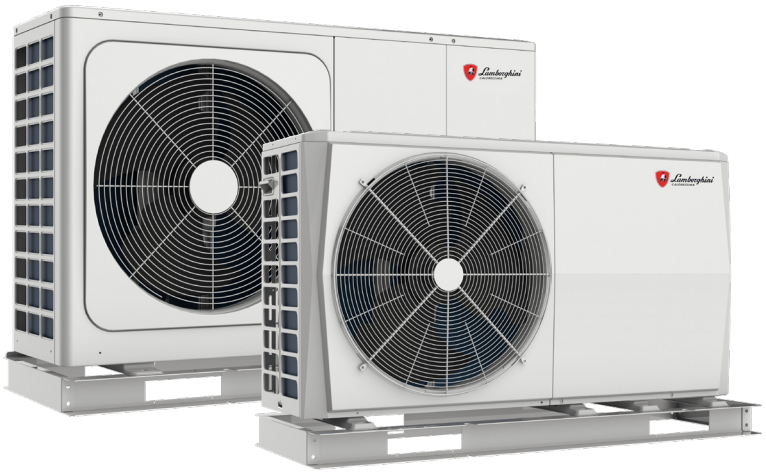
Lamborghini CALORECLIMA

AZIENDA CERTIFICATA ISO 9001

IDOLA M 3.2

POMPE DI CALORE REVERSIBILI PER INSTALLAZIONE ESTERNA
CON COMPRESSORE DC INVERTER
REVERSIBLE HEAT PUMP UNITS FOR OUTDOOR INSTALLATION
WITH DC INVERTER COMPRESSOR



ECO-FRIENDLY R32 REFRIGERANT GAS

3QE47190

Cod. 3QE47190 - Rev. 00 - 11/2021

CE **IDOLA M 3.2**

IT BOLLETTINO TECNICO

EN TECHNICAL DATA MANUAL

Dati ERP / ERP data

Models		4	6	8	10	12	14	16	12T	14T	16T	UM
Seasonal space heating energy efficiency class	low temperature (water outlet at 35°C)	191	195	205	204	189	185	182	189	185	182	ηs (%)
						A+++						class
	medium temperature (water at 55°C)	129	138	131	136	135	135	133	135	135	133	ηs (%)
						A++						class
SCOP	low temperature (water outlet at 35°C)	4,85	4,95	5,21	5,19	4,81	4,72	4,62	4,81	4,72	4,62	W/W
	medium temperature (water at 55°C)	3,31	3,52	3,36	3,49	3,45	3,47	3,41	3,45	3,47	3,41	W/W
SEER	water at 7°C	4,99	5,34	5,83	5,98	4,89	4,86	4,69	4,86	4,83	4,67	W/W
	water at 18°C	7,77	8,21	8,95	8,78	7,10	6,90	6,75	7,04	6,85	6,71	W/W

NOTA: Classe di efficienza calcolata secondo regolamento europeo 811/2013. I valori si riferiscono ad unità prive di eventuali opzioni o accessori.
NOTA: Declared according to **European regulation 811/2013**. The values are referred to units without options and accessories.

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For low - temperature application (35°C)											
Mod	Average					Colder			Warmer		
	Energy efficiency class	Unit sound power	Prated	Seasonal energy efficiency	Annual energy consumption	Prated	Seasonal energy efficiency	Annual energy consumption	Prated	Seasonal energy efficiency	Annual energy consumption
IDOLA M 3.2 Mod. 4 / 4 HI3	A+++	55	5	191	2351	5	160	2769	5	255	1146
IDOLA M 3.2 Mod. 6 / 6 HI3	A+++	58	7	195	2845	6	165	3300	6	260	1244
IDOLA M 3.2 Mod. 8 / 8 HI3 / 8 HI9	A+++	59	8	205	3218	7	170	3976	8	277	1551
IDOLA M 3.2 Mod. 10 / 10 HI3 / 10 HI9	A+++	60	9	204	3644	8	170	4423	9	281	1617
IDOLA M 3.2 Mod. 12 / 12 HI3 / 12 HI9	A+++	65	12	189	5152	11	160	6870	11	256	2292
IDOLA M 3.2 Mod. 14 / 14 HI3 / 14 HI9	A+++	65	14	185	6012	13	160	7667	12	260	2457
IDOLA M 3.2 Mod. 16 / 16 HI3 / 16 HI9	A+++	68	15	182	6804	14	158	8431	13	249	2781
IDOLA M 3.2 Mod. 12T / 12T HI3 / 12T HI9	A+++	65	12	189	5153	11	160	6871	11	256	2296
IDOLA M 3.2 Mod. 14T / 14T HI3 / 14T HI9	A+++	65	14	185	6013	13	160	7667	12	260	2462
IDOLA M 3.2 Mod. 16T / 16T HI3 / 16T HI9	A+++	68	15	182	6805	14	158	8431	13	248	2786

For medium - temperature application (55°C)											
Mod	Average					Colder			Warmer		
	Energy efficiency class	Unit sound power	Prated	Seasonal energy efficiency	Annual energy consumption	Prated	Seasonal energy efficiency	Annual energy consumption	Prated	Seasonal energy efficiency	Annual energy consumption
IDOLA M 3.2 Mod. 4 / 4 HI3	A++	55	4	129	2744	3	102	3158	5	163	1614
IDOLA M 3.2 Mod. 6 / 6 HI3	A++	58	6	138	3345	4	111	3680	5	165	1634
IDOLA M 3.2 Mod. 8 / 8 HI3 / 8 HI9	A++	59	7	131	4056	6	112	4948	8	177	2242
IDOLA M 3.2 Mod. 10 / 10 HI3 / 10 HI9	A++	60	8	136	4539	7	116	5539	9	182	2496
IDOLA M 3.2 Mod. 12 / 12 HI3 / 12 HI9	A++	65	12	135	6927	10	118	8419	12	174	3776
IDOLA M 3.2 Mod. 14 / 14 HI3 / 14 HI9	A++	65	12	135	7202	11	119	8866	14	177	4088
IDOLA M 3.2 Mod. 16 / 16 HI3 / 16 HI9	A++	68	13	133	7895	12	122	9309	14	176	4112
IDOLA M 3.2 Mod. 12T / 12T HI3 / 12T HI9	A++	65	12	135	6928	10	118	8420	12	174	3780
IDOLA M 3.2 Mod. 14T / 14T HI3 / 14T HI9	A++	65	12	135	7203	11	119	8867	14	176	4092
IDOLA M 3.2 Mod. 16T / 16T HI3 / 16T HI9	A++	68	13	133	7896	12	122	9310	14	176	4116

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Product fiche 1

Heat pump space heater		Model IDOLA M 3.2	4	6	8	10	12
Unit sound power (*)	Average climate low temperature application	[dB(A)]	55	58	59	60	65
	Average climate medium temperature application	[dB(A)]	55	58	59	60	65
Capicity of the back-up heater integrated in the unit	Psup back-up heater (optional)	[kW]	0/3	0/3	0/3/9	0/3/9	0/3/9
Space heating	Energy efficiency class 35°C (Low temp. app.)	-	A+++	A+++	A+++	A+++	A+++
Space heating	Energy efficiency class 55°C (Medium temp. app.)	-	A++	A++	A++	A++	A++
Average climate (Design temperature = –10°C)							
Space heating 35°C	Prated (declared heating capacity) @ –10°C	[kW]	5.5	6.8	8.1	9.2	12.0
	Seasonal space heating efficiency (η s)	[%]	191	195	205	204	189
	Annual energy consumption	[kWh]	2,351	2,845	3,218	3644	5,152
Space heating 55°C	Prated (declared heating capacity) @ –10°C	[kW]	4.4	5.7	6.6	7.7	11.6
	Seasonal space heating efficiency (η s)	[%]	129	138	131	136	135
	Annual energy consumption	[kWh]	2,744	3,345	4,056	4,539	6,927
Part load conditions space heating average climate low temperature application							
(A) condition (-7°C)	Pdh (declared heating capacity)	[kW]	4.88	6.03	7.18	8.10	10.61
	COPd (declared COP)	-	3.19	3.09	3.35	3.23	2.88
	Cdh(degradation coefficient)	-	0.90	0.90	0.90	0.90	0.90
(B) condition (2°C)	Pdh (declared heating capacity)	[kW]	3.05	3.88	4.65	5.18	6.69
	COPd (declared COP)	-	4.78	4.85	5.09	5.01	4.65
	Cdh(degradation coefficient)	-	0.90	0.90	0.90	0.90	0.90
(C) condition (7°C)	Pdh (declared heating capacity)	[kW]	1.93	2.39	2.90	3.32	4.44
	COPd (declared COP)	-	6.13	6.63	6.82	7.08	6.62
	Cdh(degradation coefficient)	-	0.90	0.90	0.90	0.90	0.90
(D) condition (12°C)	Pdh (declared heating capacity)	[kW]	1.48	1.39	1.63	1.65	3.74
	COPd (declared COP)	-	8.05	7.93	8.35	8.58	8.47
	Cdh(degradation coefficient)	-	0.90	0.90	0.90	0.90	0.90

Product fiche 1

Heat pump space heater		Model IDOLA M 3.2	14	16	12T	14T	16T
Unit sound power (*)	Average climate low temperature application	[dB(A)]	65	68	65	65	68
	Average climate medium temperature application	[dB(A)]	65	68	65	65	68
Capicity of the back-up heater integrated in the unit	Psup back-up heater (optional)	[kW]	0/3/9	0/3/9	0/3/9	0/3/9	0/3/9
Space heating	Energy efficiency class 35°C (Low temp. app.)	-	A+++	A+++	A+++	A+++	A+++
Space heating	Energy efficiency class 55°C (Medium temp. app.)	-	A++	A++	A++	A++	A++
Average climate (Design temperature = –10°C)							
Space heating 35°C	Prated (declared heating capacity) @ –10°C	[kW]	13.7	15.2	12.0	13.7	15.2
	Seasonal space heating efficiency (η s)	[%]	185	182	189	185	182
	Annual energy consumption	[kWh]	6,012	6,804	5,153	6,013	6,805
Space heating 55°C	Prated (declared heating capacity) @ –10°C	[kW]	12.1	13.0	11.6	12.1	13.0
	Seasonal space heating efficiency (η s)	[%]	135	133	135	135	133
	Annual energy consumption	[kWh]	7,202	7,895	6,928	7,203	7,896
Part load conditions space heating average climate low temperature application							
(A) condition (-7°C)	Pdh (declared heating capacity)	[kW]	12.14	13.45	10.61	12.14	13.45
	COPd (declared COP)	-	2.79	2.72	2.88	2.79	2.72
	Cdh(degradation coefficient)	-	0.90	0.90	0.90	0.90	0.90
(B) condition (2°C)	Pdh (declared heating capacity)	[kW]	7.94	8.56	6.69	7.94	8.56
	COPd (declared COP)	-	4.52	4.41	4.65	4.52	4.41
	Cdh(degradation coefficient)	-	0.90	0.90	0.90	0.90	0.90
(C) condition (7°C)	Pdh (declared heating capacity)	[kW]	5.20	5.70	4.44	5.20	5.70
	COPd (declared COP)	-	6.68	6.56	6.62	6.68	6.56
	Cdh(degradation coefficient)	-	0.90	0.90	0.90	0.90	0.90
(D) condition (12°C)	Pdh (declared heating capacity)	[kW]	3.75	3.78	3.74	3.75	3.78
	COPd (declared COP)	-	8.52	8.51	8.47	8.52	8.51
	Cdh(degradation coefficient)	-	0.90	0.90	0.90	0.90	0.90

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Product fiche 2

Heat pump space heater		Model IDOLA M 3.2	4	6	8	10	12
(E) Tol (temperature operating limit)	Tol (temperature operating limit)	[°C]	-10.00	-10.00	-10.00	-10.00	-10.00
	Pdh (declared heating capacity)	[kW]	4.41	5.36	6.44	7.40	10.74
	COPd (declared COP)	-	2.86	2.76	3.04	2.96	2.77
	WTOL (Heating water Operation Limit)	[°C]	60.00	60.00	60.00	60.00	60.00
(F) Tbivalent temperature	Tbiv	[°C]	-7.00	-7.00	-7.00	-7.00	-7.00
	Pdh (declared heating capacity)	[kW]	4.88	6.03	7.18	8.10	10.61
	COPd (declared COP)	-	3.19	3.09	3.35	3.23	2.88
Supplementary capacity at P_design	Psup (@Tdesignh: –10°C)	[kW]	1.11	1.45	1.68	1.76	1.26
Part load conditions space heating average climate medium temperature application							
(A) condition (-7°C)	Pdh (declared heating capacity)	[kW]	3.89	5.04	5.84	6.78	10.24
	COPd (declared COP)	-	2.17	2.17	2.16	2.24	2.01
	Cdh(degradation coefficient)	-	0.90	0.90	0.90	0.90	0.90
(B) condition (2°C)	Pdh (declared heating capacity)	[kW]	2.38	3.12	3.76	4.28	6.52
	COPd (declared COP)	-	3.30	3.51	3.30	3.42	3.44
	Cdh(degradation coefficient)	-	0.90	0.90	0.90	0.90	0.90
(C) condition (7°C)	Pdh (declared heating capacity)	[kW]	2.94	2.08	2.43	2.77	4.36
	COPd (declared COP)	-	4.41	4.54	4.34	4.52	4.59
	Cdh(degradation coefficient)	-	0.90	0.90	0.90	0.90	0.90
(D) condition (12°C)	Pdh (declared heating capacity)	[kW]	1.32	1.28	1.39	1.58	3.29
	COPd (declared COP)	-	5.66	5.59	5.33	5.68	6.05
	Cdh(degradation coefficient)	-	0.90	0.90	0.90	0.90	0.90
(E) Tol (temperature operating limit)	Tol (temperature operating limit)	[°C]	-10.00	-10.00	-10.00	-10.00	-10.00
	Pdh (declared heating capacity)	[kW]	3.42	4.52	4.91	5.38	9.10
	COPd (declared COP)	-	1.91	1.91	1.84	1.83	1.79
	WTOL (Heating water Operation Limit)	[°C]	60.00	60.00	60.00	60.00	60.00
(F) Tbivalent temperature	Tbiv	[°C]	-7.00	-7.00	-7.00	-7.00	-7.00
	Pdh (declared heating capacity)	[kW]	3.89	5.04	5.84	6.78	10.27
	COPd (declared COP)	-	2.17	2.17	2.16	2.24	2.01

Product fiche 2

Heat pump space heater		Model IDOLA M 3.2	14	16	12T	14T	16T
(E) Tol (temperature operating limit)	Tol (temperature operating limit)	[°C]	-10.00	-10.00	-10.00	-10.00	-10.00
	Pdh (declared heating capacity)	[kW]	11.47	12.52	10.74	11.47	12.52
	COPd (declared COP)	-	2.59	2.48	2.77	2.59	2.48
	WTOL (Heating water Operation Limit)	[°C]	60.00	60.00	60.00	60.00	60.00
(F) Tbivalent temperature	Tbiv	[°C]	-7.00	-7.00	-7.00	-7.00	-7.00
	Pdh (declared heating capacity)	[kW]	12.14	13.45	10.61	12.14	13.45
	COPd (declared COP)	-	2.79	2.72	2.88	2.79	2.72
Supplementary capacity at P_design	Psup (@Tdesignh: –10°C)	[kW]	2.23	2.68	1.26	2.23	2.68
Part load conditions space heating average climate medium temperature application							
(A) condition (-7°C)	Pdh (declared heating capacity)	[kW]	10.68	11.52	10.24	10.68	11.52
	COPd (declared COP)	-	2.01	1.99	2.01	2.01	1.99
	Cdh(degradation coefficient)	-	0.90	0.90	0.90	0.90	0.90
(B) condition (2°C)	Pdh (declared heating capacity)	[kW]	6.86	7.18	6.52	6.86	7.18
	COPd (declared COP)	-	3.43	3.34	3.44	3.43	3.34
	Cdh(degradation coefficient)	-	0.90	0.90	0.90	0.90	0.90
(C) condition (7°C)	Pdh (declared heating capacity)	[kW]	4.63	4.67	4.36	4.63	4.67
	COPd (declared COP)	-	4.66	4.61	4.59	4.66	4.61
	Cdh(degradation coefficient)	-	0.90	0.90	0.90	0.90	0.90
(D) condition (12°C)	Pdh (declared heating capacity)	[kW]	3.31	3.32	3.29	3.31	3.32
	COPd (declared COP)	-	6.13	6.07	6.05	6.13	6.07
	Cdh(degradation coefficient)	-	0.90	0.90	0.90	0.90	0.90
(E) Tol (temperature operating limit)	Tol (temperature operating limit)	[°C]	-10.00	-10.00	-10.00	-10.00	-10.00
	Pdh (declared heating capacity)	[kW]	9.19	10.33	9.10	9.19	10.33
	COPd (declared COP)	-	1.76	1.80	1.79	1.76	1.80
	WTOL (Heating water Operation Limit)	[°C]	60.00	60.00	60.00	60.00	60.00
(F) Tbivalent temperature	Tbiv	[°C]	-7.00	-7.00	-7.00	-7.00	-7.00
	Pdh (declared heating capacity)	[kW]	10.68	11.52	10.27	10.68	11.52
	COPd (declared COP)	-	2.01	1.99	2.01	2.01	1.99
Supplementary capacity at P_design	Psup (@Tdesignh: –10°C)	[kW]	2.91	2.67	2.50	2.91	2.67

Product fiche 3

Heat pump space heater		Model IDOLA M 3.2	4	6	8	10	12
Supplementary capacity at P_design	Psup (@Tdesignh: –10°C)	[kW]	0.98	1.18	1.69	2.28	2.50
Colder climate (Design temperature = –22°C)							
Space heating 35°C	Prated (declared heating capacity) @ –22°C	[kW]	4.6	5.6	7.0	7.7	11.4
	Seasonal space heating efficiency (η s)	[%]	160	165	170	170	160
	Annual energy consumption	[kWh]	2,769	3,300	3,976	4,423	6,870
Space heating 55°C	Prated (declared heating capacity) @ –22°C	[kW]	3.4	4.3	5.8	6.7	10.3
	Seasonal space heating efficiency (η s)	[%]	102	111	112	116	118
	Annual energy consumption	[kWh]	3,158	3,680	4,948	5,539	8,419
Part load conditions space heating colder climate low temperature application							
(A) condition (-7°C)	Pdh (declared heating capacity)	[kW]	2.75	3.42	4.46	4.83	7.05
	COPd (declared COP)	-	3.49	3.59	3.66	3.60	3.48
	Cdh(degradation coefficient)	-	0.90	0.90	0.90	0.90	0.90
(B) condition (2°C)	Pdh (declared heating capacity)	[kW]	1.77	2.06	2.69	2.94	4.67
	COPd (declared COP)	-	4.95	5.21	5.20	5.26	4.96
	Cdh(degradation coefficient)	-	0.90	0.90	0.90	0.90	0.90
(C) condition (7°C)	Pdh (declared heating capacity)	[kW]	1.17	1.46	1.65	1.92	3.14
	COPd (declared COP)	-	5.53	6.24	6.53	7.08	6.10
	Cdh(degradation coefficient)	-	0.90	0.90	0.90	0.90	0.90
(D) condition (12°C)	Pdh (declared heating capacity)	[kW]	1.43	1.44	1.65	1.65	3.57
	COPd (declared COP)	-	7.67	7.66	7.96	7.96	7.87
	Cdh(degradation coefficient)	-	0.90	0.90	0.90	0.90	0.90
(E) Tol (temperature operating limit)	Tol (temperature operating limit)	[°C]	-22.00	-22.00	-22.00	-22.00	-22.00
	Pdh (declared heating capacity)	[kW]	2.80	3.48	4.06	4.62	7.01
	COPd (declared COP)	-	1.97	1.96	1.95	1.97	1.98
	WTOL (Heating water Operation Limit)	[°C]	51.00	51.00	51.00	51.00	51.00
(F) Tbivalent temperature	Tbiv	[°C]	-15.00	-15.00	-15.00	-15.00	-15.00
	Pdh (declared heating capacity)	[kW]	3.72	4.59	5.69	6.32	9.28
	COPd (declared COP)	-	2.57	2.53	2.83	2.64	2.59
Supplementary capacity at P_design	Psup (@Tdesignh: –22°C)	[kW]	1.76	2.15	2.91	3.08	4.40

Product fiche 3

Heat pump space heater		Model IDOLA M 3.2	14	16	12T	14T	16T
Colder climate (Design temperature = –22°C)							
Space heating 35°C	**Prated (declared heating capacity) @ –22°C**	[kW]	12.6	13.7	11.4	12.6	13.7
	Seasonal space heating efficiency (η s)	[%]	160	158	160	160	158
	Annual energy consumption	[kWh]	7,667	8,431	6,871	7,667	8,431
Space heating 55°C	**Prated (declared heating capacity) @ –22°C**	[kW]	11.0	11.8	10.3	11.0	11.8
	Seasonal space heating efficiency (η s)	[%]	119	122	118	119	122
	Annual energy consumption	[kWh]	8,866	9,309	8,420	8,867	9,310
Part load conditions space heating colder climate low temperature application							
(A) condition (-7°C)	**Pdh (declared heating capacity)**	[kW]	7.96	8.31	7.05	7.96	8.31
	COPd (declared COP)	-	3.44	3.37	3.48	3.44	3.37
	Cdh(degradation coefficient)	-	0.90	0.90	0.90	0.90	0.90
(B) condition (2°C)	**Pdh (declared heating capacity)**	[kW]	5.05	5.26	4.67	5.05	5.26
	COPd (declared COP)	-	4.92	4.86	4.96	4.92	4.86
	Cdh(degradation coefficient)	-	0.90	0.90	0.90	0.90	0.90
(C) condition (7°C)	**Pdh (declared heating capacity)**	[kW]	3.15	3.62	3.14	3.15	3.62
	COPd (declared COP)	-	6.11	6.49	6.10	6.11	6.49
	Cdh(degradation coefficient)	-	0.90	0.90	0.90	0.90	0.90
(D) condition (12°C)	**Pdh (declared heating capacity)**	[kW]	3.57	3.34	3.57	3.57	3.34
	COPd (declared COP)	-	7.82	7.40	7.87	7.82	7.40
	Cdh(degradation coefficient)	-	0.90	0.90	0.90	0.90	0.90
(E) Tol (temperature operating limit)	**Tol (temperature operating limit)**	[°C]	-22.00	-22.00	-22.00	-22.00	-22.00
	Pdh (declared heating capacity)	[kW]	7.57	8.88	7.01	7.57	8.88
	COPd (declared COP)	-	1.92	1.97	1.98	1.92	1.97
	WTOL (Heating water Operation Limit)	[°C]	51.00	51.00	51.00	51.00	51.00
(F) Tbivalent temperature	**Tbiv**	[°C]	-15.00	-15.00	-15.00	-15.00	-15.00
	Pdh (declared heating capacity)	[kW]	10.31	11.22	9.28	10.31	11.22
	COPd (declared COP)	-	2.53	2.43	2.59	2.53	2.43
Supplementary capacity at P_design	**Psup (@Tdesignh: –22°C)**	[kW]	5.03	4.82	4.40	5.03	4.82

Product fiche 4

Heat pump space heater		Model IDOLA M 3.2	4	6	8	10	12
Part load conditions space heating colder climate medium temperature application							
(A) condition (-7°C)	**Pdh (declared heating capacity)**	[kW]	2.13	2.69	3.86	4.27	6.63
	COPd (declared COP)	-	2.32	2.46	2.48	2.54	2.63
	Cdh(degradation coefficient)	-	0.90	0.90	0.90	0.90	0.90
(B) condition (2°C)	**Pdh (declared heating capacity)**	[kW]	1.28	1.60	2.21	2.57	4.06
	COPd (declared COP)	-	2.99	3.36	3.35	3.51	3.60
	Cdh(degradation coefficient)	-	0.90	0.90	0.90	0.90	0.90
(C) condition (7°C)	**Pdh (declared heating capacity)**	[kW]	1.01	1.02	1.44	1.65	2.78
	COPd (declared COP)	-	3.86	3.94	4.11	4.37	4.54
	Cdh(degradation coefficient)	-	0.90	0.90	0.90	0.90	0.90
(D) condition (12°C)	**Pdh (declared heating capacity)**	[kW]	1.36	1.37	1.47	1.48	3.33
	COPd (declared COP)	-	6.28	6.35	5.92	5.96	6.25
	Cdh(degradation coefficient)	-	0.90	0.90	0.90	0.90	0.90
(E) Tol (temperature operating limit)	**Tol (temperature operating limit)**	[°C]	-22.00	-22.00	-22.00	-22.00	-22.00
	Pdh (declared heating capacity)	[kW]	1.64	2.09	2.80	2.80	4.19
	COPd (declared COP)	-	1.02	1.13	1.22	1.22	1.13
	WTOL (Heating water Operation Limit)	[°C]	51.00	51.00	51.00	51.00	51.00
(F) Tbivalent temperature	**Tbiv**	[°C]	-15.00	-15.00	-15.00	-15.00	-15.00
	Pdh (declared heating capacity)	[kW]	2.74	3.47	4.71	5.47	8.41
	COPd (declared COP)	-	1.74	1.86	1.90	2.00	1.84
Supplementary capacity at P_design	**Psup (@Tdesignh: –22°C)**	[kW]	1.72	2.17	2.97	3.91	6.12
Warmer climate (Design temperature = 2°C)							
Space heating 35°C	**Prated (declared heating capacity) @ 2°C**	[kW]	5.5	6.1	8.1	8.6	11.1
	Seasonal space heating efficiency (ηs)	[%]	255	260	277	281	256
	Annual energy consumption	[kWh]	1,146	1,244	1,551	1,617	2,292
Space heating 55°C	**Prated (declared heating capacity) @ 2°C**	[kW]	5.0	5.1	7.6	8.6	12.5
	Seasonal space heating efficiency (ηs)	[%]	163	165	177	182	174
	Annual energy consumption	[kWh]	1,614	1,634	2,242	2,496	3,776

Product fiche 4

Heat pump space heater		Model IDOLA M 3.2	14	16	12T	14T	16T
Part load conditions space heating colder climate medium temperature application							
(A) condition (-7°C)	Pdh (declared heating capacity)	[kW]	6.89	7.64	6.63	6.89	7.64
	COPd (declared COP)	-	2.66	2.65	2.63	2.66	2.65
	Cdh(degradation coefficient)	-	0.90	0.90	0.90	0.90	0.90
(B) condition (2°C)	Pdh (declared heating capacity)	[kW]	4.32	4.42	4.06	4.32	4.42
	COPd (declared COP)	-	3.66	3.79	3.60	3.66	3.79
	Cdh(degradation coefficient)	-	0.90	0.90	0.90	0.90	0.90
(C) condition (7°C)	Pdh (declared heating capacity)	[kW]	3.06	2.97	2.78	3.06	2.97
	COPd (declared COP)	-	4.72	4.81	4.54	4.72	4.81
	Cdh(degradation coefficient)	-	0.90	0.90	0.90	0.90	0.90
(D) condition (12°C)	Pdh (declared heating capacity)	[kW]	3.33	3.43	3.33	3.33	3.43
	COPd (declared COP)	-	6.25	6.29	6.25	6.25	6.29
	Cdh(degradation coefficient)	-	0.90	0.90	0.90	0.90	0.90
(E) Tol (temperature operating limit)	Tol (temperature operating limit)	[°C]	-22.00	-22.00	-22.00	-22.00	-22.00
	Pdh (declared heating capacity)	[kW]	4.20	5.21	4.19	4.20	5.21
	COPd (declared COP)	-	1.13	1.23	1.13	1.13	1.23
	WTOL (Heating water Operation Limit)	[°C]	51.00	51.00	51.00	51.00	51.00
(F) Tbivalent temperature	Tbiv	[°C]	-15.00	-15.00	-15.00	-15.00	-15.00
	Pdh (declared heating capacity)	[kW]	8.94	9.61	8.41	8.94	9.61
	COPd (declared COP)	-	1.79	1.86	1.84	1.79	1.86
Supplementary capacity at P_design	Psup (@Tdesignh: –22°C)	[kW]	6.76	6.59	6.12	6.76	6.59
Warmer climate (Design temperature = 2°C)							
Space heating 35°C	Prated (declared heating capacity) @ 2°C	[kW]	12.1	13.1	11.1	12.1	13.1
	Seasonal space heating efficiency (η s)	[%]	260	249	256	260	248
	Annual energy consumption	[kWh]	2,457	2,781	2,296	2,462	2,786
Space heating 55°C	Prated (declared heating capacity) @ 2°C	[kW]	13.7	13.8	12.5	13.7	13.8
	Seasonal space heating efficiency (η s)	[%]	177	176	174	176	176
	Annual energy consumption	[kWh]	4,088	4,112	3,780	4,092	4,116

Product fiche 5

Heat pump space heater		Model IDOLA M 3.2	4	6	8	10	12
Part load conditions space heating warmer climate low temperature application							
(B) condition (2°C)	**Pdh (declared heating capacity)**	[kW]	5.34	5.93	7.56	8.44	11.26
	COPd (declared COP)	-	3.94	3.91	3.98	3.84	3.59
	Cdh(degradation coefficient)	-	0.90	0.90	0.90	0.90	0.90
(C) condition (7°C)	**Pdh (declared heating capacity)**	[kW]	3.56	3.93	5.22	5.52	7.14
	COPd (declared COP)	-	5.92	5.89	6.26	6.18	5.87
	Cdh(degradation coefficient)	-	0.90	0.90	0.90	0.90	0.90
(D) condition (12°C)	**Pdh (declared heating capacity)**	[kW]	1.63	1.79	2.62	2.62	3.55
	COPd (declared COP)	-	7.91	8.20	9.23	9.04	7.94
	Cdh(degradation coefficient)	-	0.90	0.90	0.90	0.90	0.90
(E) Tol (temperature operating limit)	**Tol (temperature operating limit)**	[°C]	2.00	2.00	2.00	2.00	2.00
	Pdh (declared heating capacity)	[kW]	5.34	5.93	7.56	8.44	11.26
	COPd (declared COP)	-	3.94	3.91	3.98	3.84	3.59
	WTOL (Heating water Operation Limit)	[°C]	62.00	62.00	62.00	62.00	62.00
(F) Tbivalent temperature	**Tbiv**	[°C]	7.00	7.00	7.00	7.00	7.00
	Pdh (declared heating capacity)	[kW]	3.56	3.93	5.22	5.52	7.14
	COPd (declared COP)	-	5.92	5.89	6.26	6.18	5.87
Supplementary capacity at P_design	**Psup (@Tdesignh: 2°C)**	[kW]	0.18	0.18	0.55	0.14	0.00
Part load conditions space heating warmer climate medium temperature application							
(B) condition (2°C)	**Pdh (declared heating capacity)**	[kW]	4.83	5.02	7.55	8.06	12.07
	COPd (declared COP)	-	2.51	2.48	2.59	2.59	2.31
	Cdh(degradation coefficient)	-	0.90	0.90	0.90	0.90	0.90
(C) condition (7°C)	**Pdh (declared heating capacity)**	[kW]	3.22	3.31	4.86	5.54	8.04
	COPd (declared COP)	-	3.68	3.67	3.92	4.10	3.86
	Cdh(degradation coefficient)	-	0.90	0.90	0.90	0.90	0.90
(D) condition (12°C)	**Pdh (declared heating capacity)**	[kW]	1.47	1.59	2.32	2.53	3.75
	COPd (declared COP)	-	5.15	5.29	5.55	5.82	5.70
	Cdh(degradation coefficient)	-	0.90	0.90	0.90	0.90	0.90

Product fiche 5

Heat pump space heater		Model IDOLA M 3.2	14	16	12T	14T	16T
Part load conditions space heating warmer climate low temperature application							
(B) condition (2°C)	**Pdh (declared heating capacity)**	[kW]	12.04	13.10	11.26	12.04	13.10
	COPd (declared COP)	-	3.44	3.35	3.59	3.44	3.35
	Cdh(degradation coefficient)	-	0.90	0.90	0.90	0.90	0.90
(C) condition (7°C)	**Pdh (declared heating capacity)**	[kW]	7.78	8.41	7.14	7.78	8.41
	COPd (declared COP)	-	5.84	5.36	5.87	5.84	5.36
	Cdh(degradation coefficient)	-	0.90	0.90	0.90	0.90	0.90
(D) condition (12°C)	**Pdh (declared heating capacity)**	[kW]	3.75	3.87	3.55	3.75	3.87
	COPd (declared COP)	-	8.25	8.11	7.94	8.25	8.11
	Cdh(degradation coefficient)	-	0.90	0.90	0.90	0.90	0.90
(E) Tol (temperature operating limit)	**Tol (temperature operating limit)**	[°C]	2.00	2.00	2.00	2.00	2.00
	Pdh (declared heating capacity)	[kW]	12.04	13.10	11.26	12.04	13.10
	COPd (declared COP)	-	3.44	3.35	3.59	3.44	3.35
	WTOL (Heating water Operation Limit)	[°C]	62.00	62.00	62.00	62.00	62.00
(F) Tbivalent temperature	**Tbiv**	[°C]	7.00	7.00	7.00	7.00	7.00
	Pdh (declared heating capacity)	[kW]	7.78	8.41	7.14	7.78	8.41
	COPd (declared COP)	-	5.84	5.36	5.87	5.84	5.36
Supplementary capacity at P_design	**Psup (@Tdesignh: 2°C)**	[kW]	0.00	0.00	0.00	0.00	0.00
Part load conditions space heating warmer climate medium temperature application							
(B) condition (2°C)	**Pdh (declared heating capacity)**	[kW]	13.04	13.38	12.07	13.04	13.38
	COPd (declared COP)	-	2.20	2.29	2.31	2.20	2.29
	Cdh(degradation coefficient)	-	0.90	0.90	0.90	0.90	0.90
(C) condition (7°C)	**Pdh (declared heating capacity)**	[kW]	8.83	8.86	8.04	8.83	8.86
	COPd (declared COP)	-	3.91	3.84	3.86	3.91	3.84
	Cdh(degradation coefficient)	-	0.90	0.90	0.90	0.90	0.90
(D) condition (12°C)	**Pdh (declared heating capacity)**	[kW]	4.08	4.06	3.75	4.08	4.06
	COPd (declared COP)	-	5.90	5.86	5.70	5.90	5.86
	Cdh(degradation coefficient)	-	0.90	0.90	0.90	0.90	0.90

Product fiche 6

Heat pump space heater		Model IDOLA M 3.2	4	6	8	10	12
(E) Tol (temperature operating limit)	Tol (temperature operating limit)	[°C]	2.00	2.00	2.00	2.00	2.00
	Pdh (declared heating capacity)	[kW]	4.83	5.02	7.83	8.15	12.07
	COPd (declared COP)	-	2.51	2.48	2.66	2.61	2.31
	WTOL (Heating water Operation Limit)	[°C]	62.00	62.00	62.00	62.00	62.00
(F) Tbivalent temperature	Tbiv	[°C]	7.00	7.00	7.00	7.00	7.00
	Pdh (declared heating capacity)	[kW]	3.22	3.31	4.86	5.54	8.04
	COPd (declared COP)	-	3.68	3.67	3.92	4.10	3.86
Supplementary capacity at P_design	Psup (@Tdesignh: 2°C)	[kW]	0.18	0.12	0.00	0.48	0.43
0							
Product description	Air-to-water heat pump	Y/N	Yes	Yes	Yes	Yes	Yes
	Water-to-water heat pump	Y/N	No	No	No	No	No
	Brine-to-water heat pump	Y/N	No	No	No	No	No
	Low-temperature heat pump	Y/N	No	No	No	No	No
	Equipped with a supplementary heater	Y/N	Yes	Yes	Yes	Yes	Yes
	Heat pump combination heater	Y/N	No	No	No	No	No
Air to water unit	Rated airflow	[m^3/h]	2770	2770	4030	4030	4060
Brine/water to water unit	Rated water/brine flow (outdoor H/E)		/	/	/	/	/
Other	Capacity control	-	Inverter	Inverter	Inverter	Inverter	Inverter
	Poff (Power consumption Off mode)	[kW]	0.014	0.014	0.014	0.014	0.014
	Pto (Power consumption Thermostat off mode)	[kW]	0.024	0.024	0.024	0.024	0.024
	Psb (Power consumption Standby mode)	[kW]	0.014	0.014	0.014	0.014	0.014
	PCK (Power crankcase heater model)	[kW]	0.000	0.000	0.000	0.000	0.000
	Qelec (Daily electricity consumption)	[kWh]	/	/	/	/	/
	Qfuel (Daily fuel consumption)	[kWh]	/	/	/	/	/

Details and precautions on installation, maintenance and assembly can be found in the installation and or operation manuals.

Product fiche data according to energy label directive 2010/30/EC regulation (EU) 811/2013.

Product fiche 6

Heat pump space heater		Model IDOLA M 3.2	14	16	12T	14T	16T
(E) Tol (temperature operating limit)	Tol (temperature operating limit)	[°C]	2.00	2.00	2.00	2.00	2.00
	Pdh (declared heating capacity)	[kW]	13.04	13.38	12.07	13.04	13.38
	COPd (declared COP)	-	2.20	2.29	2.31	2.20	2.29
	WTOL (Heating water Operation Limit)	[°C]	62.00	62.00	62.00	62.00	62.00
(F) Tbivalent temperature	Tbiv	[°C]	7.00	7.00	7.00	7.00	7.00
	Pdh (declared heating capacity)	[kW]	8.83	8.86	8.04	8.83	8.86
	COPd (declared COP)	-	3.91	3.84	3.86	3.91	3.84
Supplementary capacity at P_design	Psup (@Tdesignh: 2°C)	[kW]	0.66	0.42	0.43	0.66	0.42
0							
Product description	Air-to-water heat pump	Y/N	Yes	Yes	Yes	Yes	Yes
	Water-to-water heat pump	Y/N	No	No	No	No	No
	Brine-to-water heat pump	Y/N	No	No	No	No	No
	Low-temperature heat pump	Y/N	No	No	No	No	No
	Equipped with a supplementary heater	Y/N	Yes	Yes	Yes	Yes	Yes
	Heat pump combination heater	Y/N	No	No	No	No	No
Air to water unit	Rated airflow	[m^3/h]	4060	4650	4060	4060	4650
Brine/water to water unit	Rated water/brine flow (outdoor H/E)		/	/	/	/	/
Other	Capacity control	-	Inverter	Inverter	Inverter	Inverter	Inverter
	Poff (Power consumption Off mode)	[kW]	0.014	0.014	0.02	0.02	0.02
	Pto (Power consumption Thermostat off mode)	[kW]	0.024	0.024	0.030	0.030	0.030
	Psb (Power consumption Standby mode)	[kW]	0.014	0.014	0.02	0.02	0.02
	PCK (Power crankcase heater model)	[kW]	0.000	0.000	0.000	0.000	0.000
	Qelec (Daily electricity consumption)	[kWh]	/	/	/	/	/
	Qfuel (Daily fuel consumption)	[kWh]	/	/	/	/	/

Details and precautions on installation, maintenance and assembly can be found in the installation and or operation manuals.

Product fiche data according to energy label directive 2010/30/EC regulation (EU) 811/2013.

FOGLIO DATI TECNICI ERP PER RISCALDAMENTO AMBIENTE / ERP TECHNICAL DATA SHEET FOR SPACE HEATING

IDOLA M 3.2 Mod. 4 / 4 HI3 - Modo riscadamento - Clima medio - Media temperatura (55°C) / Heating mode - Average climate - Medium temperature (55°C)

Technical parameters

Model(s):	IDOLA M 3.2 Mod. 4 / 4 HI3
Air-to-water heat pump:	YES
Water-to-water heat pump:	NO
Brine-to-water heat pump:	NO
Low-temperature heat pump:	NO
Equipped with a supplementary heater:	NO
Heat pump combination heater:	NO
Declared climate condition:	AVERAGE

Parameters are declared for medium-temperature (55°C) application.

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	4.4	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	Pdh	3.89	kW
Tj = 2℃	Pdh	2.38	kW
Tj = 7℃	Pdh	2.94	kW
Tj = 12℃	Pdh	1.32	kW
Tj = bivalent temperature	Pdh	3.89	kW
Tj = operating limit	Pdh	3.42	kW
For air-to-water heat pumps: Tj = -15℃	Pdh	-	kW
Bivalent temperature	T_{biv}	-7	°C
Cycling interval capacity for heating	P_{cych}	-	kW
Degradation co-efficient (**)	C_{dh}	0.9	--
Power consumption in modes other than active mode			
Off mode	P_{off}	0.014	kW
Standby mode	P_{sb}	0.014	kW
Thermostat-off mode	P_{to}	0.024	kW
Crankcase heater mode	P_{ck}	0.000	kW

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	η_s	129	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	COPd	2.17	-
Tj = 2℃	COPd	3.30	-
Tj = 7℃	COPd	4.41	-
Tj = 12℃	COPd	5.66	-
Tj = bivalent temperature	COPd	2.17	-
Tj = operating limit	COPd	1.91	-
For air-to-water heat pumps: Tj = -15℃	COPd	-	-
For air-to-water heat pumps: Operation limit temperature	TOL	-10	°C
Cycling interval efficiency	COP_{cyc}	-	-
Heating water operating limit temperature	W_{TOL}	60	°C
Supplementary heater			
Rated heat output (**)	P_{sup}	0.98	kW
Type of energy input	Electrical		

Other items			
Capacity control	variable		
Sound power level, indoors/outdoors	L_{WA}	-/55	dB
Annual energy consumption	Q_{HE}	2744	kWh

For air-to-water heat pumps: Rated air flow rate, outdoors	-	2770	m^3/h
For water-or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m^3/h

For heat pump combination heater:			
Declared load profile	-		
Daily electricity consumption	Q_{clec}	-	kWh
Annual electricity consumption	AEC	-	kWh

Water heating energy efficiency	η_{wh}	-	%
Daily fuel consumption	Q_{fuel}	-	kWh
Annual fuel consumption	AFC	-	GJ

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(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating
Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).
(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

FOGLIO DATI TECNICI ERP PER RISCALDAMENTO AMBIENTE / ERP TECHNICAL DATA SHEET FOR SPACE HEATING

IDOLA M 3.2 Mod. 4 / 4 HI3 - Modo riscadamento - Clima più freddo - Media temperatura (55°C) / Heating mode - Colder climate - Medium temperature (55°C)

Technical parameters

Model(s):	IDOLA M 3.2 Mod. 4 / 4 HI3
Air-to-water heat pump:	YES
Water-to-water heat pump:	NO
Brine-to-water heat pump:	NO
Low-temperature heat pump:	NO
Equipped with a supplementary heater:	NO
Heat pump combination heater:	NO
Declared climate condition:	COLDER

Parameters are declared for medium-temperature (55°C) application.

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	3.4	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	Pdh	2.13	kW
Tj = 2℃	Pdh	1.28	kW
Tj = 7℃	Pdh	1.01	kW
Tj = 12℃	Pdh	1.36	kW
Tj = bivalent temperature	Pdh	2.74	kW
Tj = operating limit	Pdh	1.64	kW
For air-to-water heat pumps: Tj = -15℃	Pdh	-	kW
Bivalent temperature	T_{biv}	-15	°C
Cycling interval capacity for heating	P_{cych}	-	kW
Degradation co-efficient (**)	C_{dh}	0.9	--
Power consumption in modes other than active mode			
Off mode	P_{off}	0.014	kW
Standby mode	P_{sb}	0.014	kW
Thermostat-off mode	P_{to}	0.024	kW
Crankcase heater mode	P_{ck}	0.000	kW

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	η_s	102	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	COPd	2.32	-
Tj = 2℃	COPd	2.99	-
Tj = 7℃	COPd	3.86	-
Tj = 12℃	COPd	6.28	-
Tj = bivalent temperature	COPd	1.74	-
Tj = operating limit	COPd	1.02	-
For air-to-water heat pumps: Tj = -15℃	COPd	-	-
For air-to-water heat pumps: Operation limit temperature	TOL	-22	°C
Cycling interval efficiency	COP_{cyc}	-	-
Heating water operating limit temperature	W_{TOL}	51	°C
Supplementary heater			
Rated heat output (**)	P_{sup}	1.72	kW
Type of energy input	Electrical		

Other items			
Capacity control	variable		
Sound power level, indoors/outdoors	L_{WA}	-	dB
Annual energy consumption	Q_{HE}	3159	kWh

For air-to-water heat pumps: Rated air flow rate, outdoors	-	2770	m^3/h
For water-or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m^3/h

For heat pump combination heater:			
Declared load profile	-		
Daily electricity consumption	Q_{clec}	-	kWh
Annual electricity consumption	AEC	-	kWh

Water heating energy efficiency	η_{wh}	-	%
Daily fuel consumption	Q_{fuel}	-	kWh
Annual fuel consumption	AFC	-	GJ

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(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating
Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).
(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

FOGLIO DATI TECNICI ERP PER RISCALDAMENTO AMBIENTE / ERP TECHNICAL DATA SHEET FOR SPACE HEATING

IDOLA M 3.2 Mod. 4 / 4 HI3 - Modo riscadamento - Clima più caldo - Media temperatura (55°C) / Heating mode - Warmer climate - Medium temperature (55°C)

Technical parameters

Model(s):	IDOLA M 3.2 Mod. 4 / 4 HI3
Air-to-water heat pump:	YES
Water-to-water heat pump:	NO
Brine-to-water heat pump:	NO
Low-temperature heat pump:	NO
Equipped with a supplementary heater:	NO
Heat pump combination heater:	NO
Declared climate condition:	WARMER

Parameters are declared for medium-temperature (55°C) application.

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	5.0	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	Pdh	-	kW
Tj = 2℃	Pdh	4.83	kW
Tj = 7℃	Pdh	3.22	kW
Tj = 12℃	Pdh	1.47	kW
Tj = bivalent temperature	Pdh	3.22	kW
Tj = operating limit	Pdh	4.83	kW
For air-to-water heat pumps: Tj = -15℃	Pdh	-	kW
Bivalent temperature	T_{biv}	7	°C
Cycling interval capacity for heating	P_{cych}	-	kW
Degradation co-efficient (**)	C_{dh}	0.9	--
Power consumption in modes other than active mode			
Off mode	P_{off}	0.014	kW
Standby mode	P_{sb}	0.014	kW
Thermostat-off mode	P_{to}	0.024	kW
Crankcase heater mode	P_{ck}	0.000	kW

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	η_s	162	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	COPd	-	-
Tj = 2℃	COPd	2.51	-
Tj = 7℃	COPd	3.68	-
Tj = 12℃	COPd	5.15	-
Tj = bivalent temperature	COPd	3.68	-
Tj = operating limit	COPd	2.51	-
For air-to-water heat pumps: Tj = -15℃	COPd	-	-
For air-to-water heat pumps: Operation limit temperature	TOL	2	°C
Cycling interval efficiency	COP_{cyc}	-	-
Heating water operating limit temperature	W_{TOL}	62	°C
Supplementary heater			
Rated heat output (**)	P_{sup}	0.18	kW
Type of energy input	Electrical		

Other items			
Capacity control	variable		
Sound power level, indoors/outdoors	L_{WA}	-	dB
Annual energy consumption	Q_{HE}	1621	kWh

For air-to-water heat pumps: Rated air flow rate, outdoors	-	2770	m^3/h
For water-or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m^3/h

For heat pump combination heater:			
Declared load profile	-		
Daily electricity consumption	Q_{clec}	-	kWh
Annual electricity consumption	AEC	-	kWh

Water heating energy efficiency	η_{wh}	-	%
Daily fu5.1el consumption	Q_{fuel}	-	kWh
Annual fuel consumption	AFC	-	GJ

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(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating
Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).
(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

FOGLIO DATI TECNICI ERP PER RISCALDAMENTO AMBIENTE / ERP TECHNICAL DATA SHEET FOR SPACE HEATING

IDOLA M 3.2 Mod. 6 / 6 HI3 - Modo riscadamento - Clima medio - Media temperatura (55°C) / Heating mode - Average climate - Medium temperature (55°C)

Technical parameters

Model(s):	IDOLA M 3.2 Mod. 6 / 6 HI3
Air-to-water heat pump:	YES
Water-to-water heat pump:	NO
Brine-to-water heat pump:	NO
Low-temperature heat pump:	NO
Equipped with a supplementary heater:	NO
Heat pump combination heater:	NO
Declared climate condition:	AVERAGE

Parameters are declared for medium-temperature (55°C) application.

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	5.7	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	Pdh	5.04	kW
Tj = 2℃	Pdh	3.12	kW
Tj = 7℃	Pdh	2.08	kW
Tj = 12℃	Pdh	1.28	kW
Tj = bivalent temperature	Pdh	5.04	kW
Tj = operating limit	Pdh	4.52	kW
For air-to-water heat pumps: Tj = -15℃	Pdh	-	kW
Bivalent temperature	T_{biv}	-7	°C
Cycling interval capacity for heating	P_{cych}	-	kW
Degradation co-efficient (**)	C_{dh}	0.9	--
Power consumption in modes other than active mode			
Off mode	P_{off}	0.014	kW
Standby mode	P_{sb}	0.014	kW
Thermostat-off mode	P_{to}	0.024	kW
Crankcase heater mode	P_{ck}	0.000	kW

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	η_s	138	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	COPd	2.17	-
Tj = 2℃	COPd	3.51	-
Tj = 7℃	COPd	4.54	-
Tj = 12℃	COPd	5.59	-
Tj = bivalent temperature	COPd	2.17	-
Tj = operating limit	COPd	1.91	-
For air-to-water heat pumps: Tj = -15℃	COPd	-	-
For air-to-water heat pumps: Operation limit temperature	TOL	-10	°C
Cycling interval efficiency	COP_{cyc}	-	-
Heating water operating limit temperature	W_{TOL}	60	°C
Supplementary heater			
Rated heat output (**)	P_{sup}	1.18	kW
Type of energy input	Electrical		

Other items			
Capacity control	variable		
Sound power level, indoors/outdoors	L_{WA}	-/58	dB
Annual energy consumption	Q_{HE}	3345	kWh

For air-to-water heat pumps: Rated air flow rate, outdoors	-	2770	m^3/h
For water-or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m^3/h

For heat pump combination heater:			
Declared load profile	-		
Daily electricity consumption	Q_{clec}	-	kWh
Annual electricity consumption	AEC	-	kWh

Water heating energy efficiency	η_{wh}	-	%
Daily fuel consumption	Q_{fuel}	-	kWh
Annual fuel consumption	AFC	-	GJ

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(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating
Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).
(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

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IDOLA M 3.2 Mod. 6 / 6 HI3 - Modo riscadamento - Clima più freddo - Media temperatura (55°C) / Heating mode - Colder climate - Medium temperature (55°C)

Technical parameters

Model(s):	IDOLA M 3.2 Mod. 6 / 6 HI3
Air-to-water heat pump:	YES
Water-to-water heat pump:	NO
Brine-to-water heat pump:	NO
Low-temperature heat pump:	NO
Equipped with a supplementary heater:	NO
Heat pump combination heater:	NO
Declared climate condition:	COLDER

Parameters are declared for medium-temperature (55°C) application.

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	4.3	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	Pdh	2.70	kW
Tj = 2℃	Pdh	1.60	kW
Tj = 7℃	Pdh	1.02	kW
Tj = 12℃	Pdh	1.37	kW
Tj = bivalent temperature	Pdh	3.47	kW
Tj = operating limit	Pdh	2.09	kW
For air-to-water heat pumps: Tj = -15℃	Pdh	-	kW
Bivalent temperature	T_{biv}	-15	°C
Cycling interval capacity for heating	P_{cych}	-	kW
Degradation co-efficient (**)	C_{dh}	0.9	--
Power consumption in modes other than active mode			
Off mode	P_{off}	0.014	kW
Standby mode	P_{sb}	0.014	kW
Thermostat-off mode	P_{to}	0.024	kW
Crankcase heater mode	P_{ck}	0.000	kW

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	η_s	111	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	COPd	2.46	-
Tj = 2℃	COPd	3.36	-
Tj = 7℃	COPd	3.94	-
Tj = 12℃	COPd	6.35	-
Tj = bivalent temperature	COPd	1.86	-
Tj = operating limit	COPd	1.13	-
For air-to-water heat pumps: Tj = -15℃	COPd	-	-
For air-to-water heat pumps: Operation limit temperature	TOL	-22	°C
Cycling interval efficiency	COP_{cyc}	-	-
Heating water operating limit temperature	W_{TOL}	51	°C
Supplementary heater			
Rated heat output (**)	P_{sup}	5.10	kW
Type of energy input	Electrical		

Other items			
Capacity control	variable		
Sound power level, indoors/outdoors	L_{WA}	-	dB
Annual energy consumption	Q_{HE}	3681	kWh

For air-to-water heat pumps: Rated air flow rate, outdoors	-	2770	m^3/h
For water-or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m^3/h

For heat pump combination heater:			
Declared load profile	-		
Daily electricity consumption	Q_{clec}	-	kWh
Annual electricity consumption	AEC	-	kWh

Water heating energy efficiency	η_{wh}	-	%
Daily fuel consumption	Q_{fuel}	-	kWh
Annual fuel consumption	AFC	-	GJ

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(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating
Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).
(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

FOGLIO DATI TECNICI ERP PER RISCALDAMENTO AMBIENTE / ERP TECHNICAL DATA SHEET FOR SPACE HEATING

IDOLA M 3.2 Mod. 6 / 6 HI3 - Modo riscadamento - Clima più caldo - Media temperatura (55°C) / Heating mode - Warmer climate - Medium temperature (55°C)

Technical parameters

Model(s):	IDOLA M 3.2 Mod. 6 / 6 HI3
Air-to-water heat pump:	YES
Water-to-water heat pump:	NO
Brine-to-water heat pump:	NO
Low-temperature heat pump:	NO
Equipped with a supplementary heater:	NO
Heat pump combination heater:	NO
Declared climate condition:	WARMER

Parameters are declared for medium-temperature (55°C) application.

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	5.1	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	Pdh	-	kW
Tj = 2℃	Pdh	5.02	kW
Tj = 7℃	Pdh	3.31	kW
Tj = 12℃	Pdh	1.60	kW
Tj = bivalent temperature	Pdh	3.31	kW
Tj = operating limit	Pdh	5.02	kW
For air-to-water heat pumps: Tj = -15℃	Pdh	-	kW
Bivalent temperature	T_{biv}	7	°C
Cycling interval capacity for heating	P_{cych}	-	kW
Degradation co-efficient (**)	C_{dh}	0.9	--
Power consumption in modes other than active mode			
Off mode	P_{off}	0.014	kW
Standby mode	P_{sb}	0.014	kW
Thermostat-off mode	P_{to}	0.024	kW
Crankcase heater mode	P_{ck}	0.000	kW

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	η_s	165	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	COPd	-	-
Tj = 2℃	COPd	2.48	-
Tj = 7℃	COPd	3.67	-
Tj = 12℃	COPd	5.29	-
Tj = bivalent temperature	COPd	3.67	-
Tj = operating limit	COPd	2.48	-
For air-to-water heat pumps: Tj = -15℃	COPd	-	-
For air-to-water heat pumps: Operation limit temperature	TOL	2	°C
Cycling interval efficiency	COP_{cyc}	-	-
Heating water operating limit temperature	W_{TOL}	62	°C
Supplementary heater			
Rated heat output (**)	P_{sup}	0	kW
Type of energy input	Electrical		

Other items			
Capacity control	variable		
Sound power level, indoors/outdoors	L_{WA}	-	dB
Annual energy consumption	Q_{HE}	1640	kWh

For air-to-water heat pumps: Rated air flow rate, outdoors	-	2770	m^3/h
For water-or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m^3/h

For heat pump combination heater:			
Declared load profile	-		
Daily electricity consumption	Q_{clec}	-	kWh
Annual electricity consumption	AEC	-	kWh

Water heating energy efficiency	η_{wh}	-	%
Daily fuel consumption	Q_{fuel}	-	kWh
Annual fuel consumption	AFC	-	GJ

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(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating
Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).
(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

FOGLIO DATI TECNICI ERP PER RISCALDAMENTO AMBIENTE / ERP TECHNICAL DATA SHEET FOR SPACE HEATING

IDOLA M 3.2 Mod. 8 / 8 HI3 / 8 HI9 - Modo riscadamento - Clima medio - Media temperatura (55°C) / Heating mode - Average climate - Medium temperature (55°C)

Technical parameters

Model(s):	IDOLA M 3.2 Mod. 8 / 8 HI3 / 8 HI9
Air-to-water heat pump:	YES
Water-to-water heat pump:	NO
Brine-to-water heat pump:	NO
Low-temperature heat pump:	NO
Equipped with a supplementary heater:	NO
Heat pump combination heater:	NO
Declared climate condition:	AVERAGE

Parameters are declared for medium-temperature (55°C) application.

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.6	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	Pdh	5.84	kW
Tj = 2℃	Pdh	3.75	kW
Tj = 7℃	Pdh	2.42	kW
Tj = 12℃	Pdh	1.39	kW
Tj = bivalent temperature	Pdh	5.84	kW
Tj = operating limit	Pdh	4.90	kW
For air-to-water heat pumps: Tj = -15℃	Pdh	-	kW
Bivalent temperature	T_{biv}	-7	°C
Cycling interval capacity for heating	P_{cych}	-	kW
Degradation co-efficient (**)	C_{dh}	0.9	--
Power consumption in modes other than active mode			
Off mode	P_{off}	0.014	kW
Standby mode	P_{sb}	0.014	kW
Thermostat-off mode	P_{to}	0.024	kW
Crankcase heater mode	P_{ck}	0.000	kW

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	η_s	131	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	COPd	2.16	-
Tj = 2℃	COPd	3.30	-
Tj = 7℃	COPd	4.34	-
Tj = 12℃	COPd	5.33	-
Tj = bivalent temperature	COPd	2.16	-
Tj = operating limit	COPd	1.84	-
For air-to-water heat pumps: Tj = -15℃	COPd	-	-
For air-to-water heat pumps: Operation limit temperature	TOL	-10	°C
Cycling interval efficiency	COP_{cyc}	-	-
Heating water operating limit temperature	W_{TOL}	60	°C
Supplementary heater			
Rated heat output (**)	P_{sup}	1.69	kW
Type of energy input	Electrical		

Other items			
Capacity control	variable		
Sound power level, indoors/outdoors	L_{WA}	-/59	dB
Annual energy consumption	Q_{HE}	4056	kWh

For air-to-water heat pumps: Rated air flow rate, outdoors	-	4030	m^3/h
For water-or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m^3/h

For heat pump combination heater:			
Declared load profile	-		
Daily electricity consumption	Q_{clec}	-	kWh
Annual electricity consumption	AEC	-	kWh

Water heating energy efficiency	η_{wh}	-	%
Daily fuel consumption	Q_{fuel}	-	kWh
Annual fuel consumption	AFC	-	GJ

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(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating
Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).
(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

FOGLIO DATI TECNICI ERP PER RISCALDAMENTO AMBIENTE / ERP TECHNICAL DATA SHEET FOR SPACE HEATING

IDOLA M 3.2 Mod. 8 / 8 HI3 / 8 HI9 - Modo riscadamento - Clima più freddo - Media temperatura (55°C) / Heating mode - Colder climate - Medium temperature (55°C)

Technical parameters

Model(s):	IDOLA M 3.2 Mod. 8 / 8 HI3 / 8 HI9
Air-to-water heat pump:	YES
Water-to-water heat pump:	NO
Brine-to-water heat pump:	NO
Low-temperature heat pump:	NO
Equipped with a supplementary heater:	NO
Heat pump combination heater:	NO
Declared climate condition:	COLDER

Parameters are declared for medium-temperature (55°C) application.

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	5.8	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	Pdh	3.86	kW
Tj = 2℃	Pdh	2.21	kW
Tj = 7℃	Pdh	1.44	kW
Tj = 12℃	Pdh	1.46	kW
Tj = bivalent temperature	Pdh	4.71	kW
Tj = operating limit	Pdh	2.80	kW
For air-to-water heat pumps: Tj = -15℃	Pdh	-	kW
Bivalent temperature	T_{biv}	-15	°C
Cycling interval capacity for heating	P_{cych}	-	kW
Degradation co-efficient (**)	C_{dh}	0.9	--
Power consumption in modes other than active mode			
Off mode	P_{off}	0.014	kW
Standby mode	P_{sb}	0.014	kW
Thermostat-off mode	P_{to}	0.024	kW
Crankcase heater mode	P_{ck}	0.000	kW

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	η_s	112	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	COPd	2.48	-
Tj = 2℃	COPd	3.35	-
Tj = 7℃	COPd	4.11	-
Tj = 12℃	COPd	5.92	-
Tj = bivalent temperature	COPd	1.90	-
Tj = operating limit	COPd	1.22	-
For air-to-water heat pumps: Tj = -15℃	COPd	-	-
For air-to-water heat pumps: Operation limit temperature	TOL	-22	°C
Cycling interval efficiency	COP_{cyc}	-	-
Heating water operating limit temperature	W_{TOL}	51	°C
Supplementary heater			
Rated heat output (**)	P_{sup}	2.97	kW
Type of energy input	Electrical		

Other items			
Capacity control	variable		
Sound power level, indoors/outdoors	L_{WA}	-	dB
Annual energy consumption	Q_{HE}	4950	kWh

For air-to-water heat pumps: Rated air flow rate, outdoors	-	4030	m^3/h
For water-or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m^3/h

For heat pump combination heater:			
Declared load profile	-		
Daily electricity consumption	Q_{clec}	-	kWh
Annual electricity consumption	AEC	-	kWh

Water heating energy efficiency	η_{wh}	-	%
Daily fuel consumption	Q_{fuel}	-	kWh
Annual fuel consumption	AFC	-	GJ

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(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating
Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).
(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

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IDOLA M 3.2 Mod. 8 / 8 HI3 / 8 HI9 - Modo riscadamento - Clima più caldo - Media temperatura (55°C) / Heating mode - Warmer climate - Medium temperature (55°C)

Technical parameters

Model(s):	IDOLA M 3.2 Mod. 8 / 8 HI3 / 8 HI9
Air-to-water heat pump:	YES
Water-to-water heat pump:	NO
Brine-to-water heat pump:	NO
Low-temperature heat pump:	NO
Equipped with a supplementary heater:	NO
Heat pump combination heater:	NO
Declared climate condition:	WARMER

Parameters are declared for medium-temperature (55°C) application.

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	7.6	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	Pdh	-	kW
Tj = 2℃	Pdh	7.55	kW
Tj = 7℃	Pdh	4.86	kW
Tj = 12℃	Pdh	2.31	kW
Tj = bivalent temperature	Pdh	4.86	kW
Tj = operating limit	Pdh	7.55	kW
For air-to-water heat pumps: Tj = -15℃	Pdh	-	kW
Bivalent temperature	T_{biv}	7	°C
Cycling interval capacity for heating	P_{cych}	-	kW
Degradation co-efficient (**)	C_{dh}	0.9	--
Power consumption in modes other than active mode			
Off mode	P_{off}	0.014	kW
Standby mode	P_{sb}	0.014	kW
Thermostat-off mode	P_{to}	0.024	kW
Crankcase heater mode	P_{ck}	0.000	kW

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	η_s	176	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	COPd	-	-
Tj = 2℃	COPd	2.59	-
Tj = 7℃	COPd	3.92	-
Tj = 12℃	COPd	5.55	-
Tj = bivalent temperature	COPd	3.92	-
Tj = operating limit	COPd	2.59	-
For air-to-water heat pumps: Tj = -15℃	COPd	-	-
For air-to-water heat pumps: Operation limit temperature	TOL	2	°C
Cycling interval efficiency	COP_{cyc}	-	-
Heating water operating limit temperature	W_{TOL}	62	°C
Supplementary heater			
Rated heat output (**)	P_{sup}	0	kW
Type of energy input	Electrical		

Other items			
Capacity control	variable		
Sound power level, indoors/outdoors	L_{WA}	-	dB
Annual energy consumption	Q_{HE}	2259	kWh

For air-to-water heat pumps: Rated air flow rate, outdoors	-	4030	m^3/h
For water-or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m^3/h

For heat pump combination heater:			
Declared load profile	-		
Daily electricity consumption	Q_{clec}	-	kWh
Annual electricity consumption	AEC	-	kWh

Water heating energy efficiency	η_{wh}	-	%
Daily fuel consumption	Q_{fuel}	-	kWh
Annual fuel consumption	AFC	-	GJ

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(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating
Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).
(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

FOGLIO DATI TECNICI ERP PER RISCALDAMENTO AMBIENTE / ERP TECHNICAL DATA SHEET FOR SPACE HEATING

IDOLA M 3.2 Mod. 10 / 10 HI3 / 10 HI9 - Modo riscadamento - Clima medio - Media temperatura (55°C) / Heating mode - Average climate - Medium temperature (55°C)

Technical parameters

Model(s):	IDOLA M 3.2 Mod. 10 / 10 HI3 / 10 HI9
Air-to-water heat pump:	YES
Water-to-water heat pump:	NO
Brine-to-water heat pump:	NO
Low-temperature heat pump:	NO
Equipped with a supplementary heater:	NO
Heat pump combination heater:	NO
Declared climate condition:	AVERAGE

Parameters are declared for medium-temperature application.

Parameters are declared for medium-temperature (55°C) application.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	7.7	kW	Seasonal space heating energy efficiency	η_s	136	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	Pdh	6.78	kW	Tj = -7℃	COPd	2.24	-
Tj = 2℃	Pdh	4.28	kW	Tj = 2℃	COPd	3.42	-
Tj = 7℃	Pdh	2.77	kW	Tj = 7℃	COPd	4.52	-
Tj = 12℃	Pdh	1.58	kW	Tj = 12℃	COPd	5.68	-
Tj = bivalent temperature	Pdh	6.78	kW	Tj = bivalent temperature	COPd	2.24	-
Tj = operating limit	Pdh	5.38	kW	Tj = operating limit	COPd	1.83	-
For air-to-water heat pumps: Tj = -15℃	Pdh	-	kW	For air-to-water heat pumps: Tj = -15℃	COPd	-	-
Bivalent temperature	T_{biv}	-7	°C	For air-to-water heat pumps: Operation limit temperature	TOL	-10	°C
Cycling interval capacity for heating	P_{cych}	-	kW	Cycling interval efficiency	COP_{cyc}	-	-
Degradation co-efficient (**)	C_{dh}	0.9	--	Heating water operating limit temperature	W_{TOL}	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P_{off}	0.014	kW	Rated heat output (**)	P_{sup}	2.29	kW
Standby mode	P_{sb}	0.014	kW				
Thermostat-off mode	P_{to}	0.024	kW	Type of energy input	Electrical		
Crankcase heater mode	P_{ck}	0.000	kW				

Other items							
Capacity control	variable			For air-to-water heat pumps: Rated air flow rate, outdoors	-	4030	m^3/h
Sound power level, indoors/outdoors	L_{WA}	-/60	dB	For water-or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m^3/h
Annual energy consumption	Q_{HE}	4539	kWh				

For heat pump combination heater:							
Declared load profile	-			**Water heating energy efficiency**	η_{wh}	-	%
Daily electricity consumption	Q_{clec}	-	kWh	Daily fuel consumption	Q_{fuel}	-	kWh
Annual electricity consumption	AEC	-	kWh	Annual fuel consumption	AFC	-	GJ

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(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating
Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).
(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

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IDOLA M 3.2 Mod. 10 / 10 HI3 / 10 HI9 - Modo riscadamento - Clima più freddo - Media temperatura (55°C) / Heating mode - Colder climate - Medium temperature (55°C)

Technical parameters

Model(s):	IDOLA M 3.2 Mod. 10 / 10 HI3 / 10 HI9
Air-to-water heat pump:	YES
Water-to-water heat pump:	NO
Brine-to-water heat pump:	NO
Low-temperature heat pump:	NO
Equipped with a supplementary heater:	NO
Heat pump combination heater:	NO
Declared climate condition:	COLDER

Parameters are declared for medium-temperature application.

Parameters are declared for medium-temperature (55°C) application.

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.7	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	Pdh	4.27	kW
Tj = 2℃	Pdh	2.57	kW
Tj = 7℃	Pdh	1.65	kW
Tj = 12℃	Pdh	1.47	kW
Tj = bivalent temperature	Pdh	5.47	kW
Tj = operating limit	Pdh	2.80	kW
For air-to-water heat pumps: Tj = -15℃	Pdh	-	kW
Bivalent temperature	T_{biv}	-15	°C
Cycling interval capacity for heating	P_{cych}	-	kW
Degradation co-efficient (**)	C_{dh}	0.9	--
Power consumption in modes other than active mode			
Off mode	P_{off}	0.014	kW
Standby mode	P_{sb}	0.014	kW
Thermostat-off mode	P_{to}	0.024	kW
Crankcase heater mode	P_{ck}	0.000	kW

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	η_s	116	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	COPd	2.54	-
Tj = 2℃	COPd	3.51	-
Tj = 7℃	COPd	4.37	-
Tj = 12℃	COPd	5.96	-
Tj = bivalent temperature	COPd	2.00	-
Tj = operating limit	COPd	1.22	-
For air-to-water heat pumps: Tj = -15℃	COPd	-	-
For air-to-water heat pumps: Operation limit temperature	TOL	-22	°C
Cycling interval efficiency	COP_{cyc}	-	-
Heating water operating limit temperature	W_{TOL}	51	°C
Supplementary heater			
Rated heat output (**)	P_{sup}	3.91	kW
Type of energy input	Electrical		

Other items			
Capacity control	variable		
Sound power level, indoors/outdoors	L_{WA}	-	dB
Annual energy consumption	Q_{HE}	5540	kWh

For air-to-water heat pumps: Rated air flow rate, outdoors	-	4030	m^3/h
For water-or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m^3/h

For heat pump combination heater:			
Declared load profile	-		
Daily electricity consumption	Q_{clec}	-	kWh
Annual electricity consumption	AEC	-	kWh

Water heating energy efficiency	η_{wh}	-	%
Daily fuel consumption	Q_{fuel}	-	kWh
Annual fuel consumption	AFC	-	GJ

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(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating
Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).
(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

IDOLA M 3.2 Mod. 10 / 10 HI3 / 10 HI9 - Modo riscadamento - Clima più caldo - Media temperatura (55°C) / Heating mode - Warmer climate - Medium temperature (55°C)

Technical parameters

Model(s):	IDOLA M 3.2 Mod. 10 / 10 HI3 / 10 HI9
Air-to-water heat pump:	YES
Water-to-water heat pump:	NO
Brine-to-water heat pump:	NO
Low-temperature heat pump:	NO
Equipped with a supplementary heater:	NO
Heat pump combination heater:	NO
Declared climate condition:	WARMER

Parameters are declared for medium-temperature application.

Parameters are declared for medium-temperature (55°C) application.

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	8.6	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	Pdh	-	kW
Tj = 2℃	Pdh	8.06	kW
Tj = 7℃	Pdh	5.54	kW
Tj = 12℃	Pdh	2.53	kW
Tj = bivalent temperature	Pdh	5.54	kW
Tj = operating limit	Pdh	8.15	kW
For air-to-water heat pumps: Tj = -15℃	Pdh	-	kW
Bivalent temperature	T_{biv}	7	°C
Cycling interval capacity for heating	P_{cych}	-	kW
Degradation co-efficient (**)	C_{dh}	0.9	--
Power consumption in modes other than active mode			
Off mode	P_{off}	0.014	kW
Standby mode	P_{sb}	0.014	kW
Thermostat-off mode	P_{to}	0.024	kW
Crankcase heater mode	P_{ck}	0.000	kW

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	η_s	180	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	COPd	-	-
Tj = 2℃	COPd	2.59	-
Tj = 7℃	COPd	4.10	-
Tj = 12℃	COPd	5.82	-
Tj = bivalent temperature	COPd	4.10	-
Tj = operating limit	COPd	2.61	-
For air-to-water heat pumps: Tj = -15℃	COPd	-	-
For air-to-water heat pumps: Operation limit temperature	TOL	2	°C
Cycling interval efficiency	COP_{cyc}	-	-
Heating water operating limit temperature	W_{TOL}	62	°C
Supplementary heater			
Rated heat output (**)	P_{sup}	0.48	kW
Type of energy input	Electrical		

Other items			
Capacity control	variable		
Sound power level, indoors/outdoors	L_{WA}	-	dB
Annual energy consumption	Q_{HE}	2516	kWh

For air-to-water heat pumps: Rated air flow rate, outdoors	-	4030	m^3/h
For water-or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m^3/h

For heat pump combination heater:			
Declared load profile	-		
Daily electricity consumption	Q_{clec}	-	kWh
Annual electricity consumption	AEC	-	kWh

Water heating energy efficiency	η_{wh}	-	%
Daily fuel consumption	Q_{fuel}	-	kWh
Annual fuel consumption	AFC	-	GJ

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(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating
Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).
(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

FOGLIO DATI TECNICI ERP PER RISCALDAMENTO AMBIENTE / ERP TECHNICAL DATA SHEET FOR SPACE HEATING

IDOLA M 3.2 Mod. 12 / 12 HI3 / 12 HI9 - Modo riscadamento - Clima medio - Media temperatura (55°C) / Heating mode - Average climate - Medium temperature (55°C)

Technical parameters

Model(s):	IDOLA M 3.2 Mod. 12 / 12 HI3 / 12 HI9
Air-to-water heat pump:	YES
Water-to-water heat pump:	NO
Brine-to-water heat pump:	NO
Low-temperature heat pump:	NO
Equipped with a supplementary heater:	NO
Heat pump combination heater:	NO
Declared climate condition:	AVERAGE

Parameters are declared for medium-temperature application.

Parameters are declared for medium-temperature (55°C) application.

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	11.6	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	Pdh	10.24	kW
Tj = 2℃	Pdh	6.52	kW
Tj = 7℃	Pdh	4.36	kW
Tj = 12℃	Pdh	3.29	kW
Tj = bivalent temperature	Pdh	10.24	kW
Tj = operating limit	Pdh	9.10	kW
For air-to-water heat pumps: Tj = -15℃	Pdh	-	kW
Bivalent temperature	T_{biv}	-7	°C
Cycling interval capacity for heating	P_{cych}	-	kW
Degradation co-efficient (**)	C_{dh}	0.9	--
Power consumption in modes other than active mode			
Off mode	P_{off}	0.014	kW
Standby mode	P_{sb}	0.014	kW
Thermostat-off mode	P_{to}	0.024	kW
Crankcase heater mode	P_{ck}	0.000	kW

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	η_s	135	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	COPd	2.01	-
Tj = 2℃	COPd	3.44	-
Tj = 7℃	COPd	4.59	-
Tj = 12℃	COPd	6.05	-
Tj = bivalent temperature	COPd	2.01	-
Tj = operating limit	COPd	1.79	-
For air-to-water heat pumps: Tj = -15℃	COPd	-	-
For air-to-water heat pumps: Operation limit temperature	TOL	-10	°C
Cycling interval efficiency	COP_{cyc}	-	-
Heating water operating limit temperature	W_{TOL}	60	°C
Supplementary heater			
Rated heat output (**)	P_{sup}	1.23	kW
Type of energy input	Electrical		

Other items			
Capacity control	variable		
Sound power level, indoors/outdoors	L_{WA}	-/65	dB
Annual energy consumption	Q_{HE}	6927	kWh

For air-to-water heat pumps: Rated air flow rate, outdoors	-	4060	m^3/h
For water-or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m^3/h

For heat pump combination heater:			
Declared load profile	-		
Daily electricity consumption	Q_{clec}	-	kWh
Annual electricity consumption	AEC	-	kWh

Water heating energy efficiency	η_{wh}	-	%
Daily fuel consumption	Q_{fuel}	-	kWh
Annual fuel consumption	AFC	-	GJ

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(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating
Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).
(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

FOGLIO DATI TECNICI ERP PER RISCALDAMENTO AMBIENTE / ERP TECHNICAL DATA SHEET FOR SPACE HEATING

IDOLA M 3.2 Mod. 12 / 12 HI3 / 12 HI9 - Modo riscadamento - Clima più freddo - Media temperatura (55°C) / Heating mode - Colder climate - Medium temperature (55°C)

Technical parameters

Model(s):	IDOLA M 3.2 Mod. 12 / 12 HI3 / 12 HI9
Air-to-water heat pump:	YES
Water-to-water heat pump:	NO
Brine-to-water heat pump:	NO
Low-temperature heat pump:	NO
Equipped with a supplementary heater:	NO
Heat pump combination heater:	NO
Declared climate condition:	COLDER

Parameters are declared for medium-temperature application.

Parameters are declared for medium-temperature (55°C) application.

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	10.3	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	Pdh	6.63	kW
Tj = 2℃	Pdh	4.06	kW
Tj = 7℃	Pdh	2.78	kW
Tj = 12℃	Pdh	3.33	kW
Tj = bivalent temperature	Pdh	8.41	kW
Tj = operating limit	Pdh	4.19	kW
For air-to-water heat pumps: Tj = -15℃	Pdh	-	kW
Bivalent temperature	T_{biv}	-15	°C
Cycling interval capacity for heating	P_{cych}	-	kW
Degradation co-efficient (**)	C_{dh}	0.9	--
Power consumption in modes other than active mode			
Off mode	P_{off}	0.014	kW
Standby mode	P_{sb}	0.014	kW
Thermostat-off mode	P_{to}	0.024	kW
Crankcase heater mode	P_{ck}	0.000	kW

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	η_s	118	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	COPd	2.63	-
Tj = 2℃	COPd	3.60	-
Tj = 7℃	COPd	4.54	-
Tj = 12℃	COPd	6.25	-
Tj = bivalent temperature	COPd	1.84	-
Tj = operating limit	COPd	1.13	-
For air-to-water heat pumps: Tj = -15℃	COPd	-	-
For air-to-water heat pumps: Operation limit temperature	TOL	-22	°C
Cycling interval efficiency	COP_{cyc}	-	-
Heating water operating limit temperature	W_{TOL}	51	°C
Supplementary heater			
Rated heat output (**)	P_{sup}	6.11	kW
Type of energy input	Electrical		

Other items			
Capacity control	variable		
Sound power level, indoors/outdoors	L_{WA}	-	dB
Annual energy consumption	Q_{HE}	8419	kWh

For air-to-water heat pumps: Rated air flow rate, outdoors	-	4060	m^3/h
For water-or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m^3/h

For heat pump combination heater:			
Declared load profile	-		
Daily electricity consumption	Q_{clec}	-	kWh
Annual electricity consumption	AEC	-	kWh

Water heating energy efficiency	η_{wh}	-	%
Daily fuel consumption	Q_{fuel}	-	kWh
Annual fuel consumption	AFC	-	GJ

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(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).
(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

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IDOLA M 3.2 Mod. 12 / 12 HI3 / 12 HI9 - Modo riscadamento - Clima più caldo - Media temperatura (55°C) / Heating mode - Warmer climate - Medium temperature (55°C)

Technical parameters

Model(s):	IDOLA M 3.2 Mod. 12 / 12 HI3 / 12 HI9
Air-to-water heat pump:	YES
Water-to-water heat pump:	NO
Brine-to-water heat pump:	NO
Low-temperature heat pump:	NO
Equipped with a supplementary heater:	NO
Heat pump combination heater:	NO
Declared climate condition:	WARMER

Parameters are declared for medium-temperature application.

Parameters are declared for medium-temperature (55°C) application.

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	12.5	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	Pdh	-	kW
Tj = 2℃	Pdh	12.07	kW
Tj = 7℃	Pdh	8.04	kW
Tj = 12℃	Pdh	3.75	kW
Tj = bivalent temperature	Pdh	8.04	kW
Tj = operating limit	Pdh	12.07	kW
For air-to-water heat pumps: Tj = -15℃	Pdh	-	kW
Bivalent temperature	T_{biv}	7	°C
Cycling interval capacity for heating	P_{cych}	-	kW
Degradation co-efficient (**)	C_{dh}	0.9	--
Power consumption in modes other than active mode			
Off mode	P_{off}	0.014	kW
Standby mode	P_{sb}	0.014	kW
Thermostat-off mode	P_{to}	0.024	kW
Crankcase heater mode	P_{ck}	0.000	kW

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	η_s	174	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	COPd	-	-
Tj = 2℃	COPd	2.31	-
Tj = 7℃	COPd	3.86	-
Tj = 12℃	COPd	5.70	-
Tj = bivalent temperature	COPd	3.86	-
Tj = operating limit	COPd	2.31	-
For air-to-water heat pumps: Tj = -15℃	COPd	-	-
For air-to-water heat pumps: Operation limit temperature	TOL	2	°C
Cycling interval efficiency	COP_{cyc}	-	-
Heating water operating limit temperature	W_{TOL}	62	°C
Supplementary heater			
Rated heat output (**)	P_{sup}	0.43	kW
Type of energy input	Electrical		

Other items			
Capacity control	variable		
Sound power level, indoors/outdoors	L_{WA}	-	dB
Annual energy consumption	Q_{HE}	3776	kWh

For air-to-water heat pumps: Rated air flow rate, outdoors	-	4060	m^3/h
For water-or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m^3/h

For heat pump combination heater:			
Declared load profile	-		
Daily electricity consumption	Q_{clec}	-	kWh
Annual electricity consumption	AEC	-	kWh

Water heating energy efficiency	η_{wh}	-	%
Daily fuel consumption	Q_{fuel}	-	kWh
Annual fuel consumption	AFC	-	GJ

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(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).
(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

FOGLIO DATI TECNICI ERP PER RISCALDAMENTO AMBIENTE / ERP TECHNICAL DATA SHEET FOR SPACE HEATING

IDOLA M 3.2 Mod. 14 / 14 HI3 / 14 HI9 - Modo riscadamento - Clima medio - Media temperatura (55°C) / Heating mode - Average climate - Medium temperature (55°C)

Technical parameters

Model(s):	IDOLA M 3.2 Mod. 14 / 14 HI3 / 14 HI9
Air-to-water heat pump:	YES
Water-to-water heat pump:	NO
Brine-to-water heat pump:	NO
Low-temperature heat pump:	NO
Equipped with a supplementary heater:	NO
Heat pump combination heater:	NO
Declared climate condition:	AVERAGE

Parameters are declared for medium-temperature application.

Parameters are declared for medium-temperature (55°C) application.

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	12.08	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	Pdh	10.68	kW
Tj = 2℃	Pdh	6.86	kW
Tj = 7℃	Pdh	4.63	kW
Tj = 12℃	Pdh	3.31	kW
Tj = bivalent temperature	Pdh	10.68	kW
Tj = operating limit	Pdh	9.19	kW
For air-to-water heat pumps: Tj = -15℃	Pdh	-	kW
Bivalent temperature	T_{biv}	-7	°C
Cycling interval capacity for heating	P_{cych}	-	kW
Degradation co-efficient (**)	C_{dh}	0.9	--
Power consumption in modes other than active mode			
Off mode	P_{off}	0.014	kW
Standby mode	P_{sb}	0.014	kW
Thermostat-off mode	P_{to}	0.024	kW
Crankcase heater mode	P_{ck}	0.000	kW

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	η_s	135	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	COPd	2.01	-
Tj = 2℃	COPd	3.43	-
Tj = 7℃	COPd	4.66	-
Tj = 12℃	COPd	6.13	-
Tj = bivalent temperature	COPd	2.01	-
Tj = operating limit	COPd	1.76	-
For air-to-water heat pumps: Tj = -15℃	COPd	-	-
For air-to-water heat pumps: Operation limit temperature	TOL	-10	°C
Cycling interval efficiency	COP_{cyc}	-	-
Heating water operating limit temperature	W_{TOL}	60	°C
Supplementary heater			
Rated heat output (**)	P_{sup}	1.40	kW
Type of energy input	Electrical		

Other items			
Capacity control	variable		
Sound power level, indoors/outdoors	L_{WA}	-/65	dB
Annual energy consumption	Q_{HE}	7202	kWh

For air-to-water heat pumps: Rated air flow rate, outdoors	-	4060	m^3/h
For water-or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m^3/h

For heat pump combination heater:			
Declared load profile	-		
Daily electricity consumption	Q_{clec}	-	kWh
Annual electricity consumption	AEC	-	kWh

Water heating energy efficiency	η_{wh}	-	%
Daily fuel consumption	Q_{fuel}	-	kWh
Annual fuel consumption	AFC	-	GJ

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(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).
(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

IDOLA M 3.2 Mod. 14 / 14 HI3 / 14 HI9 - Modo riscadamento - Clima più freddo - Media temperatura (55°C) / Heating mode - Colder climate - Medium temperature (55°C)

Technical parameters

Model(s):	IDOLA M 3.2 Mod. 14 / 14 HI3 / 14 HI9
Air-to-water heat pump:	YES
Water-to-water heat pump:	NO
Brine-to-water heat pump:	NO
Low-temperature heat pump:	NO
Equipped with a supplementary heater:	NO
Heat pump combination heater:	NO
Declared climate condition:	COLDER

Parameters are declared for medium-temperature application.

Parameters are declared for medium-temperature (55°C) application.

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	11.0	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	Pdh	6.89	kW
Tj = 2℃	Pdh	4.32	kW
Tj = 7℃	Pdh	3.06	kW
Tj = 12℃	Pdh	3.33	kW
Tj = bivalent temperature	Pdh	8.94	kW
Tj = operating limit	Pdh	4.20	kW
For air-to-water heat pumps: Tj = -15℃	Pdh	-	kW
Bivalent temperature	T_{biv}	-15	°C
Cycling interval capacity for heating	P_{cych}	-	kW
Degradation co-efficient (**)	C_{dh}	0.9	--
Power consumption in modes other than active mode			
Off mode	P_{off}	0.014	kW
Standby mode	P_{sb}	0.014	kW
Thermostat-off mode	P_{to}	0.024	kW
Crankcase heater mode	P_{ck}	0.000	kW

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	η_s	119	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	COPd	2.66	-
Tj = 2℃	COPd	3.66	-
Tj = 7℃	COPd	4.72	-
Tj = 12℃	COPd	6.25	-
Tj = bivalent temperature	COPd	1.79	-
Tj = operating limit	COPd	1.13	-
For air-to-water heat pumps: Tj = -15℃	COPd	-	-
For air-to-water heat pumps: Operation limit temperature	TOL	-22	°C
Cycling interval efficiency	COP_{cyc}	-	-
Heating water operating limit temperature	W_{TOL}	51	°C
Supplementary heater			
Rated heat output (**)	P_{sup}	6.80	kW
Type of energy input	Electrical		

Other items			
Capacity control	variable		
Sound power level, indoors/outdoors	L_{WA}	-	dB
Annual energy consumption	Q_{HE}	8866	kWh

For air-to-water heat pumps: Rated air flow rate, outdoors	-	4060	m^3/h
For water-or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m^3/h

For heat pump combination heater:			
Declared load profile	-		
Daily electricity consumption	Q_{clec}	-	kWh
Annual electricity consumption	AEC	-	kWh

Water heating energy efficiency	η_{wh}	-	%
Daily fuel consumption	Q_{fuel}	-	kWh
Annual fuel consumption	AFC	-	GJ

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(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).
(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

FOGLIO DATI TECNICI ERP PER RISCALDAMENTO AMBIENTE / ERP TECHNICAL DATA SHEET FOR SPACE HEATING

IDOLA M 3.2 Mod. 14 / 14 HI3 / 14 HI9 - Modo riscadamento - Clima più caldo - Media temperatura (55°C) / Heating mode - Warmer climate - Medium temperature (55°C)

Technical parameters

Model(s):	IDOLA M 3.2 Mod. 14 / 14 HI3 / 14 HI9
Air-to-water heat pump:	YES
Water-to-water heat pump:	NO
Brine-to-water heat pump:	NO
Low-temperature heat pump:	NO
Equipped with a supplementary heater:	NO
Heat pump combination heater:	NO
Declared climate condition:	WARMER

Parameters are declared for medium-temperature application.

Parameters are declared for medium-temperature (55°C) application.

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	13.7	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	Pdh	-	kW
Tj = 2℃	Pdh	13.04	kW
Tj = 7℃	Pdh	8.83	kW
Tj = 12℃	Pdh	4.08	kW
Tj = bivalent temperature	Pdh	8.83	kW
Tj = operating limit	Pdh	13.04	kW
For air-to-water heat pumps: Tj = -15℃	Pdh	-	kW
Bivalent temperature	T_{biv}	7	°C
Cycling interval capacity for heating	P_{cych}	-	kW
Degradation co-efficient (**)	C_{dh}	0.9	--
Power consumption in modes other than active mode			
Off mode	P_{off}	0.014	kW
Standby mode	P_{sb}	0.014	kW
Thermostat-off mode	P_{to}	0.024	kW
Crankcase heater mode	P_{ck}	0.000	kW

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	η_s	177	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	COPd	-	-
Tj = 2℃	COPd	2.20	-
Tj = 7℃	COPd	3.91	-
Tj = 12℃	COPd	5.90	-
Tj = bivalent temperature	COPd	3.91	-
Tj = operating limit	COPd	2.20	-
For air-to-water heat pumps: Tj = -15℃	COPd	-	-
For air-to-water heat pumps: Operation limit temperature	TOL	2	°C
Cycling interval efficiency	COP_{cyc}	-	-
Heating water operating limit temperature	W_{TOL}	62	°C
Supplementary heater			
Rated heat output (**)	P_{sup}	0.66	kW
Type of energy input	Electrical		

Other items			
Capacity control	variable		
Sound power level, indoors/outdoors	L_{WA}	-	dB
Annual energy consumption	Q_{HE}	4088	kWh

For air-to-water heat pumps: Rated air flow rate, outdoors	-	4060	m^3/h
For water-or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m^3/h

For heat pump combination heater:			
Declared load profile	-		
Daily electricity consumption	Q_{clec}	-	kWh
Annual electricity consumption	AEC	-	kWh

Water heating energy efficiency	η_{wh}	-	%
Daily fuel consumption	Q_{fuel}	-	kWh
Annual fuel consumption	AFC	-	GJ

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(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).
(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

FOGLIO DATI TECNICI ERP PER RISCALDAMENTO AMBIENTE / ERP TECHNICAL DATA SHEET FOR SPACE HEATING

IDOLA M 3.2 Mod. 16 / 16 HI3 / 16 HI9 - Modo riscadamento - Clima medio - Media temperatura (55°C) / Heating mode - Average climate - Medium temperature (55°C)

Technical parameters

Model(s):	IDOLA M 3.2 Mod. 16 / 16 HI3 / 16 HI9
Air-to-water heat pump:	YES
Water-to-water heat pump:	NO
Brine-to-water heat pump:	NO
Low-temperature heat pump:	NO
Equipped with a supplementary heater:	NO
Heat pump combination heater:	NO
Declared climate condition:	AVERAGE

Parameters are declared for medium-temperature application.

Parameters are declared for medium-temperature (55°C) application.

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	13.0	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	Pdh	11.52	kW
Tj = 2℃	Pdh	7.18	kW
Tj = 7℃	Pdh	4.67	kW
Tj = 12℃	Pdh	3.31	kW
Tj = bivalent temperature	Pdh	11.52	kW
Tj = operating limit	Pdh	10.33	kW
For air-to-water heat pumps: Tj = -15℃	Pdh	-	kW
Bivalent temperature	T_{biv}	-7	°C
Cycling interval capacity for heating	P_{cych}	-	kW
Degradation co-efficient (**)	C_{dh}	0.9	--
Power consumption in modes other than active mode			
Off mode	P_{off}	0.014	kW
Standby mode	P_{sb}	0.014	kW
Thermostat-off mode	P_{to}	0.024	kW
Crankcase heater mode	P_{ck}	0.000	kW

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	η_s	133	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	COPd	1.99	-
Tj = 2℃	COPd	3.34	-
Tj = 7℃	COPd	4.61	-
Tj = 12℃	COPd	6.07	-
Tj = bivalent temperature	COPd	1.99	-
Tj = operating limit	COPd	1.80	-
For air-to-water heat pumps: Tj = -15℃	COPd	-	-
For air-to-water heat pumps: Operation limit temperature	TOL	-10	°C
Cycling interval efficiency	COP_{cyc}	-	-
Heating water operating limit temperature	W_{TOL}	60	°C
Supplementary heater			
Rated heat output (**)	P_{sup}	2.68	kW
Type of energy input	Electrical		

Other items			
Capacity control	variable		
Sound power level, indoors/outdoors	L_{WA}	-/68	dB
Annual energy consumption	Q_{HE}	7895	kWh

For air-to-water heat pumps: Rated air flow rate, outdoors	-	4650	m^3/h
For water-or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m^3/h

For heat pump combination heater:			
Declared load profile	-		
Daily electricity consumption	Q_{clec}	-	kWh
Annual electricity consumption	AEC	-	kWh

Water heating energy efficiency	η_{wh}	-	%
Daily fuel consumption	Q_{fuel}	-	kWh
Annual fuel consumption	AFC	-	GJ

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(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).
(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

FOGLIO DATI TECNICI ERP PER RISCALDAMENTO AMBIENTE / ERP TECHNICAL DATA SHEET FOR SPACE HEATING

IDOLA M 3.2 Mod. 16 / 16 HI3 / 16 HI9 - Modo riscadamento - Clima più freddo - Media temperatura (55°C) / Heating mode - Colder climate - Medium temperature (55°C)

Technical parameters

Model(s):	**IDOLA M 3.2 Mod. 16 / 16 HI3 / 16 HI9**
Air-to-water heat pump:	YES
Water-to-water heat pump:	NO
Brine-to-water heat pump:	NO
Low-temperature heat pump:	NO
Equipped with a supplementary heater:	NO
Heat pump combination heater:	NO
Declared climate condition:	COLDER

Parameters are declared for medium-temperature application.

Parameters are declared for medium-temperature (55°C) application.

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	11.8	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	Pdh	7.64	kW
Tj = 2℃	Pdh	4.42	kW
Tj = 7℃	Pdh	2.97	kW
Tj = 12℃	Pdh	3.43	kW
Tj = bivalent temperature	Pdh	9.61	kW
Tj = operating limit	Pdh	5.21	kW
For air-to-water heat pumps: Tj = -15℃	Pdh	-	kW
Bivalent temperature	T_{biv}	-15	°C
Cycling interval capacity for heating	P_{cych}	-	kW
Degradation co-efficient (**)	C_{dh}	0.9	--
Power consumption in modes other than active mode			
Off mode	P_{off}	0.014	kW
Standby mode	P_{sb}	0.014	kW
Thermostat-off mode	P_{to}	0.024	kW
Crankcase heater mode	P_{ck}	0.000	kW

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	η_s	122	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	COPd	2.65	-
Tj = 2℃	COPd	3.79	-
Tj = 7℃	COPd	4.81	-
Tj = 12℃	COPd	6.29	-
Tj = bivalent temperature	COPd	1.86	-
Tj = operating limit	COPd	1.23	-
For air-to-water heat pumps: Tj = -15℃	COPd	-	-
For air-to-water heat pumps: Operation limit temperature	TOL	-22	°C
Cycling interval efficiency	COP_{cyc}	-	-
Heating water operating limit temperature	W_{TOL}	51	°C
Supplementary heater			
Rated heat output (**)	P_{sup}	6.59	kW
Type of energy input	Electrical		

Other items			
Capacity control	variable		
Sound power level, indoors/outdoors	L_{WA}	-	dB
Annual energy consumption	Q_{HE}	9309	kWh

For air-to-water heat pumps: Rated air flow rate, outdoors	-	4650	m^3/h
For water-or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m^3/h

For heat pump combination heater:			
Declared load profile	-		
Daily electricity consumption	Q_{clec}	-	kWh
Annual electricity consumption	AEC	-	kWh

Water heating energy efficiency	η_{wh}	-	%
Daily fuel consumption	Q_{fuel}	-	kWh
Annual fuel consumption	AFC	-	GJ

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(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).
(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

FOGLIO DATI TECNICI ERP PER RISCALDAMENTO AMBIENTE / ERP TECHNICAL DATA SHEET FOR SPACE HEATING

IDOLA M 3.2 Mod. 16 / 16 HI3 / 16 HI9 - Modo riscadamento - Clima più caldo - Media temperatura (55°C) / Heating mode - Warmer climate - Medium temperature (55°C)

Technical parameters

Model(s):	IDOLA M 3.2 Mod. 16 / 16 HI3 / 16 HI9
Air-to-water heat pump:	YES
Water-to-water heat pump:	NO
Brine-to-water heat pump:	NO
Low-temperature heat pump:	NO
Equipped with a supplementary heater:	NO
Heat pump combination heater:	NO
Declared climate condition:	WARMER

Parameters are declared for medium-temperature application.

Parameters are declared for medium-temperature (55°C) application.

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	13.8	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	Pdh	-	kW
Tj = 2℃	Pdh	13.38	kW
Tj = 7℃	Pdh	8.86	kW
Tj = 12℃	Pdh	4.06	kW
Tj = bivalent temperature	Pdh	8.86	kW
Tj = operating limit	Pdh	13.38	kW
For air-to-water heat pumps: Tj = -15℃	Pdh	-	kW
Bivalent temperature	T_{biv}	7	°C
Cycling interval capacity for heating	P_{cych}	-	kW
Degradation co-efficient (**)	C_{dh}	0.9	--
Power consumption in modes other than active mode			
Off mode	P_{off}	0.014	kW
Standby mode	P_{sb}	0.014	kW
Thermostat-off mode	P_{to}	0.024	kW
Crankcase heater mode	P_{ck}	0.000	kW

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	η_s	176	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	COPd	-	-
Tj = 2℃	COPd	2.29	-
Tj = 7℃	COPd	3.84	-
Tj = 12℃	COPd	5.86	-
Tj = bivalent temperature	COPd	3.84	-
Tj = operating limit	COPd	2.29	-
For air-to-water heat pumps: Tj = -15℃	COPd	-	-
For air-to-water heat pumps: Operation limit temperature	TOL	2	°C
Cycling interval efficiency	COP_{cyc}	-	-
Heating water operating limit temperature	W_{TOL}	62	°C
Supplementary heater			
Rated heat output (**)	P_{sup}	0.42	kW
Type of energy input	Electrical		

Other items			
Capacity control	variable		
Sound power level, indoors/outdoors	L_{WA}	-	dB
Annual energy consumption	Q_{HE}	4112	kWh

For air-to-water heat pumps: Rated air flow rate, outdoors	-	4650	m^3/h
For water-or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m^3/h

For heat pump combination heater:			
Declared load profile	-		
Daily electricity consumption	Q_{clec}	-	kWh
Annual electricity consumption	AEC	-	kWh

Water heating energy efficiency	η_{wh}	-	%
Daily fuel consumption	Q_{fuel}	-	kWh
Annual fuel consumption	AFC	-	GJ

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(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).
(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

FOGLIO DATI TECNICI ERP PER RISCALDAMENTO AMBIENTE / ERP TECHNICAL DATA SHEET FOR SPACE HEATING

IDOLA M 3.2 Mod. 12-T / 12-T HI3 / 12-T HI9 - Modo riscadamento - Clima medio - Media temperatura (55°C) / Heating mode - Average climate - Medium temperature (55°C)

Technical parameters

Model(s):	IDOLA M 3.2 Mod. 12-T / 12-T HI3 / 12-T HI9
Air-to-water heat pump:	YES
Water-to-water heat pump:	NO
Brine-to-water heat pump:	NO
Low-temperature heat pump:	NO
Equipped with a supplementary heater:	NO
Heat pump combination heater:	NO
Declared climate condition:	AVERAGE

Parameters are declared for medium-temperature application.

Parameters are declared for medium-temperature (55°C) application.

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	11.6	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	Pdh	10.24	kW
Tj = 2℃	Pdh	6.52	kW
Tj = 7℃	Pdh	4.36	kW
Tj = 12℃	Pdh	3.29	kW
Tj = bivalent temperature	Pdh	10.24	kW
Tj = operating limit	Pdh	9.10	kW
For air-to-water heat pumps: Tj = -15℃	Pdh	-	kW
Bivalent temperature	T_{biv}	-7	°C
Cycling interval capacity for heating	P_{cych}	-	kW
Degradation co-efficient (**)	C_{dh}	0.9	--
Power consumption in modes other than active mode			
Off mode	P_{off}	0.020	kW
Standby mode	P_{sb}	0.020	kW
Thermostat-off mode	P_{to}	0.030	kW
Crankcase heater mode	P_{ck}	0.000	kW

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	η_s	135	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	COPd	2.01	-
Tj = 2℃	COPd	3.44	-
Tj = 7℃	COPd	4.59	-
Tj = 12℃	COPd	6.05	-
Tj = bivalent temperature	COPd	2.01	-
Tj = operating limit	COPd	1.79	-
For air-to-water heat pumps: Tj = -15℃	COPd	-	-
For air-to-water heat pumps: Operation limit temperature	TOL	-10	°C
Cycling interval efficiency	COP_{cyc}	-	-
Heating water operating limit temperature	W_{TOL}	60	°C
Supplementary heater			
Rated heat output (**)	P_{sup}	1.23	kW
Type of energy input	Electrical		

Other items			
Capacity control	variable		
Sound power level, indoors/outdoors	L_{WA}	-/65	dB
Annual energy consumption	Q_{HE}	6928	kWh

For air-to-water heat pumps: Rated air flow rate, outdoors	-	4060	m^3/h
For water-or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m^3/h

For heat pump combination heater:			
Declared load profile	-		
Daily electricity consumption	Q_{clec}	-	kWh
Annual electricity consumption	AEC	-	kWh

Water heating energy efficiency	η_{wh}	-	%
Daily fuel consumption	Q_{fuel}	-	kWh
Annual fuel consumption	AFC	-	GJ

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(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).
(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

IDOLA M 3.2 Mod. 12-T / 12-T HI3 / 12-T HI9 - Modo riscadamento - Clima più freddo - Media temperatura (55°C) / Heating mode - Colder climate - Medium temperature (55°C)

Technical parameters

Model(s):	IDOLA M 3.2 Mod. 12-T / 12-T HI3 / 12-T HI9
Air-to-water heat pump:	YES
Water-to-water heat pump:	NO
Brine-to-water heat pump:	NO
Low-temperature heat pump:	NO
Equipped with a supplementary heater:	NO
Heat pump combination heater:	NO
Declared climate condition:	COLDER

Parameters are declared for medium-temperature application.

Parameters are declared for medium-temperature (55°C) application.

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	10.3	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	Pdh	6.63	kW
Tj = 2℃	Pdh	4.06	kW
Tj = 7℃	Pdh	2.78	kW
Tj = 12℃	Pdh	3.33	kW
Tj = bivalent temperature	Pdh	8.41	kW
Tj = operating limit	Pdh	4.19	kW
For air-to-water heat pumps: Tj = -15℃	Pdh	-	kW
Bivalent temperature	T_{biv}	-15	°C
Cycling interval capacity for heating	P_{cych}	-	kW
Degradation co-efficient (**)	C_{dh}	0.9	--
Power consumption in modes other than active mode			
Off mode	P_{off}	0.020	kW
Standby mode	P_{sb}	0.020	kW
Thermostat-off mode	P_{to}	0.030	kW
Crankcase heater mode	P_{ck}	0.000	kW

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	η_s	118	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	COPd	2.63	-
Tj = 2℃	COPd	3.60	-
Tj = 7℃	COPd	4.54	-
Tj = 12℃	COPd	6.25	-
Tj = bivalent temperature	COPd	1.84	-
Tj = operating limit	COPd	1.13	-
For air-to-water heat pumps: Tj = -15℃	COPd	-	-
For air-to-water heat pumps: Operation limit temperature	TOL	-22	°C
Cycling interval efficiency	COP_{cyc}	-	-
Heating water operating limit temperature	W_{TOL}	51	°C
Supplementary heater			
Rated heat output (**)	P_{sup}	6.11	kW
Type of energy input	Electrical		

Other items			
Capacity control	variable		
Sound power level, indoors/outdoors	L_{WA}	-	dB
Annual energy consumption	Q_{HE}	8420	kWh

For air-to-water heat pumps: Rated air flow rate, outdoors	-	4060	m^3/h
For water-or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m^3/h

For heat pump combination heater:			
Declared load profile	-		
Daily electricity consumption	Q_{clec}	-	kWh
Annual electricity consumption	AEC	-	kWh

Water heating energy efficiency	η_{wh}	-	%
Daily fuel consumption	Q_{fuel}	-	kWh
Annual fuel consumption	AFC	-	GJ

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(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).
(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

FOGLIO DATI TECNICI ERP PER RISCALDAMENTO AMBIENTE / ERP TECHNICAL DATA SHEET FOR SPACE HEATING

IDOLA M 3.2 Mod. 12-T / 12-T HI3 / 12-T HI9 - Modo riscadamento - Clima più caldo - Media temperatura (55°C) / Heating mode - Warmer climate - Medium temperature (55°C)

Technical parameters

Model(s):	IDOLA M 3.2 Mod. 12-T / 12-T HI3 / 12-T HI9
Air-to-water heat pump:	YES
Water-to-water heat pump:	NO
Brine-to-water heat pump:	NO
Low-temperature heat pump:	NO
Equipped with a supplementary heater:	NO
Heat pump combination heater:	NO
Declared climate condition:	WARMER

Parameters are declared for medium-temperature application.

Parameters are declared for medium-temperature (55°C) application.

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	12.5	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	Pdh	-	kW
Tj = 2℃	Pdh	12.07	kW
Tj = 7℃	Pdh	8.04	kW
Tj = 12℃	Pdh	3.75	kW
Tj = bivalent temperature	Pdh	8.04	kW
Tj = operating limit	Pdh	12.07	kW
For air-to-water heat pumps: Tj = -15℃	Pdh	-	kW
Bivalent temperature	T_{biv}	7	°C
Cycling interval capacity for heating	P_{cych}	-	kW
Degradation co-efficient (**)	C_{dh}	0.9	--
Power consumption in modes other than active mode			
Off mode	P_{off}	0.020	kW
Standby mode	P_{sb}	0.020	kW
Thermostat-off mode	P_{to}	0.030	kW
Crankcase heater mode	P_{ck}	0.000	kW

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	η_s	174	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	COPd	-	-
Tj = 2℃	COPd	2.31	-
Tj = 7℃	COPd	3.86	-
Tj = 12℃	COPd	5.70	-
Tj = bivalent temperature	COPd	3.86	-
Tj = operating limit	COPd	2.31	-
For air-to-water heat pumps: Tj = -15℃	COPd	-	-
For air-to-water heat pumps: Operation limit temperature	TOL	2	°C
Cycling interval efficiency	COP_{cyc}	-	-
Heating water operating limit temperature	W_{TOL}	62	°C
Supplementary heater			
Rated heat output (**)	P_{sup}	0.43	kW
Type of energy input	Electrical		

Other items			
Capacity control	variable		
Sound power level, indoors/outdoors	L_{WA}	-	dB
Annual energy consumption	Q_{HE}	3780	kWh

For air-to-water heat pumps: Rated air flow rate, outdoors	-	4060	m^3/h
For water-or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m^3/h

For heat pump combination heater:			
Declared load profile	-		
Daily electricity consumption	Q_{clec}	-	kWh
Annual electricity consumption	AEC	-	kWh

Water heating energy efficiency	η_{wh}	-	%
Daily fuel consumption	Q_{fuel}	-	kWh
Annual fuel consumption	AFC	-	GJ

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(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).
(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

FOGLIO DATI TECNICI ERP PER RISCALDAMENTO AMBIENTE / ERP TECHNICAL DATA SHEET FOR SPACE HEATING

IDOLA M 3.2 Mod. 14-T / 14-T HI3 / 14-T HI9 - Modo riscadamento - Clima medio - Media temperatura (55°C) / Heating mode - Average climate - Medium temperature (55°C)

Technical parameters

Model(s):	IDOLA M 3.2 Mod. 14-T / 14-T HI3 / 14-T HI9
Air-to-water heat pump:	YES
Water-to-water heat pump:	NO
Brine-to-water heat pump:	NO
Low-temperature heat pump:	NO
Equipped with a supplementary heater:	NO
Heat pump combination heater:	NO
Declared climate condition:	AVERAGE

Parameters are declared for medium-temperature application.

Parameters are declared for medium-temperature (55°C) application.

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	12.08	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	Pdh	10.68	kW
Tj = 2℃	Pdh	6.86	kW
Tj = 7℃	Pdh	4.63	kW
Tj = 12℃	Pdh	3.31	kW
Tj = bivalent temperature	Pdh	10.68	kW
Tj = operating limit	Pdh	9.19	kW
For air-to-water heat pumps: Tj = -15℃	Pdh	-	kW
Bivalent temperature	T_{biv}	-7	°C
Cycling interval capacity for heating	P_{cych}	-	kW
Degradation co-efficient (**)	C_{dh}	0.9	--
Power consumption in modes other than active mode			
Off mode	P_{off}	0.020	kW
Standby mode	P_{sb}	0.020	kW
Thermostat-off mode	P_{to}	0.030	kW
Crankcase heater mode	P_{ck}	0.000	kW

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	η_s	135	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	COPd	2.01	-
Tj = 2℃	COPd	3.43	-
Tj = 7℃	COPd	4.66	-
Tj = 12℃	COPd	6.13	-
Tj = bivalent temperature	COPd	2.01	-
Tj = operating limit	COPd	1.76	-
For air-to-water heat pumps: Tj = -15℃	COPd	-	-
For air-to-water heat pumps: Operation limit temperature	TOL	-10	°C
Cycling interval efficiency	COP_{cyc}	-	-
Heating water operating limit temperature	W_{TOL}	60	°C
Supplementary heater			
Rated heat output (**)	P_{sup}	1.40	kW
Type of energy input	Electrical		

Other items			
Capacity control	variable		
Sound power level, indoors/outdoors	L_{WA}	-/65	dB
Annual energy consumption	Q_{HE}	7203	kWh

For air-to-water heat pumps: Rated air flow rate, outdoors	-	4060	m^3/h
For water-or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m^3/h

For heat pump combination heater:			
Declared load profile	-		
Daily electricity consumption	Q_{clec}	-	kWh
Annual electricity consumption	AEC	-	kWh

Water heating energy efficiency	η_{wh}	-	%
Daily fuel consumption	Q_{fuel}	-	kWh
Annual fuel consumption	AFC	-	GJ

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(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).
(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

IDOLA M 3.2 Mod. 14-T / 14-T HI3 / 14-T HI9 - Modo riscadamento - Clima più freddo - Media temperatura (55°C) / Heating mode - Colder climate - Medium temperature (55°C)

Technical parameters

Model(s):	IDOLA M 3.2 Mod. 14-T / 14-T HI3 / 14-T HI9
Air-to-water heat pump:	YES
Water-to-water heat pump:	NO
Brine-to-water heat pump:	NO
Low-temperature heat pump:	NO
Equipped with a supplementary heater:	NO
Heat pump combination heater:	NO
Declared climate condition:	COLDER

Parameters are declared for medium-temperature application.

Parameters are declared for medium-temperature (55°C) application.

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	11.0	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	Pdh	6.89	kW
Tj = 2℃	Pdh	4.32	kW
Tj = 7℃	Pdh	3.06	kW
Tj = 12℃	Pdh	3.33	kW
Tj = bivalent temperature	Pdh	8.94	kW
Tj = operating limit	Pdh	4.20	kW
For air-to-water heat pumps: Tj = -15℃	Pdh	-	kW
Bivalent temperature	T_{biv}	-15	°C
Cycling interval capacity for heating	P_{cych}	-	kW
Degradation co-efficient (**)	C_{dh}	0.9	--
Power consumption in modes other than active mode			
Off mode	P_{off}	0.020	kW
Standby mode	P_{sb}	0.020	kW
Thermostat-off mode	P_{to}	0.030	kW
Crankcase heater mode	P_{ck}	0.000	kW

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	η_s	119	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	COPd	2.66	-
Tj = 2℃	COPd	3.66	-
Tj = 7℃	COPd	4.72	-
Tj = 12℃	COPd	6.25	-
Tj = bivalent temperature	COPd	1.79	-
Tj = operating limit	COPd	1.13	-
For air-to-water heat pumps: Tj = -15℃	COPd	-	-
For air-to-water heat pumps: Operation limit temperature	TOL	-22	°C
Cycling interval efficiency	COP_{cyc}	-	-
Heating water operating limit temperature	W_{TOL}	51	°C
Supplementary heater			
Rated heat output (**)	P_{sup}	6.80	kW
Type of energy input	Electrical		

Other items			
Capacity control	variable		
Sound power level, indoors/outdoors	L_{WA}	-	dB
Annual energy consumption	Q_{HE}	8867	kWh

For air-to-water heat pumps: Rated air flow rate, outdoors	-	4060	m^3/h
For water-or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m^3/h

For heat pump combination heater:			
Declared load profile	-		
Daily electricity consumption	Q_{clec}	-	kWh
Annual electricity consumption	AEC	-	kWh

Water heating energy efficiency	η_{wh}	-	%
Daily fuel consumption	Q_{fuel}	-	kWh
Annual fuel consumption	AFC	-	GJ

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(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).
(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

FOGLIO DATI TECNICI ERP PER RISCALDAMENTO AMBIENTE / ERP TECHNICAL DATA SHEET FOR SPACE HEATING

IDOLA M 3.2 Mod. 14-T / 14-T HI3 / 14-T HI9 - Modo riscadamento - Clima più caldo - Media temperatura (55°C) / Heating mode - Warmer climate - Medium temperature (55°C)

Technical parameters

Model(s):	IDOLA M 3.2 Mod. 14-T / 14-T HI3 / 14-T HI9
Air-to-water heat pump:	YES
Water-to-water heat pump:	NO
Brine-to-water heat pump:	NO
Low-temperature heat pump:	NO
Equipped with a supplementary heater:	NO
Heat pump combination heater:	NO
Declared climate condition:	WARMER

Parameters are declared for medium-temperature application.

Parameters are declared for medium-temperature (55°C) application.

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	13.7	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	Pdh	-	kW
Tj = 2℃	Pdh	13.04	kW
Tj = 7℃	Pdh	8.83	kW
Tj = 12℃	Pdh	4.08	kW
Tj = bivalent temperature	Pdh	8.83	kW
Tj = operating limit	Pdh	13.04	kW
For air-to-water heat pumps: Tj = -15℃	Pdh	-	kW
Bivalent temperature	T_{biv}	7	°C
Cycling interval capacity for heating	P_{cych}	-	kW
Degradation co-efficient (**)	C_{dh}	0.9	--
Power consumption in modes other than active mode			
Off mode	P_{off}	0.020	kW
Standby mode	P_{sb}	0.020	kW
Thermostat-off mode	P_{to}	0.030	kW
Crankcase heater mode	P_{ck}	0.000	kW

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	η_s	176	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	COPd	-	-
Tj = 2℃	COPd	2.20	-
Tj = 7℃	COPd	3.91	-
Tj = 12℃	COPd	5.90	-
Tj = bivalent temperature	COPd	3.91	-
Tj = operating limit	COPd	2.20	-
For air-to-water heat pumps: Tj = -15℃	COPd	-	-
For air-to-water heat pumps: Operation limit temperature	TOL	2	°C
Cycling interval efficiency	COP_{cyc}	-	-
Heating water operating limit temperature	W_{TOL}	62	°C
Supplementary heater			
Rated heat output (**)	P_{sup}	0.66	kW
Type of energy input	Electrical		

Other items			
Capacity control	variable		
Sound power level, indoors/outdoors	L_{WA}	-	dB
Annual energy consumption	Q_{HE}	4092	kWh

For air-to-water heat pumps: Rated air flow rate, outdoors	-	4060	m^3/h
For water-or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m^3/h

For heat pump combination heater:			
Declared load profile	-		
Daily electricity consumption	Q_{clec}	-	kWh
Annual electricity consumption	AEC	-	kWh

Water heating energy efficiency	η_{wh}	-	%
Daily fuel consumption	Q_{fuel}	-	kWh
Annual fuel consumption	AFC	-	GJ

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(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).
(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

FOGLIO DATI TECNICI ERP PER RISCALDAMENTO AMBIENTE / ERP TECHNICAL DATA SHEET FOR SPACE HEATING

IDOLA M 3.2 Mod. 16-T / 16-T HI3 / 16-T HI9 - Modo riscadamento - Clima medio - Media temperatura (55°C) / Heating mode - Average climate - Medium temperature (55°C)

Technical parameters

Model(s):	IDOLA M 3.2 Mod. 16-T / 16-T HI3 / 16-T HI9
Air-to-water heat pump:	YES
Water-to-water heat pump:	NO
Brine-to-water heat pump:	NO
Low-temperature heat pump:	NO
Equipped with a supplementary heater:	NO
Heat pump combination heater:	NO
Declared climate condition:	AVERAGE

Parameters are declared for medium-temperature application.

Parameters are declared for medium-temperature (55°C) application.

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	13.0	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	Pdh	11.52	kW
Tj = 2℃	Pdh	7.18	kW
Tj = 7℃	Pdh	4.67	kW
Tj = 12℃	Pdh	3.31	kW
Tj = bivalent temperature	Pdh	11.52	kW
Tj = operating limit	Pdh	10.33	kW
For air-to-water heat pumps: Tj = -15℃	Pdh	-	kW
Bivalent temperature	T_{biv}	-7	°C
Cycling interval capacity for heating	P_{cych}	-	kW
Degradation co-efficient (**)	C_{dh}	0.9	--
Power consumption in modes other than active mode			
Off mode	P_{off}	0.020	kW
Standby mode	P_{sb}	0.020	kW
Thermostat-off mode	P_{to}	0.030	kW
Crankcase heater mode	P_{ck}	0.000	kW

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	η_s	133	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	COPd	1.99	-
Tj = 2℃	COPd	3.34	-
Tj = 7℃	COPd	4.61	-
Tj = 12℃	COPd	6.07	-
Tj = bivalent temperature	COPd	1.99	-
Tj = operating limit	COPd	1.80	-
For air-to-water heat pumps: Tj = -15℃	COPd	-	-
For air-to-water heat pumps: Operation limit temperature	TOL	-10	°C
Cycling interval efficiency	COP_{cyc}	-	-
Heating water operating limit temperature	W_{TOL}	60	°C
Supplementary heater			
Rated heat output (**)	P_{sup}	2.67	kW
Type of energy input	Electrical		

Other items			
Capacity control	variable		
Sound power level, indoors/outdoors	L_{WA}	-/68	dB
Annual energy consumption	Q_{HE}	7896	kWh

For air-to-water heat pumps: Rated air flow rate, outdoors	-	4650	m^3/h
For water-or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m^3/h

For heat pump combination heater:			
Declared load profile	-		
Daily electricity consumption	Q_{clec}	-	kWh
Annual electricity consumption	AEC	-	kWh

Water heating energy efficiency	η_{wh}	-	%
Daily fuel consumption	Q_{fuel}	-	kWh
Annual fuel consumption	AFC	-	GJ

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(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).
(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

IDOLA M 3.2 Mod. 16-T / 16-T HI3 / 16-T HI9 - Modo riscadamento - Clima più freddo - Media temperatura (55°C) / Heating mode - Colder climate - Medium temperature (55°C)

Technical parameters

Model(s):	IDOLA M 3.2 Mod. 16-T / 16-T HI3 / 16-T HI9
Air-to-water heat pump:	YES
Water-to-water heat pump:	NO
Brine-to-water heat pump:	NO
Low-temperature heat pump:	NO
Equipped with a supplementary heater:	NO
Heat pump combination heater:	NO
Declared climate condition:	COLDER

Parameters are declared for medium-temperature application.

Parameters are declared for medium-temperature (55°C) application.

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	11.8	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	Pdh	7.64	kW
Tj = 2℃	Pdh	4.42	kW
Tj = 7℃	Pdh	2.97	kW
Tj = 12℃	Pdh	3.43	kW
Tj = bivalent temperature	Pdh	9.61	kW
Tj = operating limit	Pdh	5.21	kW
For air-to-water heat pumps: Tj = -15℃	Pdh	-	kW
Bivalent temperature	T_{biv}	-15	°C
Cycling interval capacity for heating	P_{cych}	-	kW
Degradation co-efficient (**)	C_{dh}	0.9	--
Power consumption in modes other than active mode			
Off mode	P_{off}	0.020	kW
Standby mode	P_{sb}	0.020	kW
Thermostat-off mode	P_{to}	0.030	kW
Crankcase heater mode	P_{ck}	0.000	kW

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	η_s	122	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	COPd	2.65	-
Tj = 2℃	COPd	3.79	-
Tj = 7℃	COPd	4.81	-
Tj = 12℃	COPd	6.29	-
Tj = bivalent temperature	COPd	1.86	-
Tj = operating limit	COPd	1.23	-
For air-to-water heat pumps: Tj = -15℃	COPd	-	-
For air-to-water heat pumps: Operation limit temperature	TOL	-22	°C
Cycling interval efficiency	COP_{cyc}	-	-
Heating water operating limit temperature	W_{TOL}	51	°C
Supplementary heater			
Rated heat output (**)	P_{sup}	6.59	kW
Type of energy input	Electrical		

Other items			
Capacity control	variable		
Sound power level, indoors/outdoors	L_{WA}	-	dB
Annual energy consumption	Q_{HE}	9310	kWh

For air-to-water heat pumps: Rated air flow rate, outdoors	-	4650	m^3/h
For water-or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m^3/h

For heat pump combination heater:			
Declared load profile	-		
Daily electricity consumption	Q_{clec}	-	kWh
Annual electricity consumption	AEC	-	kWh

Water heating energy efficiency	η_{wh}	-	%
Daily fuel consumption	Q_{fuel}	-	kWh
Annual fuel consumption	AFC	-	GJ

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(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).
(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

IDOLA M 3.2 Mod. 16-T / 16-T HI3 / 16-T HI9 - Modo riscadamento - Clima più caldo - Media temperatura (55°C) / Heating mode - Warmer climate - Medium temperature (55°C)

Technical parameters

Model(s):	**IDOLA M 3.2 Mod. 16-T / 16-T HI3 / 16-T HI9**
Air-to-water heat pump:	YES
Water-to-water heat pump:	NO
Brine-to-water heat pump:	NO
Low-temperature heat pump:	NO
Equipped with a supplementary heater:	NO
Heat pump combination heater:	NO
Declared climate condition:	WARMER

Parameters are declared for medium-temperature application.

Parameters are declared for medium-temperature (55°C) application.

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	13.8	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	Pdh	-	kW
Tj = 2℃	Pdh	13.38	kW
Tj = 7℃	Pdh	8.86	kW
Tj = 12℃	Pdh	4.06	kW
Tj = bivalent temperature	Pdh	8.86	kW
Tj = operating limit	Pdh	13.38	kW
For air-to-water heat pumps: Tj = -15℃	Pdh	-	kW
Bivalent temperature	T_{biv}	7	°C
Cycling interval capacity for heating	P_{cych}	-	kW
Degradation co-efficient (**)	C_{dh}	0.9	--
Power consumption in modes other than active mode			
Off mode	P_{off}	0.014	kW
Standby mode	P_{sb}	0.014	kW
Thermostat-off mode	P_{to}	0.029	kW
Crankcase heater mode	P_{ck}	0.000	kW

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	η_s	176	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7℃	COPd	-	-
Tj = 2℃	COPd	2.29	-
Tj = 7℃	COPd	3.84	-
Tj = 12℃	COPd	5.86	-
Tj = bivalent temperature	COPd	3.84	-
Tj = operating limit	COPd	2.29	-
For air-to-water heat pumps: Tj = -15℃	COPd	-	-
For air-to-water heat pumps: Operation limit temperature	TOL	2	°C
Cycling interval efficiency	COP_{cyc}	-	-
Heating water operating limit temperature	W_{TOL}	62	°C
Supplementary heater			
Rated heat output (**)	P_{sup}	0.42	kW
Type of energy input	Electrical		

Other items			
Capacity control	variable		
Sound power level, indoors/outdoors	L_{WA}	-	dB
Annual energy consumption	Q_{HE}	4116	kWh

For air-to-water heat pumps: Rated air flow rate, outdoors	-	4650	m^3/h
For water-or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m^3/h

For heat pump combination heater:			
Declared load profile	-		
Daily electricity consumption	Q_{clec}	-	kWh
Annual electricity consumption	AEC	-	kWh

Water heating energy efficiency	η_{wh}	-	%
Daily fuel consumption	Q_{fuel}	-	kWh
Annual fuel consumption	AFC	-	GJ

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(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).
(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

FOGLIO DATI TECNICI ERP PER RAFFREDDAMENTO AMBIENTE ERP TECHNICAL DATA SHEET FOR SPACE COOLING

IDOLA M 3.2 Mod. 4 / 4 HI3 - Modo raffreddamento - Clima Medio - Bassa temperatura (7°C) / Cooling mode - Average climate - Low temperature (7°C)

Model(s):	**IDOLA M 3.2 Mod. 4 / 4 HI3**
Outdoor side heat exchanger of chiller:	Air to water
Indoor side heat exchanger chiller:	Water
Type:	Compressor driven vapour compression
Driver of compressor:	Electric motor

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated cooling capacity	$P_{rated,c}$	4.7	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	197	%
Declared cooling capacity for part load at given outdoor temperature Tj				Declared energy efficiency ratio for part load at given outdoor temperature Tj			
Tj=+35℃	P_{dc}	4.66	kW	Tj=+35℃	EER_d	3.52	-
Tj=+30℃	P_{dc}	3.66	kW	Tj=+30℃	EER_d	4.76	-
Tj=+25℃	P_{dc}	2.21	kW	Tj=+25℃	EER_d	5.72	-
Tj=+20℃	P_{dc}	0.94	kW	Tj=+20℃	EER_d	5.72	-
Degradation co-efficient for chillers (*)	C_{dc}	0.9	-				
Power consumption in modes other than "active mode"							
Off mode	P_{OFF}	0.014	kW	Crankcase heater mode	P_{CK}	0.000	kW
Thermosat-off mode	P_{TO}	0.010	kW	Standby mode	P_{SB}	0.014	kW
Other items							
Capacity control	variable			For air-to-water comfort chillers: air flow rate, outdoor measured	-	2770	m^3/h
Sound power level, indoors / outdoors	L_{WA}	-/56	dB				
Emissions of nitrogen oxides (if applicable)	NO_x (**)	-	mg/kWh input GCV	For water / brine-to-water chillers: Rated brine or water flow rate, outdoor side heat exchanger	-	-	m^3/h
GWP of the refrigerant	-	675	kg CO_2 eq (100years)				
Standard rating conditions used	Low temperature application						
Contact details	Ferroli spa ¬ 37047 San Bonifacio (Verona) Italy ¬ Via Ritonda 78/A - tel. +39.045.6139411 ¬ fax +39.045.6100933 ¬ www.ferroli.com						

(*) If C_{dc} is not determined by measurement then the default degradation coefficient of chillers shall be 0,9. (**) From 26 September 2018.

FOGLIO DATI TECNICI ERP PER RAFFREDDAMENTO AMBIENTE ERP TECHNICAL DATA SHEET FOR SPACE COOLING

IDOLA M 3.2 Mod. 4 / 4 HI3 - Modo raffreddamento - Clima Medio - Media temperature (18°C) / Cooling mode - Average climate - Medium temperature (18°C)

Model(s):	**IDOLA M 3.2 Mod. 4 / 4 HI3**
Outdoor side heat exchanger of chiller:	Air to water
Indoor side heat exchanger chiller:	Water
Type:	Compressor driven vapour compression
Driver of compressor:	Electric motor

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated cooling capacity	$P_{rated,c}$	4.5	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	308	%
Declared cooling capacity for part load at given outdoor temperature Tj				Declared energy efficiency ratio for part load at given outdoor temperature Tj			
Tj=+35℃	P_{dc}	4.51	kW	Tj=+35℃	EER_d	5.54	-
Tj=+30℃	P_{dc}	3.44	kW	Tj=+30℃	EER_d	7.23	-
Tj=+25℃	P_{dc}	2.19	kW	Tj=+25℃	EER_d	8.94	-
Tj=+20℃	P_{dc}	1.13	kW	Tj=+20℃	EER_d	10.48	-
Degradation co-efficient for chillers (*)	C_{dc}	0.9	-				
Power consumption in modes other than "active mode"							
Off mode	P_{OFF}	0.014	kW	Crankcase heater mode	P_{CK}	0.000	kW
Thermosat-off mode	P_{TO}	0.010	kW	Standby mode	P_{SB}	0.014	kW
Other items							
Capacity control	variable			For air-to-water comfort chillers: air flow rate, outdoor measured	-	2770	m^3/h
Sound power level, indoors / outdoors	L_{WA}	-/56	dB				
Emissions of nitrogen oxides (if applicable)	NO_x (**)	-	mg/kWh input GCV	For water / brine-to-water chillers: Rated brine or water flow rate, outdoor side heat exchanger	-	-	m^3/h
GWP of the refrigerant	-	675	kg CO_2 eq (100years)				
Standard rating conditions used	Medium temperature application						
Contact details	Ferroli spa ¬ 37047 San Bonifacio (Verona) Italy ¬ Via Ritonda 78/A - tel. +39.045.6139411 ¬ fax +39.045.6100933 ¬ www.ferroli.com						

(*) If C_{dc} is not determined by measurement then the default degradation coefficient of chillers shall be 0,9.
(**) From 26 September 2018.

FOGLIO DATI TECNICI ERP PER RAFFREDDAMENTO AMBIENTE ERP TECHNICAL DATA SHEET FOR SPACE COOLING

IDOLA M 3.2 Mod. 6 / 6 HI3 - Modo raffreddamento - Clima Medio - Bassa temperatura (7°C) / Cooling mode - Average climate - Low temperature (7°C)

Model(s):	**IDOLA M 3.2 Mod. 6 / 6 HI3**
Outdoor side heat exchanger of chiller:	Air to water
Indoor side heat exchanger chiller:	Water
Type:	Compressor driven vapour compression
Driver of compressor:	Electric motor

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated cooling capacity	$P_{rated,c}$	6.3	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	*211*	%
Declared cooling capacity for part load at given outdoor temperature Tj				Declared energy efficiency ratio for part load at given outdoor temperature Tj			
Tj=+35℃	P_{dc}	6.35	kW	Tj=+35℃	EER_d	*2.93*	-
Tj=+30℃	P_{dc}	4.76	kW	Tj=+30℃	EER_d	*4.53*	-
Tj=+25℃	P_{dc}	3.02	kW	Tj=+25℃	EER_d	*6.32*	-
Tj=+20℃	P_{dc}	1.39	kW	Tj=+20℃	EER_d	*7.20*	-
Degradation co-efficient for chillers (*)	C_{dc}	0.9	-				
Power consumption in modes other than "active mode"							
Off mode	P_{OFF}	0.014	kW	Crankcase heater mode	P_{CK}	*0.000*	kW
Thermosat-off mode	P_{TO}	0.010	kW	Standby mode	P_{SB}	*0.014*	kW
Other items							
Capacity control	variable			For air-to-water comfort chillers: air flow rate, outdoor measured	-	*2770*	m^3/h
Sound power level, indoors / outdoors	L_{WA}	-/60	dB				
Emissions of nitrogen oxides (if applicable)	NO_x (**)	-	mg/kWh input GCV	For water / brine-to-water chillers: Rated brine or water flow rate, outdoor side heat exchanger	-	-	m^3/h
GWP of the refrigerant	-	675	kg CO_2 eq (100years)				
Standard rating conditions used	Low temperature application						
Contact details	Ferroli spa ¬ 37047 San Bonifacio (Verona) Italy ¬ Via Ritonda 78/A - tel. +39.045.6139411 ¬ fax +39.045.6100933 ¬ www.ferroli.com						

(*) If C_{dc} is not determined by measurement then the default degradation coefficient of chillers shall be 0,9.
(**) From 26 September 2018.

FOGLIO DATI TECNICI ERP PER RAFFREDDAMENTO AMBIENTE ERP TECHNICAL DATA SHEET FOR SPACE COOLING

IDOLA M 3.2 Mod. 6 / 6 HI3 - Modo raffreddamento - Clima Medio - Media temperature (18°C) / Cooling mode - Average climate - Medium temperature (18°C)

Model(s):	**IDOLA M 3.2 Mod. 6 / 6 HI3**
Outdoor side heat exchanger of chiller:	Air to water
Indoor side heat exchanger chiller:	Water
Type:	Compressor driven vapour compression
Driver of compressor:	Electric motor

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated cooling capacity	$P_{rated,c}$	6.5	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	325	%
Declared cooling capacity for part load at given outdoor temperature Tj				Declared energy efficiency ratio for part load at given outdoor temperature Tj			
Tj=+35℃	P_{dc}	6.55	kW	Tj=+35℃	EER_d	4.69	-
Tj=+30℃	P_{dc}	4.84	kW	Tj=+30℃	EER_d	7.16	-
Tj=+25℃	P_{dc}	3.26	kW	Tj=+25℃	EER_d	9.64	-
Tj=+20℃	P_{dc}	1.41	kW	Tj=+20℃	EER_d	11.48	-
Degradation co-efficient for chillers (*)	C_{dc}	0.9	-				
Power consumption in modes other than "active mode"							
Off mode	P_{OFF}	0.014	kW	Crankcase heater mode	P_{CK}	0.000	kW
Thermosat-off mode	P_{TO}	0.010	kW	Standby mode	P_{SB}	0.014	kW
Other items							
Capacity control	variable			For air-to-water comfort chillers: air flow rate, outdoor measured	-	2770	m^3/h
Sound power level, indoors / outdoors	L_{WA}	-/58	dB				
Emissions of nitrogen oxides (if applicable)	NO_x (**)	-	mg/kWh input GCV	For water / brine-to-water chillers: Rated brine or water flow rate, outdoor side heat exchanger	-	-	m^3/h
GWP of the refrigerant	-	675	kg CO_2 eq (100years)				
Standard rating conditions used	Medium temperature application						
Contact details	Ferroli spa ¬ 37047 San Bonifacio (Verona) Italy ¬ Via Ritonda 78/A - tel. +39.045.6139411 ¬ fax +39.045.6100933 ¬ www.ferroli.com						

(*) If C_{dc} is not determined by measurement then the default degradation coefficient of chillers shall be 0,9.
(**) From 26 September 2018.

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FOGLIO DATI TECNICI ERP PER RAFFREDDAMENTO AMBIENTE ERP TECHNICAL DATA SHEET FOR SPACE COOLING

IDOLA M 3.2 Mod. 8 / 8 HI3 / 8 HI9 - Modo raffreddamento - Clima Medio - Bassa temperatura (7°C) / Cooling mode - Average climate - Low temperature (7°C)

Model(s):	**IDOLA M 3.2 Mod. 8 / 8 HI3 / 8 HI9**
Outdoor side heat exchanger of chiller:	Air to water
Indoor side heat exchanger chiller:	Water
Type:	Compressor driven vapour compression
Driver of compressor:	Electric motor

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated cooling capacity	$P_{rated,c}$	7.4	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	230	%
Declared cooling capacity for part load at given outdoor temperature Tj				Declared energy efficiency ratio for part load at given outdoor temperature Tj			
Tj=+35℃	P_{dc}	7.38	kW	Tj=+35℃	EER_d	3.39	-
Tj=+30℃	P_{dc}	5.72	kW	Tj=+30℃	EER_d	4.71	-
Tj=+25℃	P_{dc}	3.62	kW	Tj=+25℃	EER_d	6.65	-
Tj=+20℃	P_{dc}	1.64	kW	Tj=+20℃	EER_d	8.55	-
Degradation co-efficient for chillers (*)	C_{dc}	0.9	-				
Power consumption in modes other than "active mode"							
Off mode	P_{OFF}	0.014	kW	Crankcase heater mode	P_{CK}	0.000	kW
Thermosat-off mode	P_{TO}	0.010	kW	Standby mode	P_{SB}	0.014	kW
Other items							
Capacity control	variable			For air-to-water comfort chillers: air flow rate, outdoor measured	-	4030	m^3/h
Sound power level, indoors / outdoors	L_{WA}	-/60	dB				
Emissions of nitrogen oxides (if applicable)	NO_x (**)	-	mg/kWh input GCV	For water / brine-to-water chillers: Rated brine or water flow rate, outdoor side heat exchanger	-	-	m^3/h
GWP of the refrigerant	-	675	kg CO_2 eq (100years)				
Standard rating conditions used	Low temperature application						
Contact details	Ferroli spa ¬ 37047 San Bonifacio (Verona) Italy ¬ Via Ritonda 78/A - tel. +39.045.6139411 ¬ fax +39.045.6100933 ¬ www.ferroli.com						

(*) If C_{dc} is not determined by measurement then the default degradation coefficient of chillers shall be 0,9.
(**) From 26 September 2018.

FOGLIO DATI TECNICI ERP PER RAFFREDDAMENTO AMBIENTE ERP TECHNICAL DATA SHEET FOR SPACE COOLING

IDOLA M 3.2 Mod. 8 / 8 HI3 / 8 HI9 - Modo raffreddamento - Clima Medio - Media temperature (18°C) / Cooling mode - Average climate - Medium temperature (18°C)

Model(s):	**IDOLA M 3.2 Mod. 8 / 8 HI3 / 8 HI9**
Outdoor side heat exchanger of chiller:	Air to water
Indoor side heat exchanger chiller:	Water
Type:	Compressor driven vapour compression
Driver of compressor:	Electric motor

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated cooling capacity	$P_{rated,c}$	8.4	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	355	%
Declared cooling capacity for part load at given outdoor temperature Tj				Declared energy efficiency ratio for part load at given outdoor temperature Tj			
Tj=+35℃	P_{dc}	8.37	kW	Tj=+35℃	EER_d	5.09	-
Tj=+30℃	P_{dc}	6.47	kW	Tj=+30℃	EER_d	7.02	-
Tj=+25℃	P_{dc}	4.31	kW	Tj=+25℃	EER_d	10.67	-
Tj=+20℃	P_{dc}	1.80	kW	Tj=+20℃	EER_d	13.61	-
Degradation co-efficient for chillers (*)	C_{dc}	0.9	-				
Power consumption in modes other than "active mode"							
Off mode	P_{OFF}	0.014	kW	Crankcase heater mode	P_{CK}	0.000	kW
Thermosat-off mode	P_{TO}	0.010	kW	Standby mode	P_{SB}	0.014	kW
Other items							
Capacity control	variable			For air-to-water comfort chillers: air flow rate, outdoor measured	-	4030	m^3/h
Sound power level, indoors / outdoors	L_{WA}	-/60	dB				
Emissions of nitrogen oxides (if applicable)	NO_x (**)	-	mg/kWh input GCV	For water / brine-to-water chillers: Rated brine or water flow rate, outdoor side heat exchanger	-	-	m^3/h
GWP of the refrigerant	-	675	kg CO_2 eq (100years)				
Standard rating conditions used	Medium temperature application						
Contact details	Ferroli spa ¬ 37047 San Bonifacio (Verona) Italy ¬ Via Ritonda 78/A - tel. +39.045.6139411 ¬ fax +39.045.6100933 ¬ www.ferroli.com						

(*) If C_{dc} is not determined by measurement then the default degradation coefficient of chillers shall be 0,9.
(**) From 26 September 2018.

FOGLIO DATI TECNICI ERP PER RAFFREDDAMENTO AMBIENTE ERP TECHNICAL DATA SHEET FOR SPACE COOLING

IDOLA M 3.2 Mod. 10 / 10 HI3 / 10 HI9 - Modo raffreddamento - Clima Medio - Bassa temperatura (7°C) / Cooling mode - Average climate - Low temperature (7°C)

Model(s):	**IDOLA M 3.2 Mod. 10 / 10 HI3 / 10 HI9**
Outdoor side heat exchanger of chiller:	Air to water
Indoor side heat exchanger chiller:	Water
Type:	Compressor driven vapour compression
Driver of compressor:	Electric motor

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated cooling capacity	$P_{rated,c}$	8.7	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	236	%
Declared cooling capacity for part load at given outdoor temperature Tj				Declared energy efficiency ratio for part load at given outdoor temperature Tj			
Tj=+35℃	P_{dc}	8.73	kW	Tj=+35℃	EER_d	3.21	-
Tj=+30℃	P_{dc}	6.68	kW	Tj=+30℃	EER_d	4.47	-
Tj=+25℃	P_{dc}	4.26	kW	Tj=+25℃	EER_d	7.02	-
Tj=+20℃	P_{dc}	1.94	kW	Tj=+20℃	EER_d	9.54	-
Degradation co-efficient for chillers (*)	C_{dc}	0.9	-				
Power consumption in modes other than "active mode"							
Off mode	P_{OFF}	0.014	kW	Crankcase heater mode	P_{CK}	0.000	kW
Thermosat-off mode	P_{TO}	0.010	kW	Standby mode	P_{SB}	0.014	kW
Other items							
Capacity control	variable			For air-to-water comfort chillers: air flow rate, outdoor measured	-	4030	m^3/h
Sound power level, indoors / outdoors	L_{WA}	-/60	dB				
Emissions of nitrogen oxides (if applicable)	NO_x (**)	-	mg/kWh input GCV	For water / brine-to-water chillers: Rated brine or water flow rate, outdoor side heat exchanger	-	-	m^3/h
GWP of the refrigerant	-	675	kg CO_2 eq (100years)				
Standard rating conditions used	Low temperature application						
Contact details	Ferroli spa ¬ 37047 San Bonifacio (Verona) Italy ¬ Via Ritonda 78/A - tel. +39.045.6139411 ¬ fax +39.045.6100933 ¬ www.ferroli.com						

(*) If C_{dc} is not determined by measurement then the default degradation coefficient of chillers shall be 0,9.
(**) From 26 September 2018.

FOGLIO DATI TECNICI ERP PER RAFFREDDAMENTO AMBIENTE ERP TECHNICAL DATA SHEET FOR SPACE COOLING

IDOLA M 3.2 Mod. 10 / 10 HI3 / 10 HI9 - Modo raffreddamento - Clima Medio - Media temperature (18°C) / Cooling mode - Average climate - Medium temperature (18°C)

Model(s):	**IDOLA M 3.2 Mod. 10 / 10 HI3 / 10 HI9**
Outdoor side heat exchanger of chiller:	Air to water
Indoor side heat exchanger chiller:	Water
Type:	Compressor driven vapour compression
Driver of compressor:	Electric motor

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated cooling capacity	$P_{rated,c}$	10.0	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	348	%
Declared cooling capacity for part load at given outdoor temperature Tj				Declared energy efficiency ratio for part load at given outdoor temperature Tj			
Tj=+35℃	P_{dc}	10.01	kW	Tj=+35℃	EER_d	4.64	-
Tj=+30℃	P_{dc}	7.71	kW	Tj=+30℃	EER_d	6.45	-
Tj=+25℃	P_{dc}	5.03	kW	Tj=+25℃	EER_d	10.36	-
Tj=+20℃	P_{dc}	2.32	kW	Tj=+20℃	EER_d	14.98	-
Degradation co-efficient for chillers (*)	C_{dc}	0.9	-				
Power consumption in modes other than "active mode"							
Off mode	P_{OFF}	0.014	kW	Crankcase heater mode	P_{CK}	0.000	kW
Thermosat-off mode	P_{TO}	0.010	kW	Standby mode	P_{SB}	0.014	kW
Other items							
Capacity control	variable			For air-to-water comfort chillers: air flow rate, outdoor measured	-	4030	m^3/h
Sound power level, indoors / outdoors	L_{WA}	-/60	dB				
Emissions of nitrogen oxides (if applicable)	NO_x (**)	-	mg/kWh input GCV	For water / brine-to-water chillers: Rated brine or water flow rate, outdoor side heat exchanger	-	-	m^3/h
GWP of the refrigerant	-	675	kg CO_2 eq (100years)				
Standard rating conditions used	Medium temperature application						
Contact details	Ferroli spa ¬ 37047 San Bonifacio (Verona) Italy ¬ Via Ritonda 78/A - tel. +39.045.6139411 ¬ fax +39.045.6100933 ¬ www.ferroli.com						

(*) If C_{dc} is not determined by measurement then the default degradation coefficient of chillers shall be 0,9.
(**) From 26 September 2018.

FOGLIO DATI TECNICI ERP PER RAFFREDDAMENTO AMBIENTE ERP TECHNICAL DATA SHEET FOR SPACE COOLING

IDOLA M 3.2 Mod. 12 / 12 HI3 / 12 HI9 - Modo raffreddamento - Clima Medio - Bassa temperatura (7°C) / Cooling mode - Average climate - Low temperature (7°C)

Model(s):	**IDOLA M 3.2 Mod. 12 / 12 HI3 / 12 HI9**
Outdoor side heat exchanger of chiller:	Air to water
Indoor side heat exchanger chiller:	Water
Type:	Compressor driven vapour compression
Driver of compressor:	Electric motor

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated cooling capacity	$P_{rated,c}$	11.3	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	192	%
Declared cooling capacity for part load at given outdoor temperature Tj				Declared energy efficiency ratio for part load at given outdoor temperature Tj			
Tj=+35℃	P_{dc}	11.31	kW	Tj=+35℃	EER_d	2.61	-
Tj=+30℃	P_{dc}	8.76	kW	Tj=+30℃	EER_d	3.93	-
Tj=+25℃	P_{dc}	5.81	kW	Tj=+25℃	EER_d	5.73	-
Tj=+20℃	P_{dc}	2.63	kW	Tj=+20℃	EER_d	6.75	-
Degradation co-efficient for chillers (*)	C_{dc}	0.9	-				
Power consumption in modes other than "active mode"							
Off mode	P_{OFF}	0.014	kW	Crankcase heater mode	P_{CK}	0.000	kW
Thermosat-off mode	P_{TO}	0.010	kW	Standby mode	P_{SB}	0.014	kW
Other items							
Capacity control	variable			For air-to-water comfort chillers: air flow rate, outdoor measured	-	4060	m^3/h
Sound power level, indoors / outdoors	L_{WA}	-/65	dB				
Emissions of nitrogen oxides (if applicable)	NO_x (**)	-	mg/kWh input GCV	For water / brine-to-water chillers: Rated brine or water flow rate, outdoor side heat exchanger	-	-	m^3/h
GWP of the refrigerant	-	675	kg CO_2 eq (100years)				
Standard rating conditions used	Low temperature application						
Contact details	Ferroli spa ¬ 37047 San Bonifacio (Verona) Italy ¬ Via Ritonda 78/A - tel. +39.045.6139411 ¬ fax +39.045.6100933 ¬ www.ferroli.com						

(*) If C_{dc} is not determined by measurement then the default degradation coefficient of chillers shall be 0,9.
(**) From 26 September 2018.

FOGLIO DATI TECNICI ERP PER RAFFREDDAMENTO AMBIENTE ERP TECHNICAL DATA SHEET FOR SPACE COOLING

IDOLA M 3.2 Mod. 12 / 12 HI3 / 12 HI9 - Modo raffreddamento - Clima Medio - Media temperature (18°C) / Cooling mode - Average climate - Medium temperature (18°C)

Model(s):	**Mod. 12 / 12 HI3 / 12 HI9IDOLA M 3.2**
Outdoor side heat exchanger of chiller:	Air to water
Indoor side heat exchanger chiller:	Water
Type:	Compressor driven vapour compression
Driver of compressor:	Electric motor

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated cooling capacity	$P_{rated,c}$	11.8	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	281	%
Declared cooling capacity for part load at given outdoor temperature Tj				Declared energy efficiency ratio for part load at given outdoor temperature Tj			
Tj=+35℃	P_{dc}	11.77	kW	Tj=+35℃	EER_d	3.87	-
Tj=+30℃	P_{dc}	9.21	kW	Tj=+30℃	EER_d	5.50	-
Tj=+25℃	P_{dc}	5.74	kW	Tj=+25℃	EER_d	8.66	-
Tj=+20℃	P_{dc}	3.33	kW	Tj=+20℃	EER_d	10.07	-
Degradation co-efficient for chillers (*)	C_{dc}	0.9	-				
Power consumption in modes other than "active mode"							
Off mode	P_{OFF}	0.014	kW	Crankcase heater mode	P_{CK}	0.000	kW
Thermosat-off mode	P_{TO}	0.010	kW	Standby mode	P_{SB}	0.014	kW
Other items							
Capacity control	variable			For air-to-water comfort chillers: air flow rate, outdoor measured	-	4060	m^3/h
Sound power level, indoors / outdoors	L_{WA}	-/64	dB				
Emissions of nitrogen oxides (if applicable)	NO_x (**)	-	mg/kWh input GCV	For water / brine-to-water chillers: Rated brine or water flow rate, outdoor side heat exchanger	-	-	m^3/h
GWP of the refrigerant	-	675	kg CO_2 eq (100years)				
Standard rating conditions used	Medium temperature application						
Contact details	Ferroli spa ¬ 37047 San Bonifacio (Verona) Italy ¬ Via Ritonda 78/A - tel. +39.045.6139411 ¬ fax +39.045.6100933 ¬ www.ferroli.com						

(*) If C_{dc} is not determined by measurement then the default degradation coefficient of chillers shall be 0,9.
(**) From 26 September 2018.

FOGLIO DATI TECNICI ERP PER RAFFREDDAMENTO AMBIENTE ERP TECHNICAL DATA SHEET FOR SPACE COOLING

IDOLA M 3.2 Mod. 14 / 14 HI3 / 14 HI9 - Modo raffreddamento - Clima Medio - Bassa temperatura (7°C) / Cooling mode - Average climate - Low temperature (7°C)

Model(s):	**IDOLA M 3.2 Mod. 14 / 14 HI3 / 14 HI9**
Outdoor side heat exchanger of chiller:	Air to water
Indoor side heat exchanger chiller:	Water
Type:	Compressor driven vapour compression
Driver of compressor:	Electric motor

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated cooling capacity	$P_{rated,c}$	12.2	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	191	%
Declared cooling capacity for part load at given outdoor temperature Tj				Declared energy efficiency ratio for part load at given outdoor temperature Tj			
Tj=+35℃	P_{dc}	12.19	kW	Tj=+35℃	EER_d	2.46	-
Tj=+30℃	P_{dc}	9.41	kW	Tj=+30℃	EER_d	3.85	-
Tj=+25℃	P_{dc}	6.16	kW	Tj=+25℃	EER_d	5.80	-
Tj=+20℃	P_{dc}	2.63	kW	Tj=+20℃	EER_d	6.74	-
Degradation co-efficient for chillers (*)	C_{dc}	0.9	-				
Power consumption in modes other than "active mode"							
Off mode	P_{OFF}	0.014	kW	Crankcase heater mode	P_{CK}	0.000	kW
Thermosat-off mode	P_{TO}	0.010	kW	Standby mode	P_{SB}	0.014	kW
Other items							
Capacity control	variable			For air-to-water comfort chillers: air flow rate, outdoor measured	-	4060	m^3/h
Sound power level, indoors / outdoors	L_{WA}	-/65	dB				
Emissions of nitrogen oxides (if applicable)	NO_x (**)	-	mg/kWh input GCV	For water / brine-to-water chillers: Rated brine or water flow rate, outdoor side heat exchanger	-	-	m^3/h
GWP of the refrigerant	-	675	kg CO_2 eq (100years)				
Standard rating conditions used	Low temperature application						
Contact details	Ferroli spa ¬ 37047 San Bonifacio (Verona) Italy ¬ Via Ritonda 78/A - tel. +39.045.6139411 ¬ fax +39.045.6100933 ¬ www.ferroli.com						

(*) If C_{dc} is not determined by measurement then the default degradation coefficient of chillers shall be 0,9.
(**) From 26 September 2018.

FOGLIO DATI TECNICI ERP PER RAFFREDDAMENTO AMBIENTE ERP TECHNICAL DATA SHEET FOR SPACE COOLING

IDOLA M 3.2 Mod. 14 / 14 HI3 / 14 HI9 - Modo raffreddamento - Clima Medio - Media temperature (18°C) / Cooling mode - Average climate - Medium temperature (18°C)

Model(s):	**IDOLA M 3.2 Mod. 14 / 14 HI3 / 14 HI9**
Outdoor side heat exchanger of chiller:	Air to water
Indoor side heat exchanger chiller:	Water
Type:	Compressor driven vapour compression
Driver of compressor:	Electric motor

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated cooling capacity	$P_{rated,c}$	13.3	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	273	%
Declared cooling capacity for part load at given outdoor temperature Tj				Declared energy efficiency ratio for part load at given outdoor temperature Tj			
Tj=+35℃	P_{dc}	13.30	kW	Tj=+35℃	EER_d	3.47	-
Tj=+30℃	P_{dc}	10.20	kW	Tj=+30℃	EER_d	5.26	-
Tj=+25℃	P_{dc}	6.57	kW	Tj=+25℃	EER_d	8.45	-
Tj=+20℃	P_{dc}	3.33	kW	Tj=+20℃	EER_d	10.07	-
Degradation co-efficient for chillers (*)	C_{dc}	0.9	-				
Power consumption in modes other than "active mode"							
Off mode	P_{OFF}	0.014	kW	Crankcase heater mode	P_{CK}	0.000	kW
Thermosat-off mode	P_{TO}	0.010	kW	Standby mode	P_{SB}	0.014	kW
Other items							
Capacity control	variable			For air-to-water comfort chillers: air flow rate, outdoor measured	-	4060	m^3/h
Sound power level, indoors / outdoors	L_{WA}	-/64	dB				
Emissions of nitrogen oxides (if applicable)	NO_x (**)	-	mg/kWh input GCV	For water / brine-to-water chillers: Rated brine or water flow rate, outdoor side heat exchanger	-	-	m^3/h
GWP of the refrigerant	-	675	kg CO_2 eq (100years)				
Standard rating conditions used	Medium temperature application						
Contact details	Ferroli spa ¬ 37047 San Bonifacio (Verona) Italy ¬ Via Ritonda 78/A - tel. +39.045.6139411 ¬ fax +39.045.6100933 ¬ www.ferroli.com						

(*) If C_{dc} is not determined by measurement then the default degradation coefficient of chillers shall be 0,9.
(**) From 26 September 2018.

FOGLIO DATI TECNICI ERP PER RAFFREDDAMENTO AMBIENTE ERP TECHNICAL DATA SHEET FOR SPACE COOLING

IDOLA M 3.2 Mod. 16 / 16 HI3 / 16 HI9 - Modo raffreddamento - Clima Medio - Bassa temperatura (7°C) / Cooling mode - Average climate - Low temperature (7°C)

Model(s):	**IDOLA M 3.2 Mod. 16 / 16 HI3 / 16 HI9**
Outdoor side heat exchanger of chiller:	Air to water
Indoor side heat exchanger chiller:	Water
Type:	Compressor driven vapour compression
Driver of compressor:	Electric motor

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated cooling capacity	$P_{rated,c}$	14.3	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	184	%
Declared cooling capacity for part load at given outdoor temperature Tj				Declared energy efficiency ratio for part load at given outdoor temperature Tj			
Tj=+35℃	P_{dc}	14.31	kW	Tj=+35℃	EER_d	2.47	-
Tj=+30℃	P_{dc}	10.68	kW	Tj=+30℃	EER_d	3.63	-
Tj=+25℃	P_{dc}	6.76	kW	Tj=+25℃	EER_d	5.27	-
Tj=+20℃	P_{dc}	3.41	kW	Tj=+20℃	EER_d	7.29	-
Degradation co-efficient for chillers (*)	C_{dc}	0.9	-				
Power consumption in modes other than "active mode"							
Off mode	P_{OFF}	0.014	kW	Crankcase heater mode	P_{CK}	0.000	kW
Thermosat-off mode	P_{TO}	0.010	kW	Standby mode	P_{SB}	0.014	kW
Other items							
Capacity control	variable			For air-to-water comfort chillers: air flow rate, outdoor measured	-	4650	m^3/h
Sound power level, indoors / outdoors	L_{WA}	-/69	dB				
Emissions of nitrogen oxides (if applicable)	NO_x (**)	-	mg/kWh input GCV	For water / brine-to-water chillers: Rated brine or water flow rate, outdoor side heat exchanger	-	-	m^3/h
GWP of the refrigerant	-	675	kg CO_2 eq (100years)				
Standard rating conditions used	Low temperature application						
Contact details	Ferroli spa ¬ 37047 San Bonifacio (Verona) Italy ¬ Via Ritonda 78/A - tel. +39.045.6139411 ¬ fax +39.045.6100933 ¬ www.ferroli.com						

(*) If C_{dc} is not determined by measurement then the default degradation coefficient of chillers shall be 0,9.
(**) From 26 September 2018.

FOGLIO DATI TECNICI ERP PER RAFFREDDAMENTO AMBIENTE ERP TECHNICAL DATA SHEET FOR SPACE COOLING

IDOLA M 3.2 Mod. 16 / 16 HI3 / 16 HI9 - Modo raffreddamento - Clima Medio - Media temperature (18°C) / Cooling mode - Average climate - Medium temperature (18°C)

Model(s):	**IDOLA M 3.2 Mod. 16 / 16 HI3 / 16 HI9**
Outdoor side heat exchanger of chiller:	Air to water
Indoor side heat exchanger chiller:	Water
Type:	Compressor driven vapour compression
Driver of compressor:	Electric motor

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated cooling capacity	$P_{rated,c}$	15.4	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	267	%
Declared cooling capacity for part load at given outdoor temperature Tj				Declared energy efficiency ratio for part load at given outdoor temperature Tj			
Tj=+35℃	P_{dc}	15.40	kW	Tj=+35℃	EER_d	3.50	-
Tj=+30℃	P_{dc}	11.42	kW	Tj=+30℃	EER_d	5.14	-
Tj=+25℃	P_{dc}	7.27	kW	Tj=+25℃	EER_d	7.83	-
Tj=+20℃	P_{dc}	3.40	kW	Tj=+20℃	EER_d	10.35	-
Degradation co-efficient for chillers (*)	C_{dc}	0.9	-				
Power consumption in modes other than "active mode"							
Off mode	P_{OFF}	0.014	kW	Crankcase heater mode	P_{CK}	0.000	kW
Thermosat-off mode	P_{TO}	0.010	kW	Standby mode	P_{SB}	0.014	kW
Other items							
Capacity control	variable			For air-to-water comfort chillers: air flow rate, outdoor measured	-	4650	m^3/h
Sound power level, indoors / outdoors	L_{WA}	-/69	dB				
Emissions of nitrogen oxides (if applicable)	NO_x (**)	-	mg/kWh input GCV	For water / brine-to-water chillers: Rated brine or water flow rate, outdoor side heat exchanger	-	-	m^3/h
GWP of the refrigerant	-	675	kg CO_2 eq (100years)				
Standard rating conditions used	Medium temperature application						
Contact details	Ferroli spa ¬ 37047 San Bonifacio (Verona) Italy ¬ Via Ritonda 78/A - tel. +39.045.6139411 ¬ fax +39.045.6100933 ¬ www.ferroli.com						

(*) If C_{dc} is not determined by measurement then the default degradation coefficient of chillers shall be 0,9.
(**) From 26 September 2018.

FOGLIO DATI TECNICI ERP PER RAFFREDDAMENTO AMBIENTE ERP TECHNICAL DATA SHEET FOR SPACE COOLING

IDOLA M 3.2 Mod. 12-T / 12-T HI3 / 12-T HI9 - Modo raffreddamento - Clima Medio - Bassa temperatura (7°C) / Cooling mode - Average climate - Low temperature (7°C)

Model(s):	**IDOLA M 3.2 Mod. 12-T / 12-T HI3 / 12-T HI9**
Outdoor side heat exchanger of chiller:	Air to water
Indoor side heat exchanger chiller:	Water
Type:	Compressor driven vapour compression
Driver of compressor:	Electric motor

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated cooling capacity	$P_{rated,c}$	11.3	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	191	%
Declared cooling capacity for part load at given outdoor temperature Tj				Declared energy efficiency ratio for part load at given outdoor temperature Tj			
Tj=+35℃	P_{dc}	11.31	kW	Tj=+35℃	EER_d	2.61	-
Tj=+30℃	P_{dc}	8.76	kW	Tj=+30℃	EER_d	3.93	-
Tj=+25℃	P_{dc}	5.81	kW	Tj=+25℃	EER_d	5.73	-
Tj=+20℃	P_{dc}	2.63	kW	Tj=+20℃	EER_d	6.75	-
Degradation co-efficient for chillers (*)	C_{dc}	0.9	-				
Power consumption in modes other than "active mode"							
Off mode	P_{OFF}	0.020	kW	Crankcase heater mode	P_{CK}	0.000	kW
Thermosat-off mode	P_{TO}	0.010	kW	Standby mode	P_{SB}	0.020	kW
Other items							
Capacity control	variable			For air-to-water comfort chillers: air flow rate, outdoor measured	-	4060	m^3/h
Sound power level, indoors / outdoors	L_{WA}	-/65	dB				
Emissions of nitrogen oxides (if applicable)	NO_x (**)	-	mg/kWh input GCV	For water / brine-to-water chillers: Rated brine or water flow rate, outdoor side heat exchanger	-	-	m^3/h
GWP of the refrigerant	-	675	kg CO_2 eq (100years)				
Standard rating conditions used	Low temperature application						
Contact details	Ferroli spa ¬ 37047 San Bonifacio (Verona) Italy ¬ Via Ritonda 78/A - tel. +39.045.6139411 ¬ fax +39.045.6100933 ¬ www.ferroli.com						

(*) If C_{dc} is not determined by measurement then the default degradation coefficient of chillers shall be 0,9.
(**) From 26 September 2018.

FOGLIO DATI TECNICI ERP PER RAFFREDDAMENTO AMBIENTE ERP TECHNICAL DATA SHEET FOR SPACE COOLING

IDOLA M 3.2 Mod. 12-T / 12-T HI3 / 12-T HI9 - Modo raffreddamento - Clima Medio - Media temperature (18°C) / Cooling mode - Average climate - Medium temperature (18°C)

Model(s):	**IDOLA M 3.2 Mod. 12-T / 12-T HI3 / 12-T HI9**
Outdoor side heat exchanger of chiller:	Air to water
Indoor side heat exchanger chiller:	Water
Type:	Compressor driven vapour compression
Driver of compressor:	Electric motor

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated cooling capacity	$P_{rated,c}$	11.8	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	279	%
Declared cooling capacity for part load at given outdoor temperature Tj				Declared energy efficiency ratio for part load at given outdoor temperature Tj			
Tj=+35℃	P_{dc}	11.77	kW	Tj=+35℃	EER_d	3.87	-
Tj=+30℃	P_{dc}	9.21	kW	Tj=+30℃	EER_d	5.50	-
Tj=+25℃	P_{dc}	5.74	kW	Tj=+25℃	EER_d	8.66	-
Tj=+20℃	P_{dc}	3.33	kW	Tj=+20℃	EER_d	10.07	-
Degradation co-efficient for chillers (*)	C_{dc}	0.9	-				
Power consumption in modes other than "active mode"							
Off mode	P_{OFF}	0.020	kW	Crankcase heater mode	P_{CK}	0.000	kW
Thermosat-off mode	P_{TO}	0.010	kW	Standby mode	P_{SB}	0.020	kW
Other items							
Capacity control	variable			For air-to-water comfort chillers: air flow rate, outdoor measured	-	4060	m^3/h
Sound power level, indoors / outdoors	L_{WA}	-/64	dB				
Emissions of nitrogen oxides (if applicable)	NO_x (**)	-	mg/kWh input GCV	For water / brine-to-water chillers: Rated brine or water flow rate, outdoor side heat exchanger	-	-	m^3/h
GWP of the refrigerant	-	675	kg CO_2 eq (100years)				
Standard rating conditions used	Medium temperature application						
Contact details	Ferroli spa ¬ 37047 San Bonifacio (Verona) Italy ¬ Via Ritonda 78/A - tel. +39.045.6139411 ¬ fax +39.045.6100933 ¬ www.ferroli.com						

(*) If C_{dc} is not determined by measurement then the default degradation coefficient of chillers shall be 0,9.
(**) From 26 September 2018.

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FOGLIO DATI TECNICI ERP PER RAFFREDDAMENTO AMBIENTE ERP TECHNICAL DATA SHEET FOR SPACE COOLING

IDOLA M 3.2 Mod. 14-T / 14-T HI3 / 14-T HI9 - Modo raffreddamento - Clima Medio - Bassa temperatura (7°C) / Cooling mode - Average climate - Low temperature (7°C)

Model(s):	**IDOLA M 3.2 Mod. 14-T / 14-T HI3 / 14-T HI9**
Outdoor side heat exchanger of chiller:	Air to water
Indoor side heat exchanger chiller:	Water
Type:	Compressor driven vapour compression
Driver of compressor:	Electric motor

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated cooling capacity	$P_{rated,c}$	12.2	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	190	%
Declared cooling capacity for part load at given outdoor temperature Tj				Declared energy efficiency ratio for part load at given outdoor temperature Tj			
Tj=+35℃	P_{dc}	12.19	kW	Tj=+35℃	EER_d	2.46	-
Tj=+30℃	P_{dc}	9.41	kW	Tj=+30℃	EER_d	3.85	-
Tj=+25℃	P_{dc}	6.16	kW	Tj=+25℃	EER_d	5.80	-
Tj=+20℃	P_{dc}	2.63	kW	Tj=+20℃	EER_d	6.74	-
Degradation co-efficient for chillers (*)	C_{dc}	0.9	-				
Power consumption in modes other than "active mode"							
Off mode	P_{OFF}	0.020	kW	Crankcase heater mode	P_{CK}	0.000	kW
Thermosat-off mode	P_{TO}	0.010	kW	Standby mode	P_{SB}	0.020	kW
Other items							
Capacity control	variable			For air-to-water comfort chillers: air flow rate, outdoor measured	-	4060	m^3/h
Sound power level, indoors / outdoors	L_{WA}	-/65	dB				
Emissions of nitrogen oxides (if applicable)	NO_x (**)	-	mg/kWh input GCV	For water / brine-to-water chillers: Rated brine or water flow rate, outdoor side heat exchanger	-	-	m^3/h
GWP of the refrigerant	-	675	kg CO_2 eq (100years)				
Standard rating conditions used	Low temperature application						
Contact details	Ferroli spa ¬ 37047 San Bonifacio (Verona) Italy ¬ Via Ritonda 78/A - tel. +39.045.6139411 ¬ fax +39.045.6100933 ¬ www.ferroli.com						

(*) If C_{dc} is not determined by measurement then the default degradation coefficient of chillers shall be 0,9.
(**) From 26 September 2018.

FOGLIO DATI TECNICI ERP PER RAFFREDDAMENTO AMBIENTE ERP TECHNICAL DATA SHEET FOR SPACE COOLING

IDOLA M 3.2 Mod. 14-T / 14-T HI3 / 14-T HI9 - Modo raffreddamento - Clima Medio - Media temperature (18°C) / Cooling mode - Average climate - Medium temperature (18°C)

Model(s):	**IDOLA M 3.2 Mod. 14-T / 14-T HI3 / 14-T HI9**
Outdoor side heat exchanger of chiller:	Air to water
Indoor side heat exchanger chiller:	Water
Type:	Compressor driven vapour compression
Driver of compressor:	Electric motor

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated cooling capacity	$P_{rated,c}$	13.3	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	271	%
Declared cooling capacity for part load at given outdoor temperature Tj				Declared energy efficiency ratio for part load at given outdoor temperature Tj			
Tj=+35℃	P_{dc}	13.30	kW	Tj=+35℃	EER_d	3.47	-
Tj=+30℃	P_{dc}	10.20	kW	Tj=+30℃	EER_d	5.26	-
Tj=+25℃	P_{dc}	6.57	kW	Tj=+25℃	EER_d	8.45	-
Tj=+20℃	P_{dc}	3.33	kW	Tj=+20℃	EER_d	10.07	-
Degradation co-efficient for chillers (*)	C_{dc}	0.9	-				
Power consumption in modes other than "active mode"							
Off mode	P_{OFF}	0.020	kW	Crankcase heater mode	P_{CK}	0.000	kW
Thermosat-off mode	P_{TO}	0.010	kW	Standby mode	P_{SB}	0.020	kW
Other items							
Capacity control	variable			For air-to-water comfort chillers: air flow rate, outdoor measured	-	4060	m^3/h
Sound power level, indoors / outdoors	L_{WA}	-/64	dB				
Emissions of nitrogen oxides (if applicable)	NO_x (**)	-	mg/kWh input GCV	For water / brine-to-water chillers: Rated brine or water flow rate, outdoor side heat exchanger	-	-	m^3/h
GWP of the refrigerant	-	675	kg CO_2 eq (100years)				
Standard rating conditions used	Medium temperature application						
Contact details	Ferroli spa ¬ 37047 San Bonifacio (Verona) Italy ¬ Via Ritonda 78/A - tel. +39.045.6139411 ¬ fax +39.045.6100933 ¬ www.ferroli.com						

(*) If C_{dc} is not determined by measurement then the default degradation coefficient of chillers shall be 0,9.
(**) From 26 September 2018.

FOGLIO DATI TECNICI ERP PER RAFFREDDAMENTO AMBIENTE ERP TECHNICAL DATA SHEET FOR SPACE COOLING

IDOLA M 3.2 Mod. 16-T / 16-T HI3 / 16-T HI9 - Modo raffreddamento - Clima Medio - Bassa temperatura (7°C) / Cooling mode - Average climate - Low temperature (7°C)

Model(s):	**IDOLA M 3.2 Mod. 16-T / 16-T HI3 / 16-T HI9**
Outdoor side heat exchanger of chiller:	Air to water
Indoor side heat exchanger chiller:	Water
Type:	Compressor driven vapour compression
Driver of compressor:	Electric motor

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated cooling capacity	$P_{rated,c}$	14.3	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	184	%
Declared cooling capacity for part load at given outdoor temperature Tj				Declared energy efficiency ratio for part load at given outdoor temperature Tj			
Tj=+35℃	P_{dc}	14.31	kW	Tj=+35℃	EER_d	2.47	-
Tj=+30℃	P_{dc}	10.68	kW	Tj=+30℃	EER_d	3.63	-
Tj=+25℃	P_{dc}	6.76	kW	Tj=+25℃	EER_d	5.27	-
Tj=+20℃	P_{dc}	3.41	kW	Tj=+20℃	EER_d	7.29	-
Degradation co-efficient for chillers (*)	C_{dc}	0.9	-				
Power consumption in modes other than "active mode"							
Off mode	P_{OFF}	0.020	kW	Crankcase heater mode	P_{CK}	0.000	kW
Thermosat-off mode	P_{TO}	0.010	kW	Standby mode	P_{SB}	0.020	kW
Other items							
Capacity control	variable			For air-to-water comfort chillers: air flow rate, outdoor measured	-	4650	m^3/h
Sound power level, indoors / outdoors	L_{WA}	-/69	dB				
Emissions of nitrogen oxides (if applicable)	NO_x (**)	-	mg/kWh input GCV	For water / brine-to-water chillers: Rated brine or water flow rate, outdoor side heat exchanger	-	-	m^3/h
GWP of the refrigerant	-	675	kg $CO_{2\ eq}$ (100years)				
Standard rating conditions used	Low temperature application						
Contact details	Ferroli spa ¬ 37047 San Bonifacio (Verona) Italy ¬ Via Ritonda 78/A - tel. +39.045.6139411 ¬ fax +39.045.6100933 ¬ www.ferroli.com						

(*) If C_{dc} is not determined by measurement then the default degradation coefficient of chillers shall be 0,9.
(**) From 26 September 2018.

FOGLIO DATI TECNICI ERP PER RAFFREDDAMENTO AMBIENTE ERP TECHNICAL DATA SHEET FOR SPACE COOLING

IDOLA M 3.2 Mod. 16-T / 16-T HI3 / 16-T HI9 - Modo raffreddamento - Clima Medio - Media temperature (18°C) / Cooling mode - Average climate - Medium temperature (18°C)

Model(s):	**IDOLA M 3.2 Mod. 16-T / 16-T HI3 / 16-T HI9**
Outdoor side heat exchanger of chiller:	Air to water
Indoor side heat exchanger chiller:	Water
Type:	Compressor driven vapour compression
Driver of compressor:	Electric motor

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated cooling capacity	$P_{rated,c}$	15.4	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	265	%
Declared cooling capacity for part load at given outdoor temperature Tj				Declared energy efficiency ratio for part load at given outdoor temperature Tj			
Tj=+35℃	P_{dc}	15.40	kW	Tj=+35℃	EER_d	3.50	-
Tj=+30℃	P_{dc}	11.42	kW	Tj=+30℃	EER_d	5.14	-
Tj=+25℃	P_{dc}	7.27	kW	Tj=+25℃	EER_d	7.83	-
Tj=+20℃	P_{dc}	3.40	kW	Tj=+20℃	EER_d	10.35	-
Degradation co-efficient for chillers (*)	C_{dc}	0.9	-				
Power consumption in modes other than "active mode"							
Off mode	P_{OFF}	0.020	kW	Crankcase heater mode	P_{CK}	0.000	kW
Thermosat-off mode	P_{TO}	0.010	kW	Standby mode	P_{SB}	0.020	kW
Other items							
Capacity control	variable			For air-to-water comfort chillers: air flow rate, outdoor measured	-	4650	m^3/h
Sound power level, indoors / outdoors	L_{WA}	-/69	dB				
Emissions of nitrogen oxides (if applicable)	NO_x (**)	-	mg/kWh input GCV	For water / brine-to-water chillers: Rated brine or water flow rate, outdoor side heat exchanger	-	-	m^3/h
GWP of the refrigerant	-	675	kg $CO_{2\ eq}$ (100years)				
Standard rating conditions used	Medium temperature application						
Contact details	Ferroli spa ¬ 37047 San Bonifacio (Verona) Italy ¬ Via Ritonda 78/A - tel. +39.045.6139411 ¬ fax +39.045.6100933 ¬ www.ferroli.com						

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(**) From 26 September 2018.

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TABELLE PRESTAZIONALI - MODO RISCALDAMENTO / CAPACITY TABLES - HEATING MODE

IDOLA M 3.2 Mod. 4 - Prestazioni riscaldamento / Heating capacity

"Tw_out	"DB/WB	Heating Capacity [W]						COP					
°C"	°C"	130%	100%	90%	70%	50%	30%	130%	100%	90%	70%	50%	30%
25	-25	2053	1899	1566	1232	/	/	1,74	1,78	1,79	1,80	/	/
	-20	3086	2824	2276	1728	/	/	2,36	2,45	2,48	2,50	/	/
	-15	3602	3260	2989	2718	1682	/	3,03	3,17	3,35	3,53	3,25	/
	-10	4465	4001	3414	2828	2241	1654	3,36	3,60	3,63	3,65	3,68	3,70
	-7	5112	4678	3798	2917	2037	1156	3,67	3,85	3,89	3,93	3,97	4,01
	-5	5180	4692	3858	3024	2190	1356	4,03	4,22	4,26	4,30	4,34	4,38
	-2	5296	4841	3982	3122	2263	1403	4,55	4,71	4,75	4,80	4,84	4,88
	0	5412	4990	4105	3220	2335	1450	5,06	5,19	5,24	5,28	5,33	5,37
	2	5629	5182	4310	3439	2567	1695	5,28	5,45	5,52	5,58	5,65	5,71
	5	5994	5479	4601	3723	2844	1966	5,83	6,04	6,10	6,16	6,22	6,28
	7	6376	4603	4215	3826	2354	1955	6,67	6,98	7,41	7,84	7,28	6,96
	10	6370	5725	4781	3837	2893	1949	6,68	7,13	7,21	7,30	7,38	7,46
	12	6232	5625	4748	3870	2992	2114	6,69	7,21	7,29	7,39	7,48	7,56
	15	6026	5476	4698	3919	3141	2362	6,71	7,32	7,42	7,52	7,62	7,72
	20	5864	5358	4878	4398	2639	/	7,24	7,96	8,48	9,00	8,41	/
	25	5701	5081	4109	3136	/	/	7,91	8,75	9,00	9,25	/	/
	30	5776	5177	4249	3321	/	/	8,41	9,37	9,64	9,90	/	/
	35	5850	5290	4605	3920	/	/	8,96	10,05	10,34	10,63	/	/
	40	6298	5777	5030	4282	/	/	10,84	12,23	12,59	12,94	/	/
	43	6566	6076	5304	4531	/	/	12,20	13,87	14,28	14,68	/	/
30	-25	1796	1652	1384	1115	/	/	1,48	1,52	1,54	1,55	/	/
	-20	2829	2575	2416	2257	1528	/	1,82	1,86	1,96	2,07	1,90	/
	-15	3407	3066	2830	2595	1652	/	2,78	2,88	3,04	3,21	2,95	/
	-10	4290	3916	3375	2834	2292	1751	3,23	3,40	3,43	3,45	3,48	3,50
	-7	5034	4607	3751	2895	2038	1182	3,51	3,65	3,68	3,71	3,73	3,76
	-5	5076	4618	3803	2987	2172	1356	3,72	3,86	3,89	3,92	3,95	3,98
	-2	5173	4709	3890	3071	2251	1432	4,03	4,16	4,19	4,23	4,26	4,29
	0	5269	4800	3977	3154	2330	1507	4,34	4,46	4,50	4,54	4,57	4,61
	2	5436	4944	4141	3339	2536	1733	4,51	4,70	4,74	4,79	4,83	4,87
	5	5746	5188	4388	3588	2788	1988	4,85	5,03	5,08	5,13	5,18	5,23
	7	6222	4355	4018	3682	2339	1853	5,40	5,65	6,00	6,35	5,89	5,60
	10	6033	5281	4403	3525	2646	1768	5,16	5,41	5,48	5,54	5,61	5,67
	12	5907	5193	4385	3577	2768	1960	5,01	5,30	5,37	5,44	5,51	5,57
	15	5717	5062	4358	3655	2951	2247	4,78	5,13	5,20	5,28	5,35	5,42
	20	5743	5113	4736	4360	2814	/	5,75	6,22	6,63	7,04	6,58	/
	25	5768	5237	4320	3403	/	/	7,21	7,85	8,08	8,30	/	/
	30	5836	5327	4458	3589	/	/	7,48	8,20	8,44	8,68	/	/
	35	5903	5436	4725	4014	/	/	7,77	8,57	8,83	9,08	/	/
	40	6379	5773	5024	4274	/	/	9,51	10,57	10,88	11,19	/	/
	43	6665	6085	5309	4532	/	/	10,80	12,08	12,44	12,80	/	/
35	-25	1711	1560	1371	1181	/	/	1,29	1,31	1,32	1,33	/	/
	-20	2444	2205	1812	1418	/	/	1,43	1,48	1,50	1,51	/	/
	-15	3253	2901	2674	2447	1548	/	2,39	2,48	2,62	2,76	2,54	/
	-10	4136	3824	3296	2769	2241	1713	2,85	2,95	2,97	3,00	3,02	3,04
	-7	4986	4700	3837	2974	2110	1247	3,11	3,10	3,16	3,22	3,28	3,34
	-5	5018	4371	3632	2893	2154	1415	3,27	3,41	3,44	3,46	3,49	3,51
	-2	5058	4387	3645	2903	2161	1419	3,51	3,63	3,66	3,69	3,71	3,74
	0	5098	4403	3658	2913	2167	1422	3,74	3,85	3,88	3,92	3,95	3,98
	2	5280	4400	3712	3024	2335	1647	3,87	4,00	4,06	4,12	4,17	4,23
	5	5677	5080	4291	3502	2713	1924	4,33	4,49	4,53	4,58	4,62	4,66
	7 *	6255	**4200**	3890	3579	2308	1920	4,96	**5,10**	5,43	5,77	5,39	5,01
	10	6067	5355	4496	3636	2777	1917	4,82	4,97	5,03	5,09	5,15	5,21
	12	5941	5267	4463	3659	2855	2050	4,73	4,92	4,98	5,05	5,11	5,17
	15	5753	5136	4414	3693	2971	2249	4,59	4,84	4,91	4,98	5,05	5,12
	20	5774	5094	4775	4456	3007	/	5,13	5,46	5,82	6,18	5,78	/
	25	5805	5121	4323	3525	/	/	5,85	6,27	6,45	6,63	/	/
	30	5781	5319	4553	3786	/	/	6,51	7,01	7,22	7,43	/	/
	35	5966	5538	4726	3914	/	/	7,27	7,89	8,13	8,36	/	/
	40	6359	5731	5123	4515	/	/	8,57	9,37	9,65	9,93	/	/
	43	6594	5996	5372	4748	/	/	9,50	10,46	10,77	11,08	/	/
40	-25	1531	1418	1253	1087	/	/	1,18	1,19	1,20	1,20	/	/
	-20	2166	1984	1685	1386	/	/	1,24	1,26	1,28	1,29	/	/
	-15	2934	2658	2151	1643	/	/	1,97	2,02	2,05	2,07	/	/
	-10	4017	3599	3364	3128	2089	/	2,43	2,49	2,63	2,78	2,56	/
	-7	4667	4265	3873	3480	2063	/	2,70	2,81	2,98	3,16	2,93	/
	-5	4738	4214	3831	3449	2056	/	2,82	2,96	3,14	3,32	3,07	/
	-2	4827	4373	3963	3554	2088	/	3,00	3,09	3,28	3,47	3,21	/
	0	4916	4533	4096	3659	2119	/	3,18	3,23	3,42	3,61	3,34	/
	2	5183	4772	4339	3906	2329	/	3,35	3,44	3,66	3,87	3,60	/
	5	5588	5107	4666	4226	2576	/	3,77	3,86	4,09	4,33	4,01	/
	7	6259	4381	3665	2948	/	/	4,41	4,64	4,71	4,78	/	/
	10	5912	5241	4843	4445	2841	/	4,63	4,83	5,13	5,44	5,06	/
	12	5948	5258	4870	4481	2890	/	4,79	5,05	5,37	5,70	5,31	/
	15	6002	5284	4910	4536	2964	/	5,04	5,38	5,73	6,08	5,68	/
	20	6076	5593	4736	3878	/	/	5,48	5,89	6,06	6,23	/	/
	25	5910	5473	4894	4314	/	/	6,06	6,55	6,75	6,94	/	/
	30	5886	5480	4756	4032	/	/	6,39	6,97	7,17	7,37	/	/
	35	5861	5504	4774	4044	/	/	6,77	7,43	7,65	7,87	/	/
	40	6334	5777	5169	4560	/	/	7,88	8,70	8,96	9,22	/	/
	43	6617	6088	5459	4830	/	/	8,63	9,60	9,89	10,17	/	/
45	-25	1371	1285	1075	864	/	/	1,10	1,09	1,10	1,10	/	/
	-20	1976	1832	1529	1225	/	/	1,13	1,14	1,15	1,15	/	/
	-15	2505	2222	1913	1603	/	/	1,56	1,59	1,60	1,61	/	/
	-10	3588	3254	2714	2174	/	/	2,02	2,05	2,07	2,09	/	/
	-7	4538	4300	3905	3510	2081	/	2,29	2,35	2,49	2,62	2,42	/
	-5	4627	4195	3844	3494	2157	/	2,45	2,54	2,68	2,83	2,60	/
	-2	4833	4327	3956	3584	2190	/	2,67	2,77	2,93	3,08	2,83	/
	0	5039	4460	4068	3675	2222	/	2,89	3,00	3,17	3,34	3,07	/
	2	5251	5100	4609	4118	2387	/	2,97	3,00	3,21	3,43	3,23	/
	5	5601	4824	4451	4078	2591	/	3,27	3,42	3,62	3,82	3,52	/
	7	5962	**4300**	3760	3219	2800	/	3,67	**3,80**	3,86	3,91	4,00	/
	10	6051	5477	5145	4813	3274	/	3,90	4,05	4,30	4,54	4,21	/
	12	6110	5555	4909	4261	/	/	4,02	4,18	4,37	4,56	/	/
	15	6199	5673	4554	3434	/	/	4,21	4,37	4,48	4,58	/	/
	20	6122	5633	4715	3796	/	/	4,66	4,88	5,00	5,12	/	/
	25	6045	5668	5010	4352	/	/	5,25	5,53	5,67	5,81	/	/
	30	6020	5674	5049	4424	/	/	5,62	5,97	6,12	6,27	/	/
	35	5994	5698	5067	4436	/	/	6,05	6,47	6,64	6,80	/	/
	40	6377	5890	5368	4846	/	/	6,86	7,38	7,57	7,76	/	/
	43	6606	6154	5654	5153	/	/	7,39	8,01	8,22	8,42	/	/

"Tw_out	"DB/WB	Heating Capacity [W]						COP					
°C"	°C"	130%	100%	90%	70%	50%	30%	130%	100%	90%	70%	50%	30%
50	-25	/	/	/	/	/	/	/	/	/	/	/	/
	-20	1853	1725	1502	1279	/	/	1,06	1,07	1,08	1,08	/	/
	-15	2197	1957	1737	1516	/	/	1,31	1,34	1,35	1,36	/	/
	-10	3280	2988	2608	2227	/	/	1,81	1,84	1,86	1,88	/	/
	-7	4410	4125	3761	3397	2051	/	2,08	2,14	2,26	2,38	2,18	/
	-5	4565	4137	3781	3424	2089	/	2,26	2,32	2,45	2,58	2,37	/
	-2	4793	4274	3907	3540	2163	/	2,37	2,42	2,57	2,72	2,52	/
	0	5021	4410	4033	3655	2236	/	2,48	2,52	2,69	2,86	2,68	/
	2	5191	5027	4553	4079	2389	/	2,52	2,56	2,74	2,92	2,75	/
	5	5498	4533	4223	3913	2581	/	2,78	2,86	3,03	3,19	2,94	/
	7	5694	4538	3879	3220	/	/	3,11	3,32	3,36	3,40	/	/
	10	5797	5195	4195	3194	/	/	3,40	3,45	3,50	3,54	/	/
	12	5746	5161	4214	3266	/	/	3,50	3,60	3,67	3,73	/	/
	15	5669	5109	4242	3374	/	/	3,65	3,83	3,92	4,01	/	/
	20	5721	5267	4457	3646	/	/	3,99	4,23	4,34	4,44	/	/
	25	5683	5300	4806	4312	/	/	4,39	4,68	4,80	4,92	/	/
	30	5668	5450	4921	4392	/	/	4,63	4,97	5,10	5,22	/	/
	35	5586	5416	4943	4469	/	/	4,90	5,30	5,44	5,57	/	/
	40	6001	5657	4861	/	/	/	5,20	5,67	5,96	/	/	/
	43	6250	5941	5188	/	/	/	5,38	5,90	6,20	/	/	/
55	-25	/	/	/	/	/	/	/	/	/	/	/	/
	-20	1560	1501	1320	1139	/	/	0,98	0,99	1,00	1,00	/	/
	-15	1835	1692	1470	1248	/	/	1,18	1,20	1,23	1,25	/	/
	-10	2629	2398	2109	1819	/	/	1,56	1,58	1,59	1,60	/	/
	-7	4279	4000	3618	3235	1882	/	1,83	1,95	2,04	2,12	1,91	/
	-5	4412	4036	3676	3316	1993	/	1,95	2,00	2,11	2,22	2,04	/
	-2	4770	4231	3857	3484	2103	/	2,16	2,25	2,37	2,49	2,28	/
	0	5129	4425	4038	3651	2213	/	2,37	2,49	2,62	2,75	2,51	/
	2	5263	5100	4635	4171	2483	/	2,42	2,45	2,62	2,78	2,61	/
	5	5536	4562	3678	2793	/	/	2,68	2,75	2,78	2,81	/	/
	7	5742	**4400**	4023	3646	/	/	2,83	**2,95**	3,05	3,15	/	/
	10	5699	4963	4280	3596	/	/	3,16	3,23	3,29	3,35	/	/
	12	5671	4961	4370	3778	/	/	3,26	3,35	3,42	3,49	/	/
	15	5628	4957	4505	4052	/	/	3,41	3,53	3,62	3,70	/	/
	20	5522	4892	4296	3700	/	/	3,68	3,84	3,94	4,04	/	/
	25	5416	4893	4391	3889	/	/	4,02	4,23	4,34	4,44	/	/
	30	5513	5008	4552	4096	/	/	4,31	4,56	4,68	4,79	/	/
	35	5610	5141	4376	/	/	/	4,62	4,92	5,18	/	/	/
	40	/	/	/	/	/	/	/	/	/	/	/	/
	43	/	/	/	/	/	/	/	/	/	/	/	/
60	-25	/	/	/	/	/	/	/	/	/	/	/	/
	-20	/	/	/	/	/	/	/	/	/	/	/	/
	-15	1728	1608	1418	1227	/	/	1,03	1,03	1,04	1,05	/	/
	-10	2811	2589	2304	2018	/	/	1,56	1,55	1,57	1,58	/	/
	-7	3561	3149	2686	2222	/	/	1,84	1,87	1,89	1,91	/	/
	-5	3828	3422	2856	2289	/	/	1,92	1,95	1,97	1,99	/	/
	-2	4113	3648	3048	2448	/	/	2,00	2,02	2,05	2,07	/	/
	0	4397	3874	3241	2607	/	/	2,09	2,09	2,12	2,14	/	/
	2	4589	4036	3422	2808	/	/	2,13	2,16	2,20	2,24	/	/
	5	4902	4279	3667	3054	/	/	2,35	2,37	2,41	2,44	/	/
	7	5406	4265	3911	3557	/	/	2,61	2,65	2,70	2,75	/	/
	10	5267	4841	4185	3529	/	/	2,69	2,74	2,80	2,85	/	/
	12	5175	4776	4182	3588	/	/	2,76	2,83	2,88	2,91	/	/
	15	5036	4679	4178	3676	/	/	2,87	2,97	2,99	3,00	/	/
	20	4766	4452	3823	3193	/	/	3,06	3,07	3,15	3,23	/	/
	25	4495	4278	3780	3281	/	/	3,30	3,34	3,43	3,52	/	/
	30	4612	4412	3947	3482	/	/	3,51	3,57	3,67	3,76	/	/
	35	/	/	/	/	/	/	/	/	/	/	/	/
	40	/	/	/	/	/	/	/	/	/	/	/	/
	43	/	/	/	/	/	/	/	/	/	/	/	/
65	-25	/	/	/	/	/	/	/	/	/	/	/	/
	-20	/	/	/	/	/	/	/	/	/	/	/	/
	-15	/	/	/	/	/	/	/	/	/	/	/	/
	-10	/	/	/	/	/	/	/	/	/	/	/	/
	-7	/	/	/	/	/	/	/	/	/	/	/	/
	-5	/	/	/	/	/	/	/	/	/	/	/	/
	-2	/	/	/	/	/	/	/	/	/	/	/	/
	0	/	/	/	/	/	/	/	/	/	/	/	/
	2	/	/	/	/	/	/	/	/	/	/	/	/
	5	4040	3305	2820	2335	/	/	1,87	1,96	2,00	2,04	/	/
	7	4267	3537	3121	2705	/	/	2,04	2,16	2,21	2,26	/	/
	10	4494	3667	3267	2867	/	/	2,22	2,35	2,40	2,44	/	/
	12	4646	3810	3379	2948	/	/	2,36	2,52	2,58	2,62	/	/
	15	4873	4025	3548	3070	/	/	2,56	2,77	2,84	2,90	/	/
	20	/	/	/	/	/	/	/	/	/	/	/	/
	25	/	/	/	/	/	/	/	/	/	/	/	/
	30	/	/	/	/	/	/	/	/	/	/	/	/
	35	/	/	/	/	/	/	/	/	/	/	/	/
	40	/	/	/	/	/	/	/	/	/	/	/	/
	43	/	/	/	/	/	/	/	/	/	/	/	/

* : Performance values useful for accessing the incentives provided in Italy / Valori prestazionali utili per accedere agli incentivi previsti in Italia

TABELLE PRESTAZIONALI - MODO RISCALDAMENTO / CAPACITY TABLES - HEATING MODE

IDOLA M 3.2 Mod. 6 - Prestazioni riscaldamento / Heating capacity

"Tw_out	"DB/WB	Heating Capacity [W]						COP					
°C"	°C"	130%	100%	90%	70%	50%	30%	130%	100%	90%	70%	50%	30%
25	-25	2566	2374	1957	1540	/	/	1,72	1,76	1,77	1,78	/	/
	-20	3642	3332	2686	2039	/	/	2,34	2,43	2,45	2,47	/	/
	-15	4430	4010	3677	3343	2069	/	2,97	3,11	3,28	3,46	3,18	/
	-10	5753	5149	4433	3717	3000	2284	3,41	3,61	3,64	3,66	3,69	3,71
	-7	6553	6239	5073	3906	2740	1573	3,71	3,86	3,90	3,95	3,99	4,03
	-5	6536	5939	4899	3859	2818	1778	3,98	4,17	4,21	4,25	4,28	4,32
	-2	6515	5963	4912	3861	2810	1759	4,41	4,57	4,61	4,66	4,70	4,74
	0	6494	5987	4925	3864	2802	1740	4,85	4,98	5,02	5,07	5,11	5,15
	2	6678	6148	5113	4078	3043	2008	4,96	5,11	5,17	5,23	5,29	5,35
	5	7038	6432	5401	4370	3339	2308	5,37	5,56	5,62	5,67	5,73	5,78
	7	7581	6753	5743	4734	3724	2714	5,87	6,18	6,25	6,31	6,38	6,44
	10	7428	6677	5576	4475	3374	2273	6,12	6,52	6,60	6,68	6,75	6,83
	12	7326	6614	5583	4551	3520	2489	6,21	6,68	6,77	6,86	6,94	7,02
	15	7174	6520	5593	4666	3739	2812	6,35	6,93	7,03	7,12	7,22	7,31
	20	6934	6336	5768	5201	3120	/	7,15	7,85	8,37	8,88	8,30	/
	25	6693	5966	4824	3681	/	/	8,32	9,21	9,47	9,73	/	/
	30	6741	6042	4959	3876	/	/	9,53	10,62	10,93	11,23	/	/
	35	6789	6139	5344	4549	/	/	10,34	11,60	11,94	12,27	/	/
	40	7256	6656	5795	4934	/	/	11,42	12,89	13,27	13,64	/	/
	43	7536	6973	6087	5200	/	/	12,01	13,65	14,05	14,44	/	/
30	-25	2245	2065	1730	1394	/	/	1,46	1,51	1,52	1,53	/	/
	-20	3339	3038	2850	2663	1803	/	1,80	1,85	1,95	2,05	1,88	/
	-15	4190	3771	3481	3192	2032	/	2,73	2,83	2,99	3,15	2,90	/
	-10	5496	4891	4204	3517	2830	2143	2,99	3,12	3,14	3,17	3,19	3,21
	-7	6296	6053	4902	3751	2599	1448	3,28	3,36	3,40	3,43	3,47	3,50
	-5	6317	5890	4831	3773	2714	1655	3,52	3,63	3,66	3,70	3,73	3,76
	-2	6344	5877	4843	3808	2774	1739	3,92	4,02	4,06	4,10	4,13	4,17
	0	6371	5864	4854	3843	2833	1822	4,31	4,40	4,45	4,49	4,54	4,58
	2	6477	5874	4920	3965	3011	2056	4,38	4,50	4,55	4,60	4,64	4,69
	5	6813	6062	5127	4193	3258	2323	4,51	4,64	4,69	4,73	4,78	4,82
	7	7455	6271	5367	4462	3558	2653	4,81	5,21	5,25	5,29	5,33	5,37
	10	7268	6322	5262	4202	3142	2082	5,24	5,49	5,56	5,62	5,69	5,75
	12	7239	6341	5351	4361	3371	2380	5,47	5,79	5,87	5,94	6,01	6,09
	15	7195	6370	5485	4599	3714	2828	5,82	6,24	6,33	6,42	6,50	6,59
	20	6966	6202	5745	5288	3413	/	6,28	6,79	7,24	7,68	7,18	/
	25	6736	6115	5045	3974	/	/	7,16	7,79	8,02	8,24	/	/
	30	6832	6236	5219	4201	/	/	8,02	8,79	9,05	9,30	/	/
	35	6927	6379	5545	4710	/	/	9,43	10,41	10,72	11,02	/	/
	40	7373	6673	5807	4940	/	/	10,15	11,28	11,61	11,94	/	/
	43	7641	6976	6086	5196	/	/	10,94	12,24	12,60	12,96	/	/
35	-25	2139	1951	1714	1476	/	/	1,28	1,30	1,31	1,32	/	/
	-20	2884	2602	2138	1673	/	/	1,42	1,46	1,48	1,49	/	/
	-15	4001	3569	3290	3010	1904	/	2,34	2,43	2,57	2,71	2,49	/
	-10	5111	4508	3886	3264	2641	2019	2,57	2,66	2,68	2,70	2,72	2,74
	-7	6211	6000	4870	3739	2609	1478	2,86	3,00	3,02	3,03	3,05	3,06
	-5	6247	5716	4713	3710	2706	1703	3,09	3,19	3,22	3,25	3,27	3,30
	-2	6300	5726	4729	3732	2735	1738	3,44	3,54	3,57	3,60	3,63	3,66
	0	6353	5737	4746	3755	2763	1772	3,79	3,89	3,92	3,96	3,99	4,02
	2	6531	5500	4634	3768	2902	2036	3,86	3,90	3,98	4,06	4,14	4,22
	5	6881	6158	5202	4246	3289	2333	4,25	4,42	4,46	4,51	4,55	4,59
	7 *	7409	**6350**	5446	4542	3638	2734	4,76	**4,95**	5,04	5,14	5,23	5,32
	10	7387	6406	5447	4488	3529	2570	4,86	5,04	5,12	5,20	5,28	5,36
	12	7354	6491	5449	4408	3366	2324	5,02	5,17	5,23	5,30	5,36	5,42
	15	7261	6482	5571	4661	3750	2839	5,28	5,57	5,65	5,73	5,81	5,89
	20	6982	6268	5875	5482	3700	/	5,91	6,28	6,70	7,11	6,65	/
	25	6702	6134	5178	4222	/	/	6,31	6,75	6,95	7,15	/	/
	30	6831	6286	5380	4474	/	/	7,27	7,84	8,07	8,30	/	/
	35	6959	6460	5513	4565	/	/	8,17	8,87	9,14	9,40	/	/
	40	7285	6565	5869	5172	/	/	9,02	9,86	10,16	10,45	/	/
	43	7480	6801	6094	5386	/	/	9,87	10,86	11,19	11,51	/	/
40	-25	1914	1772	1566	1359	/	/	1,17	1,17	1,18	1,19	/	/
	-20	2556	2342	1989	1636	/	/	1,23	1,25	1,27	1,28	/	/
	-15	3608	3269	2645	2021	/	/	1,93	1,98	2,01	2,03	/	/
	-10	4833	4330	4047	3764	2513	/	2,22	2,27	2,40	2,54	2,34	/
	-7	5789	5606	4827	4048	3269	2490	2,50	2,54	2,59	2,63	2,68	2,72
	-5	5965	5652	5092	4533	2589	/	2,74	2,87	3,04	3,22	2,98	/
	-2	6230	5794	5249	4704	2759	/	3,00	3,14	3,32	3,50	3,22	/
	0	6495	5936	5406	4876	2929	/	3,26	3,40	3,59	3,78	3,47	/
	2	6645	5951	5449	4947	3044	/	3,52	3,61	3,84	4,06	3,78	/
	5	6962	6363	5814	5265	3209	/	3,69	3,78	4,01	4,24	3,93	/
	7	7128	6444	5917	5391	3357	/	3,99	4,14	4,40	4,65	4,32	/
	10	7371	6587	6017	5447	3317	/	4,21	4,39	4,67	4,94	4,60	/
	12	7453	6763	6185	5606	3431	/	4,37	4,60	4,90	5,19	4,84	/
	15	7577	7027	6436	5845	3601	/	4,61	4,92	5,24	5,57	5,20	/
	20	7212	6552	5548	4543	/	/	4,70	5,05	5,20	5,34	/	/
	25	6646	6155	5504	4852	/	/	5,11	5,53	5,69	5,85	/	/
	30	6556	6104	5298	4491	/	/	6,01	6,55	6,75	6,94	/	/
	35	6465	6071	5266	4461	/	/	6,87	7,54	7,77	7,99	/	/
	40	7118	6492	5809	5125	/	/	7,34	8,11	8,35	8,59	/	/
	43	7509	6909	6196	5482	/	/	8,27	9,20	9,48	9,75	/	/
45	-25	1714	1606	1343	1080	/	/	1,09	1,08	1,09	1,09	/	/
	-20	2332	2162	1804	1446	/	/	1,12	1,13	1,14	1,14	/	/
	-15	3081	2733	2353	1972	/	/	1,53	1,56	1,57	1,58	/	/
	-10	4643	4211	3513	2814	/	/	2,07	2,10	2,12	2,14	/	/
	-7	5573	5400	4920	4440	2673	/	2,35	2,40	2,54	2,68	2,48	/
	-5	5844	5496	5036	4575	2823	/	2,54	2,61	2,74	2,87	2,61	/
	-2	6096	5586	5132	4679	2921	/	2,68	2,78	2,93	3,07	2,81	/
	0	6348	5675	5229	4782	3020	/	2,82	2,94	3,11	3,27	3,01	/
	2	6581	5800	5356	4912	3131	/	2,95	3,00	3,24	3,48	3,32	/
	5	6991	6131	5657	5183	3293	/	3,29	3,45	3,65	3,84	3,54	/
	7	7134	**6300**	5076	3852	3546	/	3,58	**3,70**	3,79	3,88	3,92	/
	10	7318	6624	6222	5821	3959	/	3,78	3,83	4,07	4,30	3,99	/
	12	7361	6766	5974	5182	/	/	3,93	4,03	4,21	4,39	/	/
	15	7425	6978	5601	4224	/	/	4,16	4,32	4,43	4,53	/	/
	20	7416	6824	5711	4598	/	/	4,42	4,62	4,74	4,86	/	/
	25	7207	6758	5974	5189	/	/	4,74	4,99	5,12	5,24	/	/
	30	7049	6645	5913	5181	/	/	5,05	5,35	5,49	5,63	/	/
	35	6891	6551	5825	5099	/	/	5,42	5,79	5,94	6,09	/	/
	40	7337	6777	6177	5576	/	/	6,12	6,59	6,76	6,92	/	/
	43	7605	7085	6509	5932	/	/	7,02	7,61	7,81	8,00	/	/

"Tw_out	"DB/WB	Heating Capacity [W]						COP					
°C"	°C"	130%	100%	90%	70%	50%	30%	130%	100%	90%	70%	50%	30%
50	-25	/	/	/	/	/	/	/	/	/	/	/	/
	-20	2187	2036	1773	1509	/	/	1,07	1,08	1,09	1,09	/	/
	-15	2702	2407	2136	1864	/	/	1,34	1,37	1,38	1,39	/	/
	-10	4127	3760	3281	2802	/	/	1,72	1,75	1,77	1,78	/	/
	-7	5287	5068	4635	4202	2572	/	2,01	2,07	2,18	2,30	2,11	/
	-5	5440	5114	4676	4237	2590	/	2,23	2,27	2,41	2,54	2,35	/
	-2	5659	5235	4824	4413	2788	/	2,36	2,40	2,54	2,68	2,47	/
	0	5879	5356	4972	4589	2987	/	2,48	2,53	2,67	2,82	2,59	/
	2	6047	5730	5316	4902	3182	/	2,54	2,63	2,79	2,95	2,73	/
	5	6374	5905	5519	5134	3429	/	2,81	2,89	3,06	3,23	2,98	/
	7	6868	6133	5196	4258	/	/	3,17	3,29	3,35	3,41	/	/
	10	7006	6474	5350	4225	/	/	3,35	3,44	3,51	3,57	/	/
	12	7098	6588	5455	4321	/	/	3,48	3,61	3,69	3,76	/	/
	15	7236	6759	5612	4465	/	/	3,67	3,86	3,96	4,05	/	/
	20	7284	6840	5788	4735	/	/	4,02	4,25	4,36	4,46	/	/
	25	7332	7014	6257	5499	/	/	4,43	4,72	4,84	4,96	/	/
	30	6909	6644	5999	5354	/	/	4,92	5,28	5,42	5,55	/	/
	35	6486	6289	5739	5189	/	/	5,21	5,63	5,78	5,92	/	/
	40	6928	6530	5612	/	/	/	5,68	6,19	6,50	/	/	/
	43	7193	6838	5970	/	/	/	5,96	6,54	6,87	/	/	/
55	-25	/	/	/	/	/	/	/	/	/	/	/	/
	-20	1841	1771	1558	1344	/	/	0,99	1,00	1,01	1,01	/	/
	-15	2257	2081	1808	1535	/	/	1,20	1,22	1,23	1,24	/	/
	-10	3797	3463	3046	2628	/	/	1,69	1,71	1,73	1,74	/	/
	-7	5217	5150	4717	4284	2639	/	1,96	2,00	2,10	2,21	2,01	/
	-5	5305	5078	4708	4338	2809	/	2,01	2,06	2,18	2,29	2,11	/
	-2	5363	5112	4740	4369	2831	/	2,05	2,09	2,21	2,33	2,14	/
	0	5421	5146	4772	4399	2852	/	2,09	2,11	2,23	2,35	2,17	/
	2	5691	5650	5240	4829	3130	/	2,41	2,45	2,59	2,73	2,52	/
	5	6110	5801	5447	5092	3458	/	2,48	2,54	2,69	2,84	2,62	/
	7	6899	**6000**	5191	4381	/	/	2,91	**2,95**	3,03	3,10	/	/
	10	6931	6036	5205	4373	/	/	3,04	3,11	3,17	3,23	/	/
	12	6952	6082	5359	4635	/	/	3,14	3,23	3,30	3,37	/	/
	15	6984	6152	5590	5028	/	/	3,30	3,42	3,50	3,58	/	/
	20	6808	6031	5296	4561	/	/	3,60	3,76	3,86	3,95	/	/
	25	6632	5991	5377	4762	/	/	4,00	4,20	4,31	4,41	/	/
	30	6603	5998	5452	4906	/	/	4,21	4,46	4,58	4,69	/	/
	35	6574	6024	5128	/	/	/	4,45	4,75	4,99	/	/	/
	40	/	/	/	/	/	/	/	/	/	/	/	/
	43	/	/	/	/	/	/	/	/	/	/	/	/
60	-25	/	/	/	/	/	/	/	/	/	/	/	/
	-20	/	/	/	/	/	/	/	/	/	/	/	/
	-15	2125	1978	1744	1509	/	/	1,05	1,05	1,06	1,07	/	/
	-10	3320	3058	2721	2384	/	/	1,44	1,44	1,46	1,47	/	/
	-7	4573	4276	3478	2679	/	/	1,75	1,79	1,81	1,82	/	/
	-5	4728	4345	3532	2719	/	/	1,83	1,85	1,88	1,90	/	/
	-2	4896	4453	3657	2861	/	/	1,91	1,92	1,95	1,97	/	/
	0	5064	4561	3782	3003	/	/	1,99	1,99	2,02	2,04	/	/
	2	5334	4991	4128	3264	/	/	2,05	2,08	2,12	2,16	/	/
	5	5744	5217	4398	3579	/	/	2,27	2,29	2,33	2,36	/	/
	7	6424	5644	4936	4227	/	/	2,55	2,60	2,65	2,69	/	/
	10	6270	5763	4982	4201	/	/	2,60	2,65	2,70	2,75	/	/
	12	6167	5693	4984	4276	/	/	2,64	2,71	2,74	2,78	/	/
	15	6013	5587	4988	4389	/	/	2,70	2,79	2,81	2,82	/	/
	20	5977	5584	4795	4005	/	/	3,06	3,07	3,15	3,23	/	/
	25	5941	5654	4996	4337	/	/	3,55	3,59	3,69	3,78	/	/
	30	6013	5752	5146	4540	/	/	3,83	3,91	4,01	4,11	/	/
	35	/	/	/	/	/	/	/	/	/	/	/	/
	40	/	/	/	/	/	/	/	/	/	/	/	/
	43	/	/	/	/	/	/	/	/	/	/	/	/
65	-25	/	/	/	/	/	/	/	/	/	/	/	/
	-20	/	/	/	/	/	/	/	/	/	/	/	/
	-15	/	/	/	/	/	/	/	/	/	/	/	/
	-10	/	/	/	/	/	/	/	/	/	/	/	/
	-7	/	/	/	/	/	/	/	/	/	/	/	/
	-5	/	/	/	/	/	/	/	/	/	/	/	/
	-2	/	/	/	/	/	/	/	/	/	/	/	/
	0	/	/	/	/	/	/	/	/	/	/	/	/
	2	/	/	/	/	/	/	/	/	/	/	/	/
	5	4924	4228	3537	2846	/	/	1,84	1,91	1,96	2,01	/	/
	7	5245	4402	3864	3325	/	/	2,02	2,14	2,19	2,24	/	/
	10	5566	4542	4047	3551	/	/	2,21	2,34	2,39	2,43	/	/
	12	6101	5039	4442	3844	/	/	2,56	2,77	2,84	2,90	/	/
	15	/	/	/	/	/	/	/	/	/	/	/	/
	20	/	/	/	/	/	/	/	/	/	/	/	/
	25	/	/	/	/	/	/	/	/	/	/	/	/
	30	/	/	/	/	/	/	/	/	/	/	/	/
	35	/	/	/	/	/	/	/	/	/	/	/	/
	40	/	/	/	/	/	/	/	/	/	/	/	/
	43	/	/	/	/	/	/	/	/	/	/	/	/

* : Performance values useful for accessing the incentives provided in Italy / Valori prestazionali utili per accedere agli incentivi previsti in Italia

TABELLE PRESTAZIONALI - MODO RISCALDAMENTO / CAPACITY TABLES - HEATING MODE

IDOLA M 3.2 Mod. 8 - Prestazioni riscaldamento / Heating capacity

"Tw_out	"DB/WB	Heating Capacity [W]						COP					
°C"	°C"	130%	100%	90%	70%	50%	30%	130%	100%	90%	70%	50%	30%
25	-25	4446	4113	3391	2668	/	/	2,25	2,29	2,31	2,33	/	/
	-20	5683	5200	4191	3182	/	/	2,80	2,90	2,93	2,96	/	/
	-15	6899	6244	5725	5206	3222	/	3,34	3,49	3,69	3,89	3,58	/
	-10	7446	6664	5737	4810	3883	2956	3,68	3,89	3,92	3,95	3,98	4,01
	-7	7637	7270	5911	4552	3192	1833	3,76	3,97	4,00	4,03	4,06	4,09
	-5	8047	7250	5985	4720	3454	2189	4,02	4,25	4,28	4,31	4,34	4,37
	-2	8296	7425	6119	4812	3506	2199	4,39	4,57	4,61	4,64	4,68	4,71
	0	8546	7600	6252	4905	3557	2209	4,77	4,89	4,93	4,98	5,02	5,06
	2	8661	7769	6461	5153	3844	2536	5,20	5,36	5,43	5,49	5,56	5,62
	5	9033	8095	6798	5500	4203	2905	5,95	6,17	6,23	6,29	6,35	6,41
	7	9508	8595	7297	6000	4702	3404	6,54	6,84	6,92	6,99	7,07	7,14
	10	10064	9046	7555	6063	4572	3080	7,44	7,93	8,02	8,12	8,21	8,30
	12	9982	9011	7607	6203	4799	3394	7,98	8,59	8,70	8,82	8,92	9,03
	15	9859	8959	7686	6412	5139	3865	8,79	9,59	9,72	9,86	9,99	10,12
	20	9653	8821	8031	7241	4344	/	10,14	11,14	11,87	12,60	11,77	/
	25	9417	8393	6786	5179	/	/	10,44	11,55	11,88	12,21	/	/
	30	9181	8229	6754	5279	/	/	11,03	12,29	12,64	12,99	/	/
	35	9548	8635	7516	6397	/	/	11,31	12,68	13,05	13,42	/	/
	40	10026	9197	8007	6817	/	/	11,57	13,06	13,44	13,82	/	/
	43	10326	9555	8340	7125	/	/	12,25	13,92	14,33	14,73	/	/
30	-25	3999	3679	3082	2484	/	/	1,96	2,03	2,05	2,06	/	/
	-20	5087	4629	4343	4057	2747	/	2,37	2,43	2,57	2,70	2,48	/
	-15	6443	5799	5354	4908	3125	/	2,87	2,98	3,15	3,32	3,05	/
	-10	7280	6479	5569	4659	3749	2839	3,33	3,49	3,52	3,54	3,57	3,59
	-7	7467	7109	5761	4413	3065	1717	3,40	3,53	3,56	3,58	3,61	3,63
	-5	7966	7205	5926	4646	3367	2087	3,69	3,81	3,84	3,88	3,91	3,94
	-2	8229	7495	6188	4880	3573	2265	3,96	4,07	4,11	4,14	4,18	4,21
	0	8493	7785	6450	5115	3779	2444	4,23	4,34	4,38	4,42	4,45	4,49
	2	8649	7855	6578	5302	4025	2748	4,50	4,64	4,70	4,75	4,81	4,86
	5	8952	8083	6837	5590	4344	3097	4,94	5,13	5,18	5,23	5,27	5,32
	7	9199	8215	7026	5837	4648	3459	5,32	5,57	5,63	5,69	5,75	5,81
	10	9278	8122	6771	5420	4069	2718	5,84	6,12	6,19	6,27	6,34	6,41
	12	9324	8200	6927	5654	4380	3107	6,34	6,71	6,80	6,89	6,97	7,06
	15	9393	8316	7160	6004	4847	3691	7,09	7,60	7,71	7,82	7,92	8,03
	20	9507	8465	7841	7218	4658	/	8,33	9,00	9,59	10,19	9,52	/
	25	8998	8169	6739	5309	/	/	8,75	9,52	9,80	10,07	/	/
	30	8489	7749	6485	5221	/	/	9,16	10,04	10,34	10,63	/	/
	35	8829	8130	7067	6003	/	/	9,45	10,43	10,74	11,04	/	/
	40	9270	8389	7300	6211	/	/	10,02	11,13	11,46	11,79	/	/
	43	9548	8717	7605	6493	/	/	11,27	12,61	12,98	13,35	/	/
35	-25	3590	3274	2876	2477	/	/	1,64	1,67	1,68	1,69	/	/
	-20	4735	4271	3509	2746	/	/	2,11	2,17	2,20	2,22	/	/
	-15	6105	5446	5020	4594	2906	/	2,43	2,53	2,67	2,82	2,59	/
	-10	7084	6248	5386	4523	3661	2798	3,15	3,26	3,28	3,31	3,33	3,35
	-7	7266	7000	5704	4409	3113	1817	3,21	3,20	3,26	3,32	3,38	3,44
	-5	7685	6994	5787	4581	3374	2167	3,22	3,30	3,34	3,37	3,41	3,44
	-2	8053	7332	6066	4800	3534	2268	3,49	3,59	3,63	3,66	3,70	3,73
	0	8420	7669	6344	5020	3695	2370	3,77	3,88	3,91	3,95	3,98	4,01
	2	8477	7100	5999	4897	3796	2694	3,95	4,10	4,17	4,24	4,30	4,37
	5	8856	8084	6829	5573	4318	3062	4,56	4,73	4,78	4,82	4,87	4,91
	7 *	9105	**8400**	7140	5880	4620	3360	5,07	**5,15**	5,25	5,35	5,44	5,54
	10	8942	7893	6626	5360	4093	2826	5,42	5,58	5,65	5,72	5,78	5,85
	12	8999	7980	6764	5549	4333	3116	5,67	5,90	5,97	6,05	6,12	6,20
	15	9085	8111	6971	5832	4692	3552	6,04	6,37	6,46	6,55	6,64	6,73
	20	9328	8374	7849	7325	4944	/	7,09	7,53	8,03	8,53	7,98	/
	25	8751	8009	6761	5513	/	/	7,64	8,18	8,42	8,66	/	/
	30	8173	7521	6437	5353	/	/	7,78	8,39	8,64	8,88	/	/
	35	8500	7890	6733	5576	/	/	8,05	8,74	9,00	9,26	/	/
	40	8925	8044	7191	6337	/	/	8,49	9,28	9,56	9,84	/	/
	43	9193	8358	7489	6619	/	/	9,11	10,03	10,33	10,63	/	/
40	-25	3344	3097	2736	2374	/	/	1,55	1,56	1,57	1,58	/	/
	-20	4320	3957	3361	2765	/	/	1,77	1,80	1,82	1,83	/	/
	-15	5566	5043	4080	3117	/	/	2,26	2,32	2,35	2,37	/	/
	-10	6872	6157	5754	5352	3573	/	2,62	2,68	2,84	2,99	2,76	/
	-7	7048	6710	6057	5404	3115	/	2,67	2,79	2,96	3,13	2,90	/
	-5	7451	6864	6209	5554	3234	/	2,90	3,01	3,20	3,39	3,15	/
	-2	7923	7302	6601	5900	3426	/	3,11	3,19	3,39	3,58	3,32	/
	0	8395	7740	6993	6247	3618	/	3,32	3,37	3,57	3,77	3,48	/
	2	8502	7804	7094	6383	3802	/	3,40	3,54	3,74	3,94	3,63	/
	5	8781	8026	7333	6641	4048	/	3,84	3,93	4,17	4,41	4,08	/
	7	8852	8002	7348	6694	4169	/	4,18	4,34	4,61	4,88	4,53	/
	10	8700	7774	7101	6429	3915	/	4,30	4,48	4,76	5,05	4,70	/
	12	8849	7944	7264	6585	4029	/	4,63	4,87	5,18	5,50	5,12	/
	15	9073	8198	7509	6819	4201	/	5,12	5,46	5,82	6,17	5,76	/
	20	9446	8583	7267	5951	/	/	5,93	6,37	6,56	6,74	/	/
	25	9148	8472	7575	6678	/	/	6,34	6,86	7,06	7,26	/	/
	30	8849	8239	7151	6062	/	/	6,84	7,46	7,68	7,89	/	/
	35	9203	8643	7497	6350	/	/	7,05	7,74	7,97	8,20	/	/
	40	9663	8814	7886	6957	/	/	7,31	8,08	8,32	8,56	/	/
	43	9953	9158	8212	7266	/	/	7,86	8,74	9,00	9,26	/	/
45	-25	2815	2638	2206	1773	/	/	1,30	1,29	1,29	1,29	/	/
	-20	3697	3427	2860	2292	/	/	1,61	1,62	1,63	1,64	/	/
	-15	5288	4690	4037	3384	/	/	2,00	2,03	2,05	2,06	/	/
	-10	6770	6141	5122	4103	/	/	2,47	2,50	2,53	2,55	/	/
	-7	6944	6600	6053	5506	3410	/	2,52	2,55	2,71	2,87	2,67	/
	-5	7444	6791	6252	5712	3595	/	2,69	2,75	2,91	3,07	2,84	/
	-2	7767	6975	6391	5806	3582	/	2,81	2,90	3,07	3,23	2,98	/
	0	8090	7160	6530	5900	3568	/	2,94	3,05	3,22	3,39	3,12	/
	2	8308	7400	6780	6161	3801	/	3,04	3,25	3,43	3,61	3,31	/
	5	8694	7624	7035	6445	4095	/	3,38	3,54	3,74	3,95	3,64	/
	7	8979	**8300**	7611	7122	4849	/	3,82	**3,85**	4,13	4,40	4,15	/
	10	8735	7906	7427	6948	4726	/	3,90	3,95	4,19	4,43	4,11	/
	12	8805	8005	7074	6143	/	/	4,09	4,19	4,38	4,57	/	/
	15	8909	8153	6545	4936	/	/	4,38	4,55	4,66	4,77	/	/
	20	9083	8358	6995	5631	/	/	5,02	5,25	5,38	5,51	/	/
	25	9007	8445	7465	6485	/	/	5,80	6,11	6,27	6,42	/	/
	30	8930	8418	7491	6564	/	/	6,23	6,61	6,78	6,95	/	/
	35	9287	8829	7851	6873	/	/	6,34	6,77	6,95	7,12	/	/
	40	9752	9007	8209	7411	/	/	6,46	6,95	7,13	7,31	/	/
	43	10044	9358	8596	7834	/	/	6,83	7,40	7,59	7,78	/	/

"Tw_out	"DB/WB	Heating Capacity [W]						COP					
°C"	°C"	130%	100%	90%	70%	50%	30%	130%	100%	90%	70%	50%	30%
50	-25	/	/	/	/	/	/	/	/	/	/	/	/
	-20	3175	2956	2574	2191	/	/	1,41	1,42	1,43	1,44	/	/
	-15	4669	4160	3691	3222	/	/	1,73	1,76	1,78	1,79	/	/
	-10	6317	5755	5022	4289	/	/	2,20	2,23	2,26	2,28	/	/
	-7	6479	6168	5710	5253	3382	/	2,24	2,31	2,44	2,56	2,35	/
	-5	7345	6587	6143	5699	3775	/	2,46	2,52	2,67	2,81	2,59	/
	-2	7728	6988	6501	6015	3948	/	2,60	2,66	2,81	2,96	2,72	/
	0	8111	7389	6859	6330	4120	/	2,75	2,79	2,95	3,11	2,86	/
	2	8176	7369	6882	6396	4260	/	2,82	2,91	3,09	3,26	3,02	/
	5	8304	7499	7040	6582	4468	/	3,00	3,09	3,27	3,45	3,18	/
	7	8433	7531	6380	5228	/	/	3,17	3,29	3,35	3,40	/	/
	10	8280	7652	6323	4993	/	/	3,42	3,51	3,58	3,65	/	/
	12	8330	7732	6402	5071	/	/	3,56	3,69	3,77	3,85	/	/
	15	8406	7852	6520	5187	/	/	3,77	3,96	4,06	4,15	/	/
	20	8532	8012	6779	5546	/	/	4,22	4,47	4,58	4,69	/	/
	25	8607	8233	7344	6455	/	/	4,61	4,91	5,04	5,16	/	/
	30	8682	8349	7539	6729	/	/	4,99	5,36	5,50	5,63	/	/
	35	9029	8755	7989	7223	/	/	5,21	5,63	5,78	5,92	/	/
	40	9481	8937	7679	/	/	/	5,46	5,95	6,25	/	/	/
	43	9765	9283	8105	/	/	/	6,08	6,67	7,01	/	/	/
55	-25	/	/	/	/	/	/	/	/	/	/	/	/
	-20	2615	2516	2213	1909	/	/	1,25	1,25	1,26	1,27	/	/
	-15	4937	4552	3955	3357	/	/	1,69	1,72	1,74	1,75	/	/
	-10	6066	5533	4866	4198	/	/	1,99	2,01	2,03	2,05	/	/
	-7	6222	6150	5748	3571	/	/	2,03	2,05	2,17	2,13	/	/
	-5	6447	6057	4853	3649	/	/	2,19	2,23	2,27	2,30	/	/
	-2	6772	6194	4960	3726	/	/	2,28	2,32	2,35	2,38	/	/
	0	7097	6330	5067	3804	/	/	2,38	2,41	2,44	2,47	/	/
	2	7256	7100	6605	4009	/	/	2,56	2,60	2,75	2,66	/	/
	5	7562	6684	5482	4280	/	/	2,76	2,82	2,87	2,91	/	/
	7	7802	**7500**	6227	4954	/	/	3,12	**3,18**	3,26	3,33	/	/
	10	8198	7139	6156	5173	/	/	3,31	3,38	3,45	3,51	/	/
	12	8245	7213	6356	5499	/	/	3,41	3,50	3,58	3,65	/	/
	15	8316	7325	6657	5988	/	/	3,55	3,68	3,77	3,86	/	/
	20	8434	7471	6561	5651	/	/	3,97	4,14	4,25	4,35	/	/
	25	8089	7307	6558	5808	/	/	4,25	4,47	4,58	4,69	/	/
	30	7844	7125	6477	5828	/	/	4,53	4,80	4,92	5,04	/	/
	35	8158	7476	6363	/	/	/	4,72	5,03	5,29	/	/	/
	40	/	/	/	/	/	/	/	/	/	/	/	/
	43	/	/	/	/	/	/	/	/	/	/	/	/
60	-25	/	/	/	/	/	/	/	/	/	/	/	/
	-20	/	/	/	/	/	/	/	/	/	/	/	/
	-15	3994	3718	3277	2836	/	/	1,41	1,41	1,42	1,43	/	/
	-10	5187	4777	4251	3724	/	/	1,81	1,81	1,83	1,84	/	/
	-7	5320	5065	4240	3415	/	/	1,85	1,89	1,91	1,92	/	/
	-5	6040	5481	4595	3708	/	/	2,02	2,04	2,07	2,09	/	/
	-2	6444	5757	4821	3885	/	/	2,09	2,10	2,13	2,16	/	/
	0	6849	6034	5048	4061	/	/	2,17	2,17	2,20	2,22	/	/
	2	6910	6159	5186	4212	/	/	2,20	2,25	2,30	2,34	/	/
	5	7110	6207	5319	4430	/	/	2,46	2,49	2,53	2,56	/	/
	7	7241	6249	5507	4765	/	/	2,72	2,77	2,82	2,87	/	/
	10	7499	6893	5959	5024	/	/	2,76	2,81	2,87	2,92	/	/
	12	7571	6989	6123	5256	/	/	2,89	2,96	3,01	3,04	/	/
	15	7678	7134	6370	5605	/	/	3,09	3,19	3,21	3,23	/	/
	20	7857	7340	6302	5264	/	/	3,46	3,47	3,56	3,65	/	/
	25	7465	7104	6277	5449	/	/	3,72	3,76	3,86	3,96	/	/
	30	7072	6766	6053	5339	/	/	3,98	4,06	4,17	4,27	/	/
	35	/	/	/	/	/	/	/	/	/	/	/	/
	40	/	/	/	/	/	/	/	/	/	/	/	/
	43	/	/	/	/	/	/	/	/	/	/	/	/
65	-25	/	/	/	/	/	/	/	/	/	/	/	/
	-20	/	/	/	/	/	/	/	/	/	/	/	/
	-15	/	/	/	/	/	/	/	/	/	/	/	/
	-10	/	/	/	/	/	/	/	/	/	/	/	/
	-7	/	/	/	/	/	/	/	/	/	/	/	/
	-5	/	/	/	/	/	/	/	/	/	/	/	/
	-2	/	/	/	/	/	/	/	/	/	/	/	/
	0	/	/	/	/	/	/	/	/	/	/	/	/
	2	/	/	/	/	/	/	/	/	/	/	/	/
	5	3887	3316	2892	2468	/	/	1,19	1,22	1,23	1,24	/	/
	7	4082	3441	3064	2686	/	/	1,36	1,40	1,41	1,42	/	/
	10	5591	4920	4361	3802	/	/	2,11	2,16	2,19	2,22	/	/
	12	5638	5030	4420	3811	/	/	2,22	2,28	2,31	2,34	/	/
	15	5708	5194	4509	3824	/	/	2,39	2,46	2,49	2,52	/	/
	20	/	/	/	/	/	/	/	/	/	/	/	/
	25	/	/	/	/	/	/	/	/	/	/	/	/
	30	/	/	/	/	/	/	/	/	/	/	/	/
	35	/	/	/	/	/	/	/	/	/	/	/	/
	40	/	/	/	/	/	/	/	/	/	/	/	/
	43	/	/	/	/	/	/	/	/	/	/	/	/

* : Performance values useful for accessing the incentives provided in Italy / Valori prestazionali utili per accedere agli incentivi previsti in Italia

TABELLE PRESTAZIONALI - MODO RISCALDAMENTO / CAPACITY TABLES - HEATING MODE

IDOLA M 3.2 Mod. 10 - Prestazioni riscaldamento / Heating capacity

"Tw_out	"DB/WB	Heating Capacity [W]						COP					
°C"	°C"	130%	100%	90%	70%	50%	30%	130%	100%	90%	70%	50%	30%
25	-25	4680	4329	3569	2808	/	/	2,27	2,32	2,34	2,35	/	/
	-20	5982	5473	4412	3350	/	/	2,82	2,93	2,96	2,99	/	/
	-15	7263	6573	6027	5481	3392	/	3,37	3,53	3,73	3,93	3,61	/
	-10	8372	7493	6451	5409	4366	3324	3,60	3,81	3,84	3,86	3,89	3,91
	-7	8721	8285	6737	5189	3641	2093	3,81	3,92	3,98	4,03	4,09	4,14
	-5	8997	8126	6693	5260	3826	2393	4,10	4,29	4,34	4,39	4,43	4,48
	-2	9215	8227	6772	5317	3862	2407	4,50	4,68	4,73	4,77	4,82	4,86
	0	9433	8328	6851	5375	3898	2421	4,90	5,06	5,11	5,15	5,20	5,24
	2	9719	8621	7170	5720	4269	2818	5,18	5,34	5,41	5,47	5,54	5,60
	5	10242	9087	7631	6174	4718	3261	5,72	5,95	6,01	6,07	6,12	6,18
	7	10494	10220	8604	6989	5373	3757	5,94	6,05	6,16	6,27	6,37	6,48
	10	11196	10063	8404	6745	5085	3426	7,04	7,50	7,59	7,68	7,77	7,86
	12	11286	10189	8604	7018	5432	3846	7,46	8,03	8,13	8,24	8,34	8,44
	15	11420	10379	8904	7428	5953	4477	8,10	8,83	8,95	9,08	9,20	9,32
	20	10808	9876	8992	8107	4864	/	9,05	9,94	10,59	11,25	10,51	/
	25	9943	8863	7166	5469	/	/	9,59	10,61	10,92	11,22	/	/
	30	9774	8761	7191	5620	/	/	10,15	11,31	11,64	11,96	/	/
	35	10165	9192	8002	6811	/	/	10,73	12,03	12,38	12,73	/	/
	40	10673	9791	8525	7258	/	/	11,52	13,01	13,39	13,76	/	/
	43	10993	10172	8879	7585	/	/	12,03	13,67	14,07	14,47	/	/
30	-25	4210	3873	3244	2614	/	/	1,98	2,05	2,07	2,08	/	/
	-20	5354	4873	4572	4270	2891	/	2,39	2,46	2,59	2,73	2,50	/
	-15	6782	6104	5635	5166	3289	/	2,90	3,01	3,18	3,35	3,08	/
	-10	8144	7248	6230	5212	4194	3176	3,22	3,37	3,40	3,42	3,45	3,47
	-7	8483	8182	6624	5067	3509	1951	3,41	3,51	3,54	3,58	3,61	3,64
	-5	8862	8205	6734	5264	3793	2322	3,60	3,70	3,74	3,77	3,81	3,84
	-2	9109	8230	6797	5365	3932	2499	3,82	3,93	3,97	4,00	4,04	4,07
	0	9357	8254	6860	5465	4071	2676	4,05	4,15	4,19	4,23	4,26	4,30
	2	9568	8677	7268	5858	4449	3039	4,34	4,52	4,56	4,61	4,65	4,69
	5	10072	9005	7616	6228	4839	3450	4,80	4,99	5,04	5,09	5,13	5,18
	7	10275	9983	8453	6923	5393	3863	5,21	5,40	5,47	5,55	5,62	5,69
	10	10414	9116	7600	6084	4567	3051	5,64	5,91	5,98	6,05	6,12	6,19
	12	10497	9232	7799	6366	4933	3501	5,98	6,33	6,41	6,49	6,57	6,65
	15	10622	9405	8098	6790	5483	4175	6,49	6,96	7,06	7,16	7,25	7,35
	20	10756	9577	8871	8166	5270	/	7,96	8,60	9,17	9,74	9,10	/
	25	9896	8984	7411	5838	/	/	8,44	9,18	9,45	9,72	/	/
	30	9073	8282	6931	5580	/	/	8,79	9,63	9,92	10,20	/	/
	35	9436	8689	7553	6416	/	/	9,15	10,10	10,40	10,69	/	/
	40	9908	8966	7802	6638	/	/	9,81	10,90	11,22	11,54	/	/
	43	10205	9317	8128	6939	/	/	10,61	11,87	12,22	12,57	/	/
35	-25	3778	3446	3027	2607	/	/	1,66	1,68	1,70	1,71	/	/
	-20	4985	4496	3694	2891	/	/	2,13	2,20	2,22	2,24	/	/
	-15	6427	5733	5284	4836	3059	/	2,46	2,56	2,70	2,85	2,62	/
	-10	7885	6955	5995	5035	4075	3115	2,98	3,08	3,10	3,13	3,15	3,17
	-7	8314	8	2054	/	/	/	3,11	3,05	3,37	/	/	/
	-5	8799	8164	6743	5323	3902	2481	3,33	3,41	3,45	3,49	3,53	3,57
	-2	9131	8249	6831	5412	3994	2575	3,54	3,64	3,68	3,71	3,75	3,78
	0	9463	8335	6918	5502	4085	2668	3,76	3,86	3,89	3,93	3,96	3,99
	2	9719	8200	6907	5614	4320	3027	3,97	4,00	4,09	4,17	4,26	4,34
	5	10132	9068	7660	6252	4843	3435	4,51	4,68	4,73	4,77	4,82	4,86
	7 *	10322	**10000**	8452	6905	5357	3809	4,93	**4,95**	5,06	5,17	5,28	5,39
	10	10031	8855	7434	6013	4591	3170	5,13	5,28	5,35	5,41	5,48	5,54
	12	10111	8967	7601	6235	4868	3502	5,44	5,66	5,73	5,81	5,88	5,96
	15	10232	9134	7851	6568	5284	4001	5,90	6,22	6,31	6,40	6,49	6,58
	20	10673	9582	8982	8381	5657	/	6,72	7,14	7,61	8,09	7,56	/
	25	9819	8987	7587	6186	/	/	7,12	7,63	7,85	8,07	/	/
	30	8895	8186	7006	5826	/	/	7,95	8,57	8,83	9,08	/	/
	35	9251	8587	7328	6069	/	/	8,30	9,01	9,28	9,55	/	/
	40	9713	8754	7825	6896	/	/	8,47	9,26	9,54	9,81	/	/
	43	10005	9097	8150	7203	/	/	9,25	10,18	10,49	10,79	/	/
40	-25	3520	3260	2880	2499	/	/	1,57	1,57	1,59	1,60	/	/
	-20	4548	4166	3538	2910	/	/	1,79	1,82	1,84	1,85	/	/
	-15	5859	5308	4295	3281	/	/	2,28	2,34	2,37	2,40	/	/
	-10	7638	6843	6396	5948	3972	/	2,67	2,74	2,90	3,06	2,82	/
	-7	7956	7430	6725	6021	3517	/	2,83	2,93	3,12	3,31	3,08	/
	-5	8460	7560	6869	6177	3671	/	2,88	2,96	3,15	3,35	3,13	/
	-2	8857	7896	7173	6449	3830	/	3,02	3,08	3,27	3,47	3,22	/
	0	9254	8232	7477	6721	3988	/	3,16	3,20	3,39	3,58	3,31	/
	2	9578	8791	7992	7193	4287	/	3,35	3,46	3,68	3,89	3,62	/
	5	10096	9228	8432	7635	4654	/	3,83	3,92	4,16	4,39	4,07	/
	7	10448	10145	9216	8286	4921	/	4,18	4,29	4,57	4,85	4,53	/
	10	9935	8878	8110	7342	4471	/	4,17	4,35	4,62	4,90	4,55	/
	12	10015	8990	8221	7452	4559	/	4,42	4,66	4,95	5,26	4,89	/
	15	10134	9157	8387	7617	4692	/	4,80	5,12	5,45	5,79	5,40	/
	20	10679	9703	8216	6728	/	/	5,66	6,08	6,26	6,44	/	/
	25	9825	9099	8136	7172	/	/	6,00	6,49	6,68	6,87	/	/
	30	8852	8242	7153	6064	/	/	6,72	7,32	7,54	7,75	/	/
	35	9206	8645	7499	6352	/	/	6,97	7,65	7,88	8,10	/	/
	40	9666	8817	7889	6960	/	/	7,34	8,11	8,35	8,59	/	/
	43	9956	9161	8215	7268	/	/	8,07	8,98	9,25	9,51	/	/
45	-25	2963	2776	2322	1867	/	/	1,31	1,30	1,31	1,31	/	/
	-20	3892	3608	3011	2413	/	/	1,63	1,64	1,65	1,66	/	/
	-15	5566	4937	4250	3562	/	/	2,02	2,05	2,07	2,08	/	/
	-10	7376	6690	5580	4470	/	/	2,38	2,41	2,44	2,46	/	/
	-7	7683	7350	6734	6117	3772	/	2,52	2,55	2,71	2,87	2,67	/
	-5	8181	7433	6847	6261	3951	/	2,65	2,72	2,88	3,04	2,80	/
	-2	8535	7650	7011	6372	3936	/	2,76	2,84	3,00	3,17	2,92	/
	0	8889	7866	7174	6482	3920	/	2,87	2,97	3,14	3,31	3,04	/
	2	9244	7850	7247	6644	4230	/	3,01	3,20	3,38	3,56	3,28	/
	5	9786	8582	7919	7255	4609	/	3,40	3,55	3,76	3,97	3,66	/
	7	10279	**10000**	9277	8553	5551	/	3,77	**3,75**	4,03	4,31	4,09	/
	10	9873	8937	8395	7853	5341	/	3,67	3,72	3,94	4,17	3,86	/
	12	9952	9049	7996	6943	/	/	3,89	3,98	4,16	4,34	/	/
	15	10070	9216	7398	5579	/	/	4,22	4,38	4,49	4,59	/	/
	20	10283	9462	7919	6375	/	/	4,86	5,08	5,21	5,34	/	/
	25	9460	8871	7841	6811	/	/	5,15	5,43	5,57	5,70	/	/
	30	9923	9354	8324	7293	/	/	6,15	6,53	6,70	6,86	/	/
	35	10320	9811	8724	7637	/	/	6,40	6,84	7,02	7,19	/	/
	40	10836	10009	9122	8235	/	/	6,79	7,31	7,50	7,68	/	/
	43	11161	10398	9552	8706	/	/	7,58	8,21	8,43	8,64	/	/

"Tw_out	"DB/WB	Heating Capacity [W]						COP					
°C"	°C"	130%	100%	90%	70%	50%	30%	130%	100%	90%	70%	50%	30%
50	-25	/	/	/	/	/	/	/	/	/	/	/	/
	-20	3342	3111	2709	2306	/	/	1,42	1,44	1,45	1,45	/	/
	-15	5215	4779	4085	3391	/	/	1,74	1,78	1,80	1,81	/	/
	-10	7033	6407	5591	4775	/	/	2,13	2,16	2,18	2,20	/	/
	-7	7326	6998	6475	5952	3824	/	2,25	2,30	2,43	2,56	2,36	/
	-5	8039	7081	6624	6167	4132	/	2,46	2,52	2,66	2,81	2,58	/
	-2	8428	7557	7041	6524	4305	/	2,58	2,63	2,78	2,93	2,70	/
	0	8817	8032	7457	6881	4479	/	2,70	2,75	2,91	3,06	2,82	/
	2	9016	8201	7660	7120	4744	/	2,80	2,89	3,06	3,24	3,00	/
	5	9452	8535	8013	7491	5085	/	3,01	3,09	3,27	3,45	3,18	/
	7	9833	9581	7839	6096	/	/	3,22	3,28	3,37	3,46	/	/
	10	9588	8860	7321	5782	/	/	3,30	3,39	3,46	3,52	/	/
	12	9665	8970	7427	5883	/	/	3,50	3,63	3,71	3,78	/	/
	15	9780	9135	7585	6034	/	/	3,80	3,99	4,09	4,18	/	/
	20	10022	9412	7963	6514	/	/	4,21	4,46	4,57	4,68	/	/
	25	9220	8820	7868	6915	/	/	4,46	4,76	4,88	5,00	/	/
	30	9314	8956	8087	7218	/	/	4,96	5,33	5,46	5,59	/	/
	35	9687	9392	8571	7749	/	/	5,17	5,59	5,74	5,88	/	/
	40	10171	9587	8238	/	/	/	5,53	6,02	6,33	/	/	/
	43	10476	9959	8695	/	/	/	6,25	6,85	7,20	/	/	/
55	-25	/	/	/	/	/	/	/	/	/	/	/	/
	-20	2753	2648	2329	2010	/	/	1,26	1,27	1,28	1,28	/	/
	-15	5197	4692	4113	3534	/	/	1,71	1,74	1,75	1,76	/	/
	-10	6670	6083	5350	4616	/	/	1,86	1,88	1,90	1,92	/	/
	-7	7048	6850	6405	5961	3988	/	1,97	2,00	2,12	2,24	2,07	/
	-5	7528	6889	5575	4261	/	/	2,27	2,31	2,35	2,38	/	/
	-2	7853	7092	5707	4322	/	/	2,37	2,43	2,46	2,49	/	/
	0	8179	7295	5840	4384	/	/	2,47	2,54	2,58	2,61	/	/
	2	8515	8100	7576	7052	4722	/	2,52	2,56	2,73	2,90	2,71	/
	5	9075	8023	6580	5137	/	/	2,78	2,84	2,88	2,92	/	/
	7	9721	**9500**	7837	6173	/	/	3,04	**3,10**	3,18	3,25	/	/
	10	9573	8337	7189	6041	/	/	3,08	3,14	3,21	3,27	/	/
	12	9649	8443	7440	6437	/	/	3,26	3,35	3,43	3,50	/	/
	15	9764	8601	7816	7030	/	/	3,54	3,67	3,76	3,85	/	/
	20	9851	8727	7664	6600	/	/	3,88	4,05	4,15	4,25	/	/
	25	9063	8187	7347	6507	/	/	4,11	4,32	4,43	4,54	/	/
	30	9037	8209	7462	6714	/	/	4,80	5,08	5,21	5,34	/	/
	35	9416	8628	7345	/	/	/	4,96	5,29	5,56	/	/	/
	40	/	/	/	/	/	/	/	/	/	/	/	/
	43	/	/	/	/	/	/	/	/	/	/	/	/
60	-25	/	/	/	/	/	/	/	/	/	/	/	/
	-20	/	/	/	/	/	/	/	/	/	/	/	/
	-15	4204	3914	3450	2985	/	/	1,42	1,42	1,43	1,44	/	/
	-10	5385	4959	4413	3866	/	/	1,71	1,70	1,72	1,74	/	/
	-7	5609	5142	4372	3601	/	/	1,81	1,84	1,86	1,88	/	/
	-5	6131	5463	4614	3764	/	/	1,98	2,02	2,04	2,06	/	/
	-2	6560	5810	4882	3954	/	/	2,05	2,07	2,09	2,11	/	/
	0	6989	6157	5151	4144	/	/	2,12	2,11	2,14	2,17	/	/
	2	7324	6941	5712	4482	/	/	2,19	2,23	2,27	2,31	/	/
	5	7853	6856	5875	4893	/	/	2,45	2,48	2,52	2,55	/	/
	7	8227	7700	6557	5413	/	/	2,78	2,83	2,88	2,93	/	/
	10	8268	7600	6570	5540	/	/	2,72	2,77	2,83	2,88	/	/
	12	8334	7694	6740	5786	/	/	2,88	2,95	3,00	3,04	/	/
	15	8433	7836	6996	6156	/	/	3,13	3,23	3,25	3,27	/	/
	20	8895	8309	7135	5960	/	/	3,48	3,49	3,58	3,67	/	/
	25	8183	7788	6881	5974	/	/	3,69	3,73	3,83	3,93	/	/
	30	7490	7165	6410	5655	/	/	3,83	3,90	4,01	4,11	/	/
	35	/	/	/	/	/	/	/	/	/	/	/	/
	40	/	/	/	/	/	/	/	/	/	/	/	/
	43	/	/	/	/	/	/	/	/	/	/	/	/
65	-25	/	/	/	/	/	/	/	/	/	/	/	/
	-20	/	/	/	/	/	/	/	/	/	/	/	/
	-15	/	/	/	/	/	/	/	/	/	/	/	/
	-10	/	/	/	/	/	/	/	/	/	/	/	/
	-7	/	/	/	/	/	/	/	/	/	/	/	/
	-5	/	/	/	/	/	/	/	/	/	/	/	/
	-2	/	/	/	/	/	/	/	/	/	/	/	/
	0	/	/	/	/	/	/	/	/	/	/	/	/
	2	/	/	/	/	/	/	/	/	/	/	/	/
	5	4523	3858	3365	2872	/	/	1,37	1,40	1,41	1,42	/	/
	7	4847	4286	3738	3189	/	/	1,56	1,61	1,62	1,63	/	/
	10	6436	5664	5020	4376	/	/	2,11	2,16	2,19	2,22	/	/
	12	6488	5788	5086	4385	/	/	2,24	2,30	2,33	2,36	/	/
	15	6565	5974	5186	4398	/	/	2,43	2,50	2,53	2,56	/	/
	20	/	/	/	/	/	/	/	/	/	/	/	/
	25	/	/	/	/	/	/	/	/	/	/	/	/
	30	/	/	/	/	/	/	/	/	/	/	/	/
	35	/	/	/	/	/	/	/	/	/	/	/	/
	40	/	/	/	/	/	/	/	/	/	/	/	/
	43	/	/	/	/	/	/	/	/	/	/	/	/

* : Performance values useful for accessing the incentives provided in Italy / Valori prestazionali utili per accedere agli incentivi previsti in Italia

TABELLE PRESTAZIONALI - MODO RISCALDAMENTO / CAPACITY TABLES - HEATING MODE

IDOLA M 3.2 Mod. 12 - 12T - Prestazioni riscaldamento / Heating capacity

"Tw_out	"DB/WB	Heating Capacity [W]						COP					
°C"	°C"	130%	100%	90%	70%	50%	30%	130%	100%	90%	70%	50%	30%
25	-25	6330	5356	4497	3637	/	/	2,17	2,30	2,33	2,36	/	/
	-20	7745	6728	5586	4443	/	/	2,55	2,75	2,77	2,78	/	/
	-15	8945	7432	6142	4851	/	/	2,85	3,09	3,13	3,16	/	/
	-10	10981	9060	8305	7550	4667	/	3,17	3,37	3,57	3,77	3,49	/
	-7	12295	11094	9473	7853	6232	4611	3,49	3,57	3,66	3,76	3,85	3,94
	-5	12347	10261	9260	8258	4754	/	3,71	4,03	4,28	4,52	4,19	/
	-2	12413	10246	9280	8315	4872	/	4,03	4,33	4,62	4,90	4,58	/
	0	12478	10232	9302	8373	4991	/	4,35	4,63	4,95	5,27	4,96	/
	2	13362	10740	9811	8881	5408	/	4,78	5,23	5,58	5,92	5,54	/
	5	14597	11765	10744	9722	5912	/	5,49	6,05	6,44	6,82	6,35	/
	7	15445	12897	11686	10474	6147	/	6,00	6,57	7,01	7,45	6,98	/
	10	14948	11824	10841	9858	6099	/	6,22	6,88	7,32	7,77	7,24	/
	12	15016	11908	10887	9866	6030	/	6,80	7,55	8,03	8,52	7,93	/
	15	15119	12035	10957	9879	5927	/	7,67	8,56	9,10	9,64	8,96	/
	20	14563	11468	10485	9503	5810	/	8,76	9,86	10,48	11,10	10,32	/
	25	14406	11417	10468	9520	5892	/	9,31	10,47	11,13	11,79	10,97	/
	30	14636	11708	10951	10194	6827	/	10,12	11,31	12,02	12,72	11,82	/
	35	15165	12359	11565	10772	7226	/	10,87	12,09	12,89	13,68	12,79	/
	40	15688	13099	12251	11402	7632	/	11,10	12,42	13,24	14,06	13,14	/
	43	16150	13728	12866	12005	8099	/	11,96	13,47	14,36	15,25	14,26	/
30	-25	5960	5121	4320	3518	/	/	2,15	2,29	2,32	2,35	/	/
	-20	7488	6601	5411	4221	/	/	2,50	2,70	2,72	2,74	/	/
	-15	8657	7351	6178	5004	/	/	2,65	2,88	2,91	2,94	/	/
	-10	10376	8263	7637	7011	4484	/	2,74	2,92	3,10	3,27	3,03	/
	-7	10943	10286	8678	7069	5461	3852	3,02	3,15	3,20	3,26	3,31	3,36
	-5	11212	10217	8678	7138	5599	4059	3,15	3,20	3,28	3,37	3,45	3,53
	-2	11649	10136	8689	7242	5794	4347	3,48	3,61	3,68	3,76	3,83	3,90
	0	12086	10054	9067	8080	4636	/	3,80	4,01	4,28	4,56	4,28	/
	2	12733	9960	9079	8198	4946	/	4,09	4,47	4,75	5,04	4,69	/
	5	13710	10768	9813	8858	5337	/	4,55	4,94	5,26	5,57	5,19	/
	7	14670	12107	10905	9702	5533	/	5,01	5,42	5,79	6,17	5,79	/
	10	14361	11231	10276	9321	5716	/	5,49	5,99	6,38	6,77	6,31	/
	12	14495	11365	10387	9408	5740	/	5,95	6,52	6,94	7,36	6,86	/
	15	14697	11567	10553	9539	5776	/	6,65	7,32	7,79	8,25	7,68	/
	20	14319	11147	10214	9281	5728	/	7,60	8,45	8,98	9,52	8,85	/
	25	14279	11188	10281	9373	5854	/	8,23	9,15	9,73	10,30	9,58	/
	30	14199	11231	9095	6958	/	/	8,75	9,66	9,89	10,11	/	/
	35	14857	11975	9702	7429	/	/	9,29	10,21	10,51	10,81	/	/
	40	15588	12876	10413	7950	/	/	9,82	10,86	11,18	11,50	/	/
	43	15950	13414	10894	8374	/	/	10,61	11,81	12,16	12,51	/	/
35	-25	5030	4235	3755	3275	/	/	1,70	1,79	1,80	1,81	/	/
	-20	7213	6254	5165	4075	/	/	2,16	2,30	2,32	2,33	/	/
	-15	8358	7281	6099	4916	/	/	2,45	2,62	2,65	2,68	/	/
	-10	10022	8138	7506	6873	4359	/	2,54	2,66	2,82	2,97	2,74	/
	-7	11020	10000	8492	6984	5475	3967	2,83	3,00	3,04	3,07	3,11	3,14
	-5	11298	9949	8507	7065	5622	4180	2,92	3,03	3,09	3,15	3,20	3,26
	-2	11645	9868	8501	7134	5766	4399	3,20	3,39	3,44	3,49	3,54	3,59
	0	11992	9786	8854	7922	4617	/	3,48	3,74	3,98	4,21	3,92	/
	2	12638	9200	8484	7768	4924	/	3,66	3,90	4,19	4,47	4,23	/
	5	13616	10566	9649	8732	5310	/	4,15	4,50	4,79	5,08	4,73	/
	7 *	14571	**12100**	10912	9725	5581	/	4,69	**4,95**	5,32	5,68	5,38	/
	10	14303	10884	9981	9078	5621	/	5,06	5,51	5,87	6,23	5,81	/
	12	14327	10932	10017	9103	5619	/	5,21	5,69	6,06	6,43	5,99	/
	15	14364	11003	10072	9140	5616	/	5,43	5,97	6,35	6,73	6,26	/
	20	14223	10774	9907	9039	5661	/	6,47	7,18	7,63	8,09	7,52	/
	25	14182	10814	9972	9130	5786	/	7,35	8,15	8,66	9,18	8,54	/
	30	14347	11047	9433	7819	/	/	7,76	8,55	8,67	8,78	/	/
	35	14712	11549	9857	8165	/	/	8,16	8,78	9,05	9,31	/	/
	40	15483	12464	10606	8748	/	/	8,65	9,37	9,65	9,93	/	/
	43	15889	13029	11123	9216	/	/	9,18	10,01	10,32	10,62	/	/
40	-25	4530	3878	3479	3080	/	/	1,45	1,51	1,52	1,53	/	/
	-20	6383	5623	4672	3721	/	/	1,87	1,97	1,99	2,00	/	/
	-15	7934	6633	5590	4546	/	/	2,19	2,32	2,35	2,37	/	/
	-10	9685	8000	7406	6813	4387	/	2,23	2,32	2,45	2,59	2,38	/
	-7	10416	10143	8657	7171	5684	4198	2,44	2,50	2,56	2,62	2,68	2,74
	-5	10940	10072	8684	7295	5907	4518	2,57	2,68	2,74	2,79	2,85	2,90
	-2	11594	10089	9161	8233	4880	/	2,80	2,97	3,17	3,38	3,17	/
	0	12249	10105	9273	8441	5243	/	3,04	3,25	3,47	3,69	3,45	/
	2	12873	10067	9331	8595	5560	/	3,28	3,58	3,83	4,08	3,83	/
	5	13783	10833	10037	9241	5968	/	3,73	4,08	4,34	4,60	4,29	/
	7	14796	12355	11308	10262	6303	/	4,14	4,50	4,81	5,12	4,80	/
	10	14606	11261	10478	9696	6368	/	4,37	4,81	5,12	5,43	5,07	/
	12	14746	11399	10646	9894	6590	/	4,51	4,98	5,30	5,62	5,24	/
	15	14955	11605	10898	10191	6924	/	4,72	5,24	5,57	5,90	5,49	/
	20	14835	11386	9179	6972	/	/	5,39	6,04	6,18	6,32	/	/
	25	14715	11367	9215	7063	/	/	6,26	7,79	7,58	7,36	/	/
	30	14693	11461	9845	8228	/	/	6,63	8,15	7,84	7,52	/	/
	35	15088	11995	10298	8600	/	/	6,95	7,49	7,72	7,94	/	/
	40	15956	13004	11050	9095	/	/	7,36	7,99	8,23	8,47	/	/
	43	16483	13681	11662	9643	/	/	7,82	8,54	8,80	9,06	/	/
45	-25	4225	3663	3247	2831	/	/	1,28	1,30	1,30	1,30	/	/
	-20	6051	5307	4620	3933	/	/	1,72	1,77	1,76	1,75	/	/
	-15	7387	6035	5382	4728	/	/	1,87	1,93	1,93	1,93	/	/
	-10	9323	7803	6326	4848	/	/	2,05	2,11	2,13	2,15	/	/
	-7	10404	10200	9393	8586	5410	/	2,31	2,40	2,55	2,71	2,52	/
	-5	10943	10177	9482	8787	5800	/	2,37	2,45	2,62	2,78	2,61	/
	-2	11618	10203	8227	6250	/	/	2,59	2,71	2,79	2,86	/	/
	0	12292	10228	8464	6699	/	/	2,81	2,96	3,04	3,11	/	/
	2	12826	10600	8819	7038	/	/	2,92	3,00	3,16	3,32	/	/
	5	13618	11082	9286	7490	/	/	3,26	3,51	3,59	3,66	/	/
	7	14508	**12300**	10089	7878	/	/	3,63	**3,70**	3,90	4,10	/	/
	10	14320	10912	9416	7919	/	/	3,69	3,99	4,08	4,16	/	/
	12	14434	11028	9508	7988	/	/	3,87	4,20	4,29	4,37	/	/
	15	14605	11202	9647	8091	/	/	4,14	4,52	4,61	4,69	/	/
	20	14750	11188	9732	8275	/	/	4,69	5,16	5,26	5,36	/	/
	25	14695	11220	9806	8391	/	/	5,39	5,93	6,05	6,16	/	/
	30	14734	11360	9942	8523	/	/	5,59	5,88	6,03	6,18	/	/
	35	14572	11454	10015	8576	/	/	5,83	6,17	6,33	6,49	/	/
	40	15337	12362	10706	9049	/	/	6,29	6,71	6,88	7,05	/	/
	43	15985	13124	11438	9751	/	/	6,81	7,31	7,50	7,69	/	/

"Tw_out	"DB/WB	Heating Capacity [W]						COP					
°C"	°C"	130%	100%	90%	70%	50%	30%	130%	100%	90%	70%	50%	30%
50	-25	/	/	/	/	/	/	/	/	/	/	/	/
	-20	5362	4724	4239	3753	/	/	1,51	1,56	1,55	1,54	/	/
	-15	6712	5511	5071	4631	/	/	1,69	1,75	1,75	1,75	/	/
	-10	8964	7539	6324	5109	/	/	1,94	2,00	2,02	2,04	/	/
	-7	10613	10276	9540	8804	5731	/	2,24	2,29	2,43	2,56	2,37	/
	-5	10773	10148	9494	8840	5925	/	2,27	2,32	2,47	2,61	2,43	/
	-2	10949	10139	9513	8887	6020	/	2,34	2,39	2,55	2,71	2,54	/
	0	11124	10129	8123	6116	/	/	2,41	2,46	2,56	2,65	/	/
	2	11849	10132	8394	6656	/	/	2,62	2,65	2,76	2,87	/	/
	5	12813	11750	9527	7303	/	/	2,88	2,93	3,04	3,15	/	/
	7	13908	12170	10000	7830	/	/	3,14	3,25	3,36	3,46	/	/
	10	13539	10100	8929	7758	/	/	3,30	3,44	3,54	3,63	/	/
	12	13493	10092	9030	7968	/	/	3,42	3,58	3,68	3,77	/	/
	15	13424	10081	9182	8283	/	/	3,60	3,79	3,89	3,98	/	/
	20	13661	10143	9334	8524	/	/	4,06	4,32	4,43	4,53	/	/
	25	13898	10389	9600	8811	/	/	4,63	4,93	5,06	5,18	/	/
	30	13946	10529	9738	8946	/	/	4,95	5,24	5,38	5,51	/	/
	35	14225	10953	10111	9268	/	/	5,24	5,58	5,73	5,87	/	/
	40	14511	11464	10532	9599	/	/	5,40	5,80	5,95	6,10	/	/
	43	14782	11900	10950	10000	/	/	5,75	6,22	6,38	6,54	/	/
55	-25	/	/	/	/	/	/	/	/	/	/	/	/
	-20	5075	4628	4116	3603	/	/	1,40	1,40	1,40	1,39	/	/
	-15	6334	5302	4868	4434	/	/	1,47	1,48	1,49	1,49	/	/
	-10	8602	7243	6288	5333	/	/	1,79	1,85	1,87	1,89	/	/
	-7	10587	9800	7918	6035	/	/	2,02	2,05	2,11	2,16	/	/
	-5	10555	9959	8041	6122	/	/	2,05	2,11	2,16	2,20	/	/
	-2	10664	9949	8063	6177	/	/	2,16	2,23	2,27	2,31	/	/
	0	10774	9938	8085	6232	/	/	2,27	2,34	2,38	2,42	/	/
	2	11643	11300	9199	7097	/	/	2,52	2,50	2,58	2,65	/	/
	5	12819	11602	9839	8076	/	/	2,73	2,81	2,90	2,98	/	/
	7	13852	**11900**	10265	8630	/	/	2,97	**3,05**	3,16	3,27	/	/
	10	13117	9864	9084	8303	/	/	2,99	3,13	3,20	3,27	/	/
	12	12690	9567	8583	/	/	/	3,01	3,16	3,25	/	/	/
	15	12049	9121	7832	/	/	/	3,03	3,20	3,33	/	/	/
	20	12023	8999	7899	/	/	/	3,39	3,61	3,75	/	/	/
	25	11997	9040	8002	/	/	/	3,84	4,09	4,25	/	/	/
	30	12641	9620	8596	/	/	/	4,30	4,49	4,73	/	/	/
	35	12893	10005	8896	/	/	/	4,62	4,86	5,11	/	/	/
	40	/	/	/	/	/	/	/	/	/	/	/	/
	43	/	/	/	/	/	/	/	/	/	/	/	/
60	-25	/	/	/	/	/	/	/	/	/	/	/	/
	-20	/	/	/	/	/	/	/	/	/	/	/	/
	-15	5865	4962	4223	/	/	/	1,25	1,24	1,25	/	/	/
	-10	6695	5697	5092	4486	/	/	1,30	1,33	1,34	1,35	/	/
	-7	8049	7228	6230	5232	/	/	1,59	1,64	1,66	1,68	/	/
	-5	8213	7243	6332	5420	/	/	1,60	1,63	1,66	1,69	/	/
	-2	8367	7285	6436	5586	/	/	1,65	1,68	1,72	1,75	/	/
	0	8522	7326	6539	5752	/	/	1,69	1,73	1,77	1,81	/	/
	2	9915	8174	7465	6755	/	/	1,91	2,01	2,06	2,10	/	/
	5	11570	9210	7868	/	/	/	2,29	2,38	2,48	/	/	/
	7	12949	10812	9764	8715	/	/	2,56	2,66	2,73	2,79	/	/
	10	12702	9920	8676	/	/	/	2,65	2,74	2,87	/	/	/
	12	12538	9816	8696	/	/	/	2,73	2,83	2,96	/	/	/
	15	12291	9661	8727	/	/	/	2,85	2,97	3,09	/	/	/
	20	10762	8367	7716	/	/	/	2,90	3,06	3,18	/	/	/
	25	10033	7851	7294	/	/	/	2,99	3,14	3,27	/	/	/
	30	10342	8170	7343	/	/	/	3,04	3,17	3,33	/	/	/
	35	/	/	/	/	/	/	/	/	/	/	/	/
	40	/	/	/	/	/	/	/	/	/	/	/	/
	43	/	/	/	/	/	/	/	/	/	/	/	/
65	-25	/	/	/	/	/	/	/	/	/	/	/	/
	-20	/	/	/	/	/	/	/	/	/	/	/	/
	-15	/	/	/	/	/	/	/	/	/	/	/	/
	-10	/	/	/	/	/	/	/	/	/	/	/	/
	-7	/	/	/	/	/	/	/	/	/	/	/	/
	-5	/	/	/	/	/	/	/	/	/	/	/	/
	-2	/	/	/	/	/	/	/	/	/	/	/	/
	0	/	/	/	/	/	/	/	/	/	/	/	/
	2	/	/	/	/	/	/	/	/	/	/	/	/
	5	9921	8195	6994	/	/	/	1,92	2,02	2,10	/	/	/
	7	11541	9637	8847	8056	/	/	2,23	2,35	2,41	2,46	/	/
	10	11688	9479	8275	/	/	/	2,39	2,49	2,61	/	/	/
	12	11706	9517	8415	/	/	/	2,49	2,62	2,73	/	/	/
	15	11733	9574	8624	/	/	/	2,65	2,82	2,92	/	/	/
	20	/	/	/	/	/	/	/	/	/	/	/	/
	25	/	/	/	/	/	/	/	/	/	/	/	/
	30	/	/	/	/	/	/	/	/	/	/	/	/
	35	/	/	/	/	/	/	/	/	/	/	/	/
	40	/	/	/	/	/	/	/	/	/	/	/	/
	43	/	/	/	/	/	/	/	/	/	/	/	/

* : Performance values useful for accessing the incentives provided in Italy / Valori prestazionali utili per accedere agli incentivi previsti in Italia

TABELLE PRESTAZIONALI - MODO RISCALDAMENTO / CAPACITY TABLES - HEATING MODE

IDOLA M 3.2 Mod. 14 - 14T - Prestazioni riscaldamento / Heating capacity

"Tw_out	"DB/WB	Heating Capacity [W]						COP					
°C"	°C"	130%	100%	90%	70%	50%	30%	130%	100%	90%	70%	50%	30%
25	-25	7004	5847	4806	3765	/	/	2,14	2,27	2,30	2,33	/	/
	-20	8357	7266	5924	4582	/	/	2,57	2,77	2,79	2,80	/	/
	-15	9612	8026	6633	5239	/	/	2,82	3,06	3,10	3,13	/	/
	-10	11885	9805	8988	8171	5051	/	3,12	3,31	3,51	3,71	3,44	/
	-7	13707	12453	10625	8797	6968	5140	3,41	3,56	3,63	3,70	3,77	3,84
	-5	13900	12051	10376	8702	7027	5352	3,68	3,95	4,01	4,06	4,12	4,17
	-2	14109	12124	10919	9715	5539	/	3,95	4,24	4,52	4,80	4,48	/
	0	14318	12197	11028	9858	5727	/	4,21	4,52	4,82	5,13	4,80	/
	2	14685	11977	10913	9849	5930	/	4,59	4,97	5,32	5,67	5,33	/
	5	15379	13396	12095	10794	6229	/	5,25	5,61	6,02	6,42	6,07	/
	7	16272	15214	13030	10845	6476	/	5,80	6,26	6,38	6,51	6,75	/
	10	15536	12289	11267	10245	6339	/	6,81	7,53	8,02	8,50	7,93	/
	12	15450	12251	11201	10151	6205	/	7,13	7,92	8,43	8,93	8,32	/
	15	15320	12195	11103	10010	6005	/	7,62	8,50	9,04	9,57	8,90	/
	20	14904	11737	10732	9726	5947	/	8,35	9,40	9,99	10,58	9,84	/
	25	14887	11798	10818	9838	6089	/	9,08	10,22	10,86	11,51	10,70	/
	30	15250	12200	11411	10623	7114	/	9,82	10,98	11,66	12,35	11,47	/
	35	16012	13050	12212	11374	7630	/	11,05	12,28	13,09	13,90	13,00	/
	40	16222	13545	12668	11790	7892	/	11,62	13,01	13,87	14,73	13,77	/
	43	16547	14065	13182	12300	8298	/	12,20	13,75	14,66	15,57	14,55	/
30	-25	6761	5706	4861	4016	/	/	2,11	2,25	2,28	2,30	/	/
	-20	8012	7265	6020	4774	/	/	2,52	2,72	2,74	2,76	/	/
	-15	9466	7939	6672	5405	/	/	2,62	2,85	2,88	2,91	/	/
	-10	11420	9364	8655	7945	5082	/	2,73	2,91	3,09	3,26	3,02	/
	-7	12914	12186	10276	8366	6456	4546	3,02	3,09	3,16	3,23	3,29	3,36
	-5	13191	11843	10076	8309	6542	4775	3,41	3,60	3,65	3,71	3,76	3,81
	-2	13436	11816	10126	8436	6745	5055	3,64	3,84	3,90	3,97	4,03	4,09
	0	13681	11788	10603	9418	5336	/	3,87	4,08	4,36	4,64	4,36	/
	2	14137	11801	10677	9552	5567	/	4,11	4,46	4,75	5,04	4,71	/
	5	14908	13082	11758	10434	5889	/	4,51	4,82	5,15	5,48	5,15	/
	7	15551	14540	12414	10287	6034	/	4,94	5,24	5,35	5,46	5,68	/
	10	15519	12136	11104	10072	6177	/	5,36	5,85	6,23	6,61	6,16	/
	12	15383	12060	11022	9984	6093	/	5,53	6,06	6,45	6,84	6,37	/
	15	15180	11947	10900	9852	5966	/	5,79	6,37	6,77	7,18	6,68	/
	20	14814	11533	10568	9602	5926	/	6,74	7,49	7,96	8,44	7,85	/
	25	14748	11555	10618	9681	6047	/	7,69	8,55	9,09	9,63	8,95	/
	30	14809	11714	9485	7256	/	/	8,21	9,07	9,28	9,49	/	/
	35	15370	12388	10037	7685	/	/	9,04	9,93	10,23	10,52	/	/
	40	16406	13551	10959	8367	/	/	10,29	11,38	11,72	12,06	/	/
	43	16734	14074	11430	8785	/	/	10,83	12,06	12,42	12,78	/	/
35	-25	5432	4574	4055	3536	/	/	1,71	1,79	1,81	1,82	/	/
	-20	7790	6754	5578	4401	/	/	2,18	2,32	2,34	2,35	/	/
	-15	9216	7864	6587	5309	/	/	2,43	2,60	2,63	2,66	/	/
	-10	10949	8890	8200	7509	4763	/	2,47	2,59	2,74	2,89	2,66	/
	-7	12698	12000	10143	8286	6428	4571	2,79	2,85	2,91	2,98	3,04	3,10
	-5	12764	11874	10059	8243	6428	4612	2,99	3,06	3,13	3,20	3,27	3,34
	-2	12898	11798	10023	8249	6474	4699	3,12	3,26	3,32	3,38	3,44	3,50
	0	13032	11723	9989	8255	6520	4786	3,26	3,45	3,50	3,56	3,61	3,66
	2	13614	11000	9939	8879	5143	4879	3,46	3,60	3,89	4,18	4,00	3,77
	5	14316	13009	11153	9296	7440	5583	3,94	4,10	4,20	4,30	4,39	4,49
	7 *	15457	**14500**	12355	10210	8065	5920	4,59	**4,60**	4,77	4,94	5,10	5,27
	10	14863	11310	10372	9433	5841	/	4,79	5,22	5,56	5,90	5,50	/
	12	14984	11432	10476	9520	5877	/	4,94	5,40	5,75	6,10	5,68	/
	15	15165	11616	10633	9650	5930	/	5,16	5,67	6,03	6,39	5,94	/
	20	14642	11091	10198	9305	5828	/	5,65	6,27	6,67	7,06	6,57	/
	25	14619	11147	10279	9412	5965	/	6,15	6,82	7,25	7,68	7,15	/
	30	14857	11440	9769	8097	/	/	7,09	7,81	7,92	8,02	/	/
	35	14994	11770	10046	8322	/	/	8,02	8,63	8,89	9,15	/	/
	40	16213	13052	11106	9160	/	/	8,57	9,28	9,56	9,84	/	/
	43	16537	13561	11577	9592	/	/	8,81	9,61	9,90	10,19	/	/
40	-25	4892	4188	3758	3327	/	/	1,46	1,51	1,53	1,54	/	/
	-20	6893	6073	5046	4019	/	/	1,89	1,99	2,01	2,02	/	/
	-15	8569	7163	6037	4910	/	/	2,17	2,29	2,32	2,35	/	/
	-10	10601	8756	8106	7457	4802	/	2,26	2,34	2,48	2,61	2,41	/
	-7	12317	11866	10141	8415	6690	4964	2,49	2,66	2,70	2,73	2,77	2,80
	-5	12560	11702	10073	8445	6816	5187	2,73	2,87	2,92	2,97	3,02	3,07
	-2	12783	11747	10583	9418	5377	/	2,87	3,05	3,26	3,47	3,25	/
	0	13006	11793	10671	9548	5567	/	3,01	3,23	3,44	3,66	3,42	/
	2	13463	11550	10554	9557	5827	/	3,18	3,40	3,64	3,87	3,64	/
	5	14275	12620	11480	10341	6181	/	3,61	3,87	4,14	4,42	4,16	/
	7	15596	14582	13128	11674	6644	/	4,04	4,15	4,50	4,86	4,68	/
	10	15266	11770	10952	10134	6656	/	4,24	4,67	4,97	5,27	4,92	/
	12	15493	11976	11186	10396	6926	/	4,32	4,78	5,08	5,39	5,02	/
	15	15833	12286	11538	10789	7331	/	4,45	4,94	5,25	5,57	5,18	/
	20	15232	11690	9425	7159	/	/	5,01	5,62	5,75	5,88	/	/
	25	14930	11533	9350	7166	/	/	5,57	6,93	6,74	6,54	/	/
	30	15060	11747	10091	8434	/	/	6,22	7,64	7,35	7,05	/	/
	35	15490	12315	10572	8829	/	/	6,86	7,39	7,62	7,84	/	/
	40	15963	13010	11055	9099	/	/	7,26	7,88	8,12	8,35	/	/
	43	16282	13514	11520	9525	/	/	7,69	8,40	8,65	8,90	/	/
45	-25	4474	3879	3439	2998	/	/	1,29	1,30	1,31	1,31	/	/
	-20	6246	5478	4769	4060	/	/	1,73	1,78	1,77	1,76	/	/
	-15	7632	6235	5560	4884	/	/	1,85	1,91	1,91	1,91	/	/
	-10	9638	8067	6540	5012	/	/	2,04	2,09	2,11	2,13	/	/
	-7	11943	11700	10775	9851	6210	/	2,31	2,35	2,51	2,68	2,52	/
	-5	12071	11681	10812	9943	6398	/	2,42	2,47	2,64	2,82	2,65	/
	-2	12383	11709	10905	10102	6658	/	2,52	2,58	2,76	2,95	2,78	/
	0	12694	11736	10998	10260	6918	/	2,62	2,69	2,88	3,07	2,90	/
	2	13317	11500	9415	7330	/	/	2,75	2,85	2,99	3,13	/	/
	5	14290	12703	10281	7859	/	/	3,11	3,30	3,40	3,49	/	/
	7	15649	**14100**	11299	8497	/	/	3,60	**3,60**	3,84	4,07	/	/
	10	14974	11410	9846	8281	/	/	3,67	3,97	4,06	4,15	/	/
	12	15186	11602	10004	8404	/	/	3,76	4,08	4,17	4,26	/	/
	15	15503	11891	10240	8589	/	/	3,89	4,25	4,34	4,42	/	/
	20	15121	11469	9976	8483	/	/	4,42	4,87	4,97	5,06	/	/
	25	14739	11253	9835	8416	/	/	4,95	5,46	5,57	5,67	/	/
	30	14997	11562	10119	8675	/	/	5,36	5,63	5,78	5,92	/	/
	35	15254	11990	10484	8977	/	/	5,77	6,10	6,26	6,42	/	/
	40	15751	12695	10994	9293	/	/	6,08	6,48	6,65	6,82	/	/
	43	16066	13190	11214	9238	/	/	6,27	6,73	6,91	7,08	/	/

"Tw_out	"DB/WB	Heating Capacity [W]						COP					
°C"	°C"	130%	100%	90%	70%	50%	30%	130%	100%	90%	70%	50%	30%
50	-25	/	/	/	/	/	/	/	/	/	/	/	/
	-20	5416	4771	4281	3791	/	/	1,50	1,55	1,55	1,54	/	/
	-15	7010	5755	5296	4837	/	/	1,62	1,68	1,68	1,68	/	/
	-10	9067	7625	6397	5168	/	/	1,81	1,87	1,89	1,90	/	/
	-7	11035	10863	10058	9252	5959	/	2,07	2,11	2,24	2,37	2,20	/
	-5	11173	10782	10046	9310	6145	/	2,13	2,16	2,30	2,44	2,28	/
	-2	11532	10931	10225	9518	6375	/	2,26	2,29	2,44	2,59	2,42	/
	0	11891	11080	10403	9727	6605	/	2,38	2,42	2,58	2,74	2,57	/
	2	12677	12144	11385	10627	7177	/	2,47	2,50	2,69	2,88	2,74	/
	5	13798	12500	10183	7865	/	/	2,77	2,84	2,94	3,03	/	/
	7	14971	13998	11214	8429	/	/	3,11	3,18	3,31	3,43	/	/
	10	15308	11420	10096	8772	/	/	3,31	3,46	3,56	3,65	/	/
	12	15322	11461	10255	9050	/	/	3,39	3,56	3,66	3,75	/	/
	15	15342	11522	10494	9466	/	/	3,51	3,70	3,80	3,89	/	/
	20	14992	11131	10243	9355	/	/	3,90	4,16	4,26	4,36	/	/
	25	14721	11004	10169	9333	/	/	4,30	4,58	4,69	4,80	/	/
	30	14610	11030	10201	9372	/	/	4,65	4,92	5,05	5,17	/	/
	35	14778	11379	10504	9628	/	/	5,00	5,33	5,47	5,61	/	/
	40	14953	11813	10852	9891	/	/	5,38	5,78	5,93	6,08	/	/
	43	15152	12197	11224	10250	/	/	5,54	5,99	6,15	6,30	/	/
55	-25	/	/	/	/	/	/	/	/	/	/	/	/
	-20	5139	4687	4168	3649	/	/	1,33	1,33	1,33	1,32	/	/
	-15	6463	5410	4967	4524	/	/	1,41	1,42	1,43	1,43	/	/
	-10	8717	7340	6373	5405	/	/	1,67	1,72	1,74	1,76	/	/
	-7	11268	11000	10244	9489	6252	/	2,01	2,05	2,18	2,31	2,15	/
	-5	11144	10826	10167	9509	6463	/	2,09	2,11	2,25	2,39	2,24	/
	-2	11470	10976	8829	6682	/	/	2,18	2,21	2,28	2,35	/	/
	0	11796	11126	9014	6901	/	/	2,27	2,30	2,38	2,46	/	/
	2	12621	12400	10065	7729	/	/	2,39	2,45	2,54	2,63	/	/
	5	13779	12568	10625	8681	/	/	2,66	2,75	2,83	2,91	/	/
	7	14526	**13800**	11425	9050	/	/	2,95	**2,95**	3,10	3,25	/	/
	10	14150	10641	9799	8957	/	/	3,08	3,21	3,29	3,36	/	/
	12	13688	10319	9258	/	/	/	3,14	3,29	3,39	/	/	/
	15	12994	9836	8446	/	/	/	3,24	3,41	3,55	/	/	/
	20	12732	9530	8365	/	/	/	3,52	3,74	3,89	/	/	/
	25	12469	9395	8317	/	/	/	3,80	4,04	4,21	/	/	/
	30	12795	9737	8701	/	/	/	4,37	4,56	4,80	/	/	/
	35	13007	10093	8975	/	/	/	4,69	4,93	5,19	/	/	/
	40	/	/	/	/	/	/	/	/	/	/	/	/
	43	/	/	/	/	/	/	/	/	/	/	/	/
60	-25	/	/	/	/	/	/	/	/	/	/	/	/
	-20	/	/	/	/	/	/	/	/	/	/	/	/
	-15	6012	5086	4329	/	/	/	1,19	1,18	1,19	/	/	/
	-10	6732	5729	5120	4510	/	/	1,27	1,29	1,31	1,32	/	/
	-7	8024	7407	6312	5216	/	/	1,51	1,55	1,58	1,60	/	/
	-5	8248	7572	6508	5444	/	/	1,63	1,66	1,70	1,73	/	/
	-2	8793	7878	6842	5806	/	/	1,67	1,70	1,74	1,77	/	/
	0	9337	8183	7176	6169	/	/	1,70	1,74	1,78	1,82	/	/
	2	10380	8564	7785	7005	/	/	1,86	1,92	1,98	2,04	/	/
	5	11696	9310	7953	7567	/	/	2,17	2,27	2,35	2,54	/	/
	7	13202	12344	10615	8885	/	/	2,54	2,61	2,69	2,77	/	/
	10	13200	10309	9016	/	/	/	2,69	2,78	2,91	/	/	/
	12	13015	10190	9027	/	/	/	2,75	2,85	2,98	/	/	/
	15	12737	10011	9043	/	/	/	2,84	2,96	3,09	/	/	/
	20	10985	8541	7876	/	/	/	2,92	3,07	3,19	/	/	/
	25	10156	7947	7383	/	/	/	2,99	3,14	3,27	/	/	/
	30	10342	8170	7343	/	/	/	3,04	3,17	3,33	/	/	/
	35	/	/	/	/	/	/	/	/	/	/	/	/
	40	/	/	/	/	/	/	/	/	/	/	/	/
	43	/	/	/	/	/	/	/	/	/	/	/	/
65	-25	/	/	/	/	/	/	/	/	/	/	/	/
	-20	/	/	/	/	/	/	/	/	/	/	/	/
	-15	/	/	/	/	/	/	/	/	/	/	/	/
	-10	/	/	/	/	/	/	/	/	/	/	/	/
	-7	/	/	/	/	/	/	/	/	/	/	/	/
	-5	/	/	/	/	/	/	/	/	/	/	/	/
	-2	/	/	/	/	/	/	/	/	/	/	/	/
	0	/	/	/	/	/	/	/	/	/	/	/	/
	2	/	/	/	/	/	/	/	/	/	/	/	/
	5	9762	8063	6882	/	/	/	1,83	1,93	2,00	/	/	/
	7	10385	9710	8480	7249	/	/	2,10	2,16	2,24	2,31	/	/
	10	11235	9111	7954	/	/	/	2,26	2,35	2,46	/	/	/
	12	11486	9338	8260	/	/	/	2,32	2,43	2,54	/	/	/
	15	11862	9679	8719	/	/	/	2,41	2,56	2,65	/	/	/
	20	/	/	/	/	/	/	/	/	/	/	/	/
	25	/	/	/	/	/	/	/	/	/	/	/	/
	30	/	/	/	/	/	/	/	/	/	/	/	/
	35	/	/	/	/	/	/	/	/	/	/	/	/
	40	/	/	/	/	/	/	/	/	/	/	/	/
	43	/	/	/	/	/	/	/	/	/	/	/	/

* : Performance values useful for accessing the incentives provided in Italy / Valori prestazionali utili per accedere agli incentivi previsti in Italia

TABELLE PRESTAZIONALI - MODO RISCALDAMENTO / CAPACITY TABLES - HEATING MODE

IDOLA M 3.2 Mod. 16 - 16T - Prestazioni riscaldamento / Heating capacity

"Tw_out	"DB/WB	Heating Capacity [W]						COP					
°C"	°C"	130%	100%	90%	70%	50%	30%	130%	100%	90%	70%	50%	30%
25	-25	7689	6574	5479	4383	/	/	1,91	2,03	2,06	2,08	/	/
	-20	9571	8422	6867	5312	/	/	2,38	2,56	2,58	2,60	/	/
	-15	11844	9890	8173	6455	/	/	2,71	2,93	2,97	3,00	/	/
	-10	13403	11058	10136	9215	5696	/	2,97	3,15	3,34	3,53	3,27	/
	-7	14339	13872	11748	9625	7501	5377	3,13	3,25	3,32	3,39	3,45	3,52
	-5	14553	13711	11684	9657	7630	5603	3,47	3,56	3,65	3,75	3,84	3,93
	-2	14821	13407	11510	9613	7716	5819	3,90	4,04	4,14	4,24	4,33	4,43
	0	15089	13102	11814	10526	6036	/	4,33	4,52	4,86	5,20	4,94	/
	2	15734	13246	12013	10780	6354	/	4,68	5,07	5,41	5,75	5,39	/
	5	16794	14136	12826	11516	6802	/	5,19	5,61	6,00	6,38	5,99	/
	7	17476	16963	14461	11959	6955	/	5,53	5,91	6,04	6,17	6,43	/
	10	18005	14242	12828	11414	6511	/	6,02	6,66	7,09	7,52	7,01	/
	12	18358	14439	13003	11566	6591	/	6,35	7,05	7,50	7,95	7,40	/
	15	18887	14734	13265	11795	6712	/	6,84	7,63	8,11	8,59	7,99	/
	20	17218	13265	12142	11019	6770	/	8,03	9,04	9,61	10,18	9,46	/
	25	16476	12819	11837	10854	6916	/	8,86	9,97	10,60	11,23	10,44	/
	30	15634	12507	11699	10890	7293	/	10,09	11,29	11,99	12,69	11,79	/
	35	16566	13357	12483	11609	7751	/	10,82	12,03	12,82	13,62	12,73	/
	40	16898	14110	13196	12282	8221	/	11,46	12,83	13,68	14,53	13,58	/
	43	17236	14651	13732	12812	8644	/	11,84	13,33	14,21	15,09	14,11	/
30	-25	7986	6788	5766	4744	/	/	1,93	2,06	2,09	2,11	/	/
	-20	9712	8498	7041	5584	/	/	2,19	2,37	2,39	2,40	/	/
	-15	11268	9352	7859	6366	/	/	2,45	2,66	2,69	2,72	/	/
	-10	13032	10687	9877	9067	5799	/	2,72	2,90	3,08	3,25	3,01	/
	-7	14091	13542	11397	9251	7106	4960	2,88	3,05	3,09	3,13	3,17	3,21
	-5	14253	13616	11502	9388	7274	5160	3,13	3,30	3,35	3,40	3,45	3,50
	-2	14356	13326	11342	9357	7373	5388	3,44	3,66	3,71	3,76	3,81	3,86
	0	14459	13037	11182	9327	7472	5617	3,75	4,01	4,07	4,12	4,18	4,23
	2	15096	13097	11245	9394	7542	5690	3,91	4,12	4,18	4,23	4,29	4,34
	5	16525	13656	11686	9717	7747	5777	4,06	4,28	4,37	4,46	4,55	4,64
	7	16912	16143	13525	10906	8288	5669	4,60	5,11	5,18	5,25	5,31	5,38
	10	17759	13893	12632	11370	6780	/	4,96	5,42	5,77	6,12	5,70	/
	12	18064	14162	12845	11528	6798	/	5,40	6,01	6,39	6,78	6,31	/
	15	18522	14566	13165	11765	6824	/	6,05	6,89	7,33	7,76	7,22	/
	20	16809	13164	12090	11015	6864	/	7,10	7,89	8,39	8,89	8,27	/
	25	16185	12681	11754	10827	7004	/	7,26	8,06	8,57	9,08	8,45	/
	30	15461	12230	9903	7576	/	/	8,21	9,06	9,27	9,48	/	/
	35	16351	13240	10758	8276	/	/	9,01	9,90	10,19	10,48	/	/
	40	17641	14571	11784	8997	/	/	10,06	11,13	11,46	11,79	/	/
	43	17994	15133	12290	9447	/	/	10,51	11,71	12,06	12,40	/	/
35	-25	6610	5566	4935	4303	/	/	1,65	1,73	1,75	1,76	/	/
	-20	8159	7073	5842	4610	/	/	1,71	1,82	1,84	1,85	/	/
	-15	10707	8801	7372	5942	/	/	2,17	2,32	2,35	2,38	/	/
	-10	12683	10298	9498	8698	5517	/	2,49	2,61	2,76	2,91	2,68	/
	-7	13868	13100	11073	9046	7019	4992	2,67	2,70	2,77	2,84	2,90	2,97
	-5	13983	13201	11194	9188	7181	5174	2,86	2,95	3,01	3,08	3,14	3,20
	-2	14128	13066	11133	9200	7267	5334	3,10	3,18	3,26	3,33	3,41	3,48
	0	14272	12930	11071	9213	7354	5495	3,34	3,40	3,49	3,58	3,67	3,76
	2	14716	13000	11206	9411	7617	5822	3,43	3,45	3,61	3,78	3,94	4,10
	5	16071	13460	12155	10850	6268	5966	4,04	4,35	4,64	4,92	4,60	4,44
	7 *	16791	**15900**	13533	11166	8798	6431	4,43	**4,50**	4,65	4,79	4,94	5,08
	10	17585	13482	12353	11224	6926	/	4,74	5,16	5,50	5,83	5,44	/
	12	17914	13882	12704	11525	7073	/	5,01	5,48	5,84	6,19	5,77	/
	15	18407	14483	13230	11977	7293	/	5,41	5,97	6,35	6,73	6,26	/
	20	16704	12953	11977	11001	7048	/	6,21	6,88	7,31	7,75	7,21	/
	25	16237	12728	11884	11039	7343	/	6,94	7,71	8,19	8,68	8,07	/
	30	15369	11834	10105	8376	/	/	7,68	8,47	8,59	8,70	/	/
	35	16309	12802	10927	9051	/	/	8,42	9,06	9,33	9,60	/	/
	40	17248	13885	11815	9745	/	/	9,15	9,91	10,21	10,51	/	/
	43	17593	14426	12315	10204	/	/	9,37	10,21	10,52	10,83	/	/
40	-25	5892	5044	4526	4007	/	/	1,33	1,38	1,39	1,40	/	/
	-20	7479	6589	5475	4360	/	/	1,57	1,65	1,67	1,68	/	/
	-15	10065	8414	7091	5767	/	/	1,92	2,03	2,06	2,08	/	/
	-10	12424	10262	9501	8740	5628	/	2,28	2,37	2,51	2,64	2,43	/
	-7	13839	13085	11208	9331	7454	5577	2,50	2,63	2,67	2,72	2,76	2,80
	-5	13841	13125	11273	9421	7568	5716	2,61	2,70	2,76	2,82	2,88	2,94
	-2	13843	12934	11625	10315	5821	/	2,75	2,87	3,08	3,29	3,11	/
	0	13845	12744	11506	10269	5926	/	2,88	3,03	3,25	3,47	3,28	/
	2	14476	12717	11584	10451	6285	/	3,05	3,20	3,46	3,72	3,56	/
	5	15637	13091	12008	10924	6771	/	3,43	3,66	3,92	4,19	3,95	/
	7	16354	15740	13547	11354	6967	/	3,85	3,94	4,07	4,20	4,33	/
	10	17067	13159	12245	11330	7441	/	3,96	4,36	4,64	4,92	4,59	/
	12	17542	13566	12671	11776	7845	/	4,17	4,61	4,90	5,20	4,84	/
	15	18255	14176	13311	12445	8452	/	4,48	4,98	5,30	5,61	5,22	/
	20	16393	12649	10412	8175	/	/	5,12	5,75	5,89	6,02	/	/
	25	16149	12670	10331	7992	/	/	5,81	7,22	7,02	6,82	/	/
	30	15405	12406	10657	8907	/	/	6,49	7,98	7,67	7,36	/	/
	35	16228	13219	11349	9478	/	/	6,87	7,40	7,63	7,85	/	/
	40	17351	14141	12016	9890	/	/	7,24	7,86	8,10	8,34	/	/
	43	17698	14689	12521	10353	/	/	7,41	8,10	8,35	8,59	/	/
45	-25	4963	4303	3814	3325	/	/	1,18	1,19	1,20	1,20	/	/
	-20	6546	5741	4998	4255	/	/	1,35	1,39	1,38	1,37	/	/
	-15	9029	7377	6578	5779	/	/	1,68	1,73	1,73	1,73	/	/
	-10	11053	9252	7500	5748	/	/	1,96	2,01	2,03	2,05	/	/
	-7	13128	12800	11797	10795	6827	/	2,18	2,25	2,40	2,55	2,38	/
	-5	13379	12730	11816	10902	7091	/	2,28	2,32	2,49	2,65	2,50	/
	-2	13717	12755	11914	11072	7376	/	2,46	2,52	2,70	2,88	2,71	/
	0	14056	12781	12012	11243	7661	/	2,64	2,71	2,90	3,10	2,92	/
	2	14730	12700	10408	8116	/	/	2,72	2,85	3,02	3,19	/	/
	5	15884	13142	10939	8736	/	/	3,20	3,39	3,49	3,59	/	/
	7	16615	**16000**	14881	13762	9022	/	3,53	**3,50**	3,81	4,12	3,99	/
	10	17331	13206	11395	9584	/	/	3,67	3,97	4,06	4,15	/	/
	12	17809	13607	11731	9856	/	/	3,84	4,17	4,26	4,35	/	/
	15	18525	14209	12236	10263	/	/	4,09	4,46	4,55	4,64	/	/
	20	16109	12219	10628	9037	/	/	4,28	4,71	4,80	4,89	/	/
	25	15728	12008	10494	8980	/	/	4,87	5,36	5,47	5,57	/	/
	30	15046	11832	10355	8878	/	/	5,46	5,74	5,89	6,03	/	/
	35	15877	12479	10911	9343	/	/	5,68	6,02	6,18	6,33	/	/
	40	16407	13224	11452	9680	/	/	5,91	6,30	6,46	6,62	/	/
	43	16735	13740	11974	10208	/	/	6,20	6,66	6,83	7,00	/	/

"Tw_out	"DB/WB	Heating Capacity [W]						COP					
°C"	°C"	130%	100%	90%	70%	50%	30%	130%	100%	90%	70%	50%	30%
50	-25	/	/	/	/	/	/	/	/	/	/	/	/
	-20	5850	5154	4625	4095	/	/	1,29	1,33	1,33	1,32	/	/
	-15	7532	6184	5691	5197	/	/	1,42	1,47	1,47	1,47	/	/
	-10	9486	7978	6693	5407	/	/	1,70	1,75	1,77	1,79	/	/
	-7	12859	12379	11503	10628	6944	/	2,07	2,12	2,25	2,37	2,19	/
	-5	12947	12408	11574	10741	7121	/	2,22	2,25	2,40	2,54	2,37	/
	-2	13183	12642	11819	10996	7351	/	2,37	2,42	2,58	2,74	2,56	/
	0	13418	12877	12064	11252	7581	/	2,51	2,59	2,76	2,94	2,75	/
	2	14083	13021	10541	8060	/	/	2,61	2,67	2,78	2,89	/	/
	5	15264	13216	10959	8701	/	/	3,02	3,11	3,18	3,24	/	/
	7	16203	15966	14851	13737	9010	/	3,17	3,24	3,47	3,70	3,49	/
	10	16686	12448	11005	9561	/	/	3,26	3,41	3,50	3,59	/	/
	12	17142	12824	11480	10136	/	/	3,44	3,61	3,71	3,80	/	/
	15	17825	13387	12193	10998	/	/	3,72	3,92	4,02	4,12	/	/
	20	14616	10852	9986	9120	/	/	3,60	3,84	3,94	4,03	/	/
	25	14515	10850	10027	9203	/	/	4,20	4,47	4,58	4,69	/	/
	30	14314	10883	10065	9247	/	/	4,79	5,07	5,20	5,33	/	/
	35	14995	11546	10658	9769	/	/	5,01	5,34	5,48	5,61	/	/
	40	15576	12305	11305	10304	/	/	5,22	5,61	5,76	5,90	/	/
	43	15888	12789	11769	10748	/	/	5,41	5,85	6,00	6,15	/	/
55	-25	/	/	/	/	/	/	/	/	/	/	/	/
	-20	5365	4893	4351	3809	/	/	1,13	1,13	1,13	1,13	/	/
	-15	6823	5711	5244	4776	/	/	1,29	1,30	1,30	1,30	/	/
	-10	8922	7513	6523	5532	/	/	1,51	1,55	1,57	1,58	/	/
	-7	12482	12500	11644	10788	7115	/	2,03	2,00	2,15	2,29	2,17	/
	-5	12599	9979	8644	7308	/	/	2,13	2,22	2,25	2,28	/	/
	-2	12721	9875	8645	7415	/	/	2,20	2,30	2,34	2,37	/	/
	0	12843	9771	8647	7523	/	/	2,27	2,39	2,43	2,46	/	/
	2	13654	13300	10768	8235	/	/	2,38	2,40	2,54	2,67	/	/
	5	14466	13502	11308	9113	/	/	2,77	2,85	2,95	3,04	/	/
	7	16195	**16000**	12983	9965	/	/	2,89	**2,85**	3,02	3,19	/	/
	10	16045	12066	11112	10157	/	/	3,11	3,25	3,33	3,40	/	/
	12	16612	12527	11207	10157	/	/	3,23	3,39	3,50	3,40	/	/
	15	17462	13219	11350	/	/	/	3,42	3,61	3,75	/	/	/
	20	14952	11192	9823	/	/	/	3,46	3,68	3,83	/	/	/
	25	14057	10592	9376	/	/	/	3,82	4,07	4,23	/	/	/
	30	13562	10016	8950	/	/	/	4,18	4,37	4,59	/	/	/
	35	13372	10377	9227	/	/	/	4,35	4,57	4,81	/	/	/
	40	/	/	/	/	/	/	/	/	/	/	/	/
	43	/	/	/	/	/	/	/	/	/	/	/	/
60	-25	/	/	/	/	/	/	/	/	/	/	/	/
	-20	/	/	/	/	/	/	/	/	/	/	/	/
	-15	6423	5434	4625	/	/	/	1,15	1,14	1,15	/	/	/
	-10	7036	5988	5351	4714	/	/	1,26	1,28	1,29	1,30	/	/
	-7	8249	7690	6526	5362	/	/	1,33	1,37	1,39	1,41	/	/
	-5	8624	7881	6787	5692	/	/	1,45	1,48	1,51	1,53	/	/
	-2	9092	8068	7037	6005	/	/	1,58	1,62	1,66	1,69	/	/
	0	9559	8256	7287	6317	/	/	1,72	1,76	1,80	1,84	/	/
	2	11025	8922	8165	7407	/	/	1,89	2,01	2,09	2,16	/	/
	5	12715	10121	8646	/	/	/	2,37	2,47	2,57	/	/	/
	7	14057	13191	11326	9460	/	/	2,63	2,72	2,80	2,87	/	/
	10	14315	11180	9777	/	/	/	2,79	2,88	3,02	/	/	/
	12	14487	11344	10054	/	/	/	2,90	3,00	3,14	/	/	/
	15	14745	11590	10469	/	/	/	3,06	3,19	3,32	/	/	/
	20	13139	10216	9421	/	/	/	3,00	3,15	3,28	/	/	/
	25	12730	9726	9037	/	/	/	3,07	3,23	3,36	/	/	/
	30	12342	10065	9045	/	/	/	3,10	3,23	3,40	/	/	/
	35	/	/	/	/	/	/	/	/	/	/	/	/
	40	/	/	/	/	/	/	/	/	/	/	/	/
	43	/	/	/	/	/	/	/	/	/	/	/	/
65	-25	/	/	/	/	/	/	/	/	/	/	/	/
	-20	/	/	/	/	/	/	/	/	/	/	/	/
	-15	/	/	/	/	/	/	/	/	/	/	/	/
	-10	/	/	/	/	/	/	/	/	/	/	/	/
	-7	/	/	/	/	/	/	/	/	/	/	/	/
	-5	/	/	/	/	/	/	/	/	/	/	/	/
	-2	/	/	/	/	/	/	/	/	/	/	/	/
	0	/	/	/	/	/	/	/	/	/	/	/	/
	2	/	/	/	/	/	/	/	/	/	/	/	/
	5	10706	8843	7548	/	/	/	2,04	2,08	2,15	/	/	/
	7	11277	10236	9054	7871	/	/	2,20	2,23	2,27	2,31	/	/
	10	12229	9918	8658	/	/	/	2,46	2,52	2,56	/	/	/
	12	12327	10022	8862	/	/	/	2,52	2,58	2,62	/	/	/
	15	12474	10179	9168	/	/	/	2,60	2,67	2,72	/	/	/
	20	/	/	/	/	/	/	/	/	/	/	/	/
	25	/	/	/	/	/	/	/	/	/	/	/	/
	30	/	/	/	/	/	/	/	/	/	/	/	/
	35	/	/	/	/	/	/	/	/	/	/	/	/
	40	/	/	/	/	/	/	/	/	/	/	/	/
	43	/	/	/	/	/	/	/	/	/	/	/	/

* : Performance values useful for accessing the incentives provided in Italy / Valori prestazionali utili per accedere agli incentivi previsti in Italia

TABELLE PRESTAZIONALI - MODO RAFFREDDAMENTO / CAPACITY TABLES - COOLING MODE

IDOLA M 3.2 Mod. 4 - Prestazioni raffreddamento / Cooling capacity

"Tw_out	"DB/WB	Cooling Capacity [W]						EER					
°C"	°C"	130%	100%	90%	70%	50%	30%	130%	100%	90%	70%	50%	30%
	-5	/	/	/	/	/	/	/	/	/	/	/	/
	0	/	/	/	/	/	/	/	/	/	/	/	/
	5	/	/	/	/	/	/	/	/	/	/	/	/
	10	/	/	/	/	/	/	/	/	/	/	/	/
	15	/	/	/	/	/	/	/	/	/	/	/	/
5	20	4715	3676	3360	3044	1858	/	4,53	4,76	5,05	5,34	4,95	/
	25	5872	4651	4218	3785	2231	/	4,51	4,78	5,05	5,32	4,89	/
	30	5836	4693	4250	3807	2229	/	3,78	4,02	4,24	4,47	4,10	/
	35	5799	4506	4057	3607	2053	/	3,24	3,32	3,54	3,75	3,50	/
	40	3803	3105	2792	2479	1402	/	2,52	2,70	2,83	2,96	2,69	/
	43	2582	2120	1772	1423	1075	726	2,24	2,33	2,34	2,36	2,37	2,38
	-5	/	/	/	/	/	/	/	/	/	/	/	/
	0	/	/	/	/	/	/	/	/	/	/	/	/
	5	/	/	/	/	/	/	/	/	/	/	/	/
	10	/	/	/	/	/	/	/	/	/	/	/	/
	15	/	/	/	/	/	/	/	/	/	/	/	/
7	20	5265	4096	3706	3316	1933	/	4,73	4,95	5,27	5,58	5,20	/
	25	6304	4978	4291	3605	2231	/	4,65	4,88	4,92	4,95	5,02	/
	30	6206	4974	4283	3592	2210	/	3,99	4,20	4,24	4,28	4,35	/
	35	6107	**4700**	4254	3807	2222	/	3,32	**3,45**	3,72	3,99	3,80	/
	40	4363	3552	3208	2864	1655	/	2,64	2,81	2,96	3,12	2,86	/
	43	3134	2451	2100	1748	1045	/	2,35	2,41	2,43	2,45	2,49	/
	-5	/	/	/	/	/	/	/	/	/	/	/	/
	0	/	/	/	/	/	/	/	/	/	/	/	/
	5	/	/	/	/	/	/	/	/	/	/	/	/
	10	/	/	/	/	/	/	/	/	/	/	/	/
	15	5049	3787	3055	2323	/	/	5,91	6,25	6,45	6,64	/	/
10	20	6009	4858	4175	3493	2810	2127	4,47	4,80	4,85	4,90	4,95	5,00
	25	6968	5721	4883	4045	3207	2369	3,80	4,09	4,14	4,19	4,24	4,29
	30	6803	5669	4834	3998	3163	2327	3,67	3,92	3,97	4,02	4,06	4,11
	35	6638	5450	4919	4388	2529	/	3,55	3,82	4,06	4,30	4,00	/
	40	5082	4296	3882	3469	2011	/	2,81	3,03	3,21	3,38	3,12	/
	43	3800	2987	2708	2429	1429	/	2,51	2,59	2,74	2,90	2,68	/
	-5	4759	3832	3156	2479	/	/	10,30	11,74	12,17	12,60	/	/
	0	4538	3660	3018	2375	/	/	8,03	9,35	9,64	9,92	/	/
	5	4038	3235	2986	2736	1740	/	6,07	6,68	7,20	7,72	7,35	/
	10	6063	4872	4519	4165	2701	/	5,71	6,29	6,80	7,30	6,99	/
	15	8088	6794	6266	5739	3640	/	5,55	5,89	6,29	6,70	6,29	/
15	20	8159	6801	6200	5598	3378	/	5,47	5,88	6,27	6,66	6,23	/
	25	8230	6963	6302	5640	3292	/	5,39	5,74	6,11	6,48	6,04	/
	30	7771	6669	6028	5386	3124	/	4,72	5,06	5,38	5,70	5,30	/
	35	7311	6024	5497	4970	3012	/	4,28	4,63	4,94	5,25	4,91	/
	40	5914	5147	4683	4219	2523	/	3,41	3,68	3,90	4,13	3,82	/
	43	5075	4040	3712	3383	2111	/	3,26	3,43	3,64	3,85	3,57	/
	-5	5185	4182	3437	2691	/	/	10,32	11,97	12,28	12,59	/	/
	0	4961	4008	3297	2586	/	/	8,19	9,70	9,90	10,09	/	/
	5	4454	3557	3283	3009	1914	/	6,30	7,07	7,57	8,08	7,62	/
	10	6341	5079	4710	4342	2815	/	6,15	6,91	7,42	7,93	7,51	/
	15	8130	6911	6340	5768	3577	/	6,10	6,56	7,04	7,51	7,10	/
18	20	8278	7013	6447	5880	3678	/	6,05	6,50	6,92	7,33	6,83	/
	25	8410	7274	6635	5996	3628	/	6,00	6,45	6,85	7,25	6,74	/
	30	8094	7032	6406	5779	3476	/	5,27	5,63	5,98	6,34	5,89	/
	35 *	7649	**4500**	3928	3355	/	/	4,73	**5,50**	5,59	5,62	/	/
	40	6358	5602	5130	4659	2868	/	3,75	4,07	4,31	4,54	4,19	/
	43	5556	4584	4199	3815	2352	/	3,56	3,79	4,01	4,23	3,90	/
	-5	5468	4450	3661	2871	/	/	10,01	11,92	12,15	12,38	/	/
	0	5247	4277	3522	2767	/	/	8,08	9,81	9,95	10,09	/	/
	5	4747	3809	3520	3231	2065	/	6,34	7,29	7,78	8,28	7,76	/
	10	6443	5185	4815	4445	2896	/	6,40	7,37	7,89	8,40	7,91	/
	15	8139	7000	6388	5775	3500	/	6,44	7,06	7,62	8,17	7,80	/
20	20	8331	7170	6643	6115	3949	/	6,42	6,94	7,39	7,84	7,32	/
	25	8523	7441	6845	6249	3921	/	6,40	6,98	7,43	7,87	7,33	/
	30	8195	7255	6664	6073	3786	/	5,63	6,05	6,44	6,84	6,38	/
	35	7866	6867	6328	5789	3658	/	5,06	5,48	5,88	6,27	5,92	/
	40	6627	5947	5483	5019	3179	/	3,95	4,34	4,60	4,86	4,50	/
	43	5884	5037	4609	4181	2565	/	3,74	4,04	4,28	4,52	4,17	/
	-5	6094	4951	4082	3212	/	/	12,66	14,10	14,97	15,83	/	/
	0	5873	4779	3944	3109	/	/	10,70	13,31	13,36	13,40	/	/
	5	5373	4360	4025	3689	2348	/	8,28	9,77	10,37	10,97	10,17	/
	10	7113	5789	5370	4951	3212	/	8,37	9,89	10,52	11,15	10,39	/
	15	8853	7437	6932	6427	4249	/	8,43	9,29	10,04	10,79	10,32	/
25	20	8984	7821	7282	6742	4438	/	8,15	8,98	9,57	10,16	9,50	/
	25	9115	8049	7441	6833	4375	/	7,90	8,85	9,41	9,97	9,28	/
	30	8773	7854	7250	6645	4228	/	6,75	7,44	7,89	8,34	7,72	/
	35	8430	7688	7122	6556	4232	/	5,84	6,39	6,83	7,28	6,84	/
	40	7878	7147	6658	6169	4070	/	4,80	5,41	5,71	6,01	5,51	/
	43	7546	5969	4886	3803	/	/	4,73	5,18	5,28	5,38	/	/

IDOLA M 3.2 Mod. 6 - Prestazioni raffreddamento / Cooling capacity

"Tw_out	"DB/WB	Cooling Capacity [W]						EER					
°C"	°C"	130%	100%	90%	70%	50%	30%	130%	100%	90%	70%	50%	30%
	-5	/	/	/	/	/	/	/	/	/	/	/	/
	0	/	/	/	/	/	/	/	/	/	/	/	/
	5	/	/	/	/	/	/	/	/	/	/	/	/
	10	/	/	/	/	/	/	/	/	/	/	/	/
	15	/	/	/	/	/	/	/	/	/	/	/	/
5	20	5411	4218	3855	3493	2132	/	3,93	4,14	4,39	4,64	4,30	/
	25	7164	5674	5146	4618	2722	/	3,98	4,21	4,45	4,69	4,31	/
	30	6502	5229	4736	4242	2484	/	3,51	3,74	3,95	4,15	3,81	/
	35	6039	4737	4070	3402	2735	2067	3,06	3,22	3,24	3,27	3,29	3,31
	40	3803	3105	2792	2479	1402	988	2,52	2,70	2,83	2,96	2,69	2,55
	43	2582	2120	1772	1423	1075	726	2,24	2,33	2,34	2,36	2,37	2,38
	-5	/	/	/	/	/	/	/	/	/	/	/	/
	0	/	/	/	/	/	/	/	/	/	/	/	/
	5	/	/	/	/	/	/	/	/	/	/	/	/
	10	/	/	/	/	/	/	/	/	/	/	/	/
	15	/	/	/	/	/	/	/	/	/	/	/	/
7	20	6103	4836	4366	3896	2248	/	4,27	4,54	4,82	5,09	4,72	/
	25	7265	5919	5063	4206	3350	2493	4,07	4,34	4,38	4,42	4,46	4,50
	30	7145	5822	4989	4156	3322	2489	3,67	3,91	3,95	3,98	4,02	4,05
	35	7108	**6500**	5860	4719	3579	2438	2,97	**3,00**	3,16	3,33	3,49	3,65
	40	4505	3737	3371	3005	1727	1344	2,66	2,86	3,01	3,17	2,90	3,20
	43	3236	2579	2207	1835	1462	1090	2,37	2,46	2,48	2,49	2,51	2,52
	-5	/	/	/	/	/	/	/	/	/	/	/	/
	0	/	/	/	/	/	/	/	/	/	/	/	/
	5	/	/	/	/	/	/	/	/	/	/	/	/
	10	/	/	/	/	/	/	/	/	/	/	/	/
	15	5887	4415	3562	2708	/	/	5,33	5,65	5,82	5,99	/	/
10	20	6626	5358	4605	3852	3099	2346	4,62	4,96	5,01	5,07	5,12	5,17
	25	7365	6047	5161	4276	3390	2504	4,17	4,49	4,55	4,61	4,66	4,72
	30	7292	6076	5181	4285	3390	2494	3,84	4,10	4,15	4,20	4,25	4,30
	35	7219	5927	5350	4772	2750	/	3,55	3,83	4,07	4,31	4,00	/
	40	5082	4296	3882	3469	2011	/	2,81	3,03	3,21	3,38	3,12	/
	43	3800	2987	2708	2429	1429	/	2,51	2,59	2,74	2,90	2,68	/
	-5	5269	4243	3494	2745	/	/	8,93	10,18	10,55	10,92	/	/
	0	5048	4072	3357	2642	/	/	7,28	8,48	8,74	9,00	/	/
	5	4548	3643	3362	3082	1960	/	5,74	6,31	6,80	7,29	6,95	/
	10	6318	5077	4709	4341	2815	/	5,61	6,18	6,68	7,18	6,87	/
	15	8088	6794	6266	5739	3640	/	5,55	5,89	6,29	6,70	6,29	/
15	20	8159	6801	6200	5598	3378	/	5,47	5,88	6,27	6,66	6,23	/
	25	8230	6963	6302	5640	3292	/	5,39	5,74	6,11	6,48	6,04	/
	30	7771	6669	6028	5386	3124	/	4,72	5,06	5,38	5,70	5,30	/
	35	7311	6024	5497	4970	3012	/	4,35	4,67	4,99	5,31	4,99	/
	40	5914	5147	4683	4219	2523	/	3,41	3,68	3,90	4,13	3,82	/
	43	5075	4040	3712	3383	2111	/	3,26	3,43	3,64	3,85	3,57	/
	-5	5905	4764	3915	3065	/	/	10,42	12,12	12,41	12,69	/	/
	0	5681	4591	3777	2962	/	/	8,49	10,08	10,26	10,44	/	/
	5	5174	4132	3814	3496	2224	/	6,73	7,56	8,09	8,62	8,12	/
	10	6701	5367	4978	4588	2975	/	6,33	7,12	7,64	8,16	7,72	/
	15	8130	6911	6340	5768	3577	/	6,10	6,56	7,04	7,51	7,10	/
18	20	8278	7013	6447	5880	3678	/	6,05	6,50	6,92	7,33	6,83	/
	25	8410	7274	6635	5996	3628	/	6,00	6,45	6,85	7,25	6,74	/
	30	8094	7032	6406	5779	3476	/	5,27	5,63	5,98	6,34	5,89	/
	35	7649	**6500**	5999	5448	3355	/	4,73	**4,80**	5,34	5,79	5,62	/
	40	6358	5602	5130	4659	2868	/	3,75	4,07	4,31	4,54	4,19	/
	43	5556	4584	4199	3815	2352	/	3,56	3,79	4,01	4,23	3,90	/
	-5	6378	5190	4269	3348	/	/	11,53	13,72	13,99	14,26	/	/
	0	6157	5019	4133	3247	/	/	9,39	11,39	11,56	11,72	/	/
	5	5657	4539	4195	3850	2461	/	7,48	8,61	9,19	9,77	9,16	/
	10	6898	5551	5155	4759	3101	/	6,83	7,86	8,41	8,97	8,44	/
	15	8139	7000	6388	5775	3500	/	6,44	7,06	7,62	8,17	7,80	/
20	20	8331	7170	6643	6115	3949	/	6,42	6,94	7,39	7,84	7,32	/
	25	8523	7441	6845	6249	3921	/	6,40	6,98	7,43	7,87	7,33	/
	30	8195	7255	6664	6073	3786	/	5,63	6,05	6,44	6,84	6,38	/
	35	7866	6867	6328	5789	3658	/	4,98	5,36	5,75	6,14	5,81	/
	40	6627	5947	5483	5019	3179	/	3,95	4,34	4,60	4,86	4,50	/
	43	5884	5037	4609	4181	2565	/	3,74	4,04	4,28	4,52	4,17	/
	-5	6768	5498	4533	3567	/	/	10,62	12,96	13,07	13,17	/	/
	0	6547	5328	4397	3465	/	/	8,85	11,01	11,05	11,08	/	/
	5	6047	4907	4530	4153	2643	/	7,20	8,49	9,01	9,53	8,84	/
	10	7450	6063	5624	5185	3364	/	7,88	9,31	9,90	10,50	9,78	/
	15	8853	7437	6932	6427	4249	/	8,43	9,29	10,04	10,79	10,32	/
25	20	8984	7821	7282	6742	4438	/	8,15	8,98	9,57	10,16	9,50	/
	25	9115	8049	7441	6833	4375	/	7,90	8,85	9,41	9,97	9,28	/
	30	8773	7854	7250	6645	4228	/	6,75	7,44	7,89	8,34	7,72	/
	35	8430	7688	7122	6556	4232	/	5,84	6,39	6,83	7,28	6,84	/
	40	7878	7147	6658	6169	4070	/	4,80	5,41	5,71	6,01	5,51	/
	43	7546	5969	4886	3803	/	/	4,73	5,18	5,28	5,38	/	/

* : Performance values useful for accessing the incentives provided in Italy / Valori prestazionali utili per accedere agli incentivi previsti in Italia

TABELLE PRESTAZIONALI - MODO RAFFREDDAMENTO / CAPACITY TABLES - COOLING MODE

IDOLA M 3.2 Mod. 8 - Prestazioni raffreddamento / Cooling capacity

"Tw_out	"DB/WB	Cooling Capacity [W]						EER					
°C"	°C"	130%	100%	90%	70%	50%	30%	130%	100%	90%	70%	50%	30%
	-5	/	/	/	/	/	/	/	/	/	/	/	/
	0	/	/	/	/	/	/	/	/	/	/	/	/
	5	/	/	/	/	/	/	/	/	/	/	/	/
	10	/	/	/	/	/	/	/	/	/	/	/	/
	15	/	/	/	/	/	/	/	/	/	/	/	/
5	20	5683	4430	4049	3668	2239	/	4,96	5,21	5,53	5,85	5,42	/
	25	6474	5128	4651	4173	2460	/	4,36	4,61	4,87	5,14	4,73	/
	30	7266	5844	5292	4740	2775	/	3,85	4,10	4,33	4,56	4,19	/
	35	7395	5746	5173	4600	2618	/	3,22	3,45	3,65	3,84	3,54	/
	40	6609	5395	4851	4308	2437	/	2,62	2,81	2,95	3,09	2,80	/
	43	5092	4181	3494	2806	2119	1431	2,23	2,32	2,33	2,35	2,36	2,37
	-5	/	/	/	/	/	/	/	/	/	/	/	/
	0	/	/	/	/	/	/	/	/	/	/	/	/
	5	/	/	/	/	/	/	/	/	/	/	/	/
	10	/	/	/	/	/	/	/	/	/	/	/	/
	15	/	/	/	/	/	/	/	/	/	/	/	/
7	20	6462	5121	4623	4125	2379	/	5,18	5,52	5,85	6,19	5,73	/
	25	7245	5830	5015	4200	3384	2569	4,56	4,87	4,92	4,96	5,01	5,05
	30	8029	6557	5634	4711	3788	2865	4,03	4,31	4,35	4,38	4,42	4,45
	35	8195	**7450**	6298	5196	4093	2991	3,21	**3,35**	3,51	3,64	3,76	3,89
	40	7113	5892	5308	4724	2697	1877	2,86	3,08	3,25	3,41	3,12	2,89
	43	5443	4351	3709	3068	2426	1784	2,39	2,49	2,51	2,52	2,54	2,55
	-5	/	/	/	/	/	/	/	/	/	/	/	/
	0	/	/	/	/	/	/	/	/	/	/	/	/
	5	/	/	/	/	/	/	/	/	/	/	/	/
	10	/	/	/	/	/	/	/	/	/	/	/	/
	15	5972	4479	3613	2747	/	/	6,84	7,24	7,47	7,69	/	/
10	20	7063	5711	4908	4106	3303	2500	5,46	5,86	5,93	5,99	6,06	6,12
	25	7817	6417	5477	4538	3598	2658	4,81	5,17	5,24	5,30	5,37	5,43
	30	8570	7141	6089	5036	3984	2931	4,25	4,54	4,60	4,65	4,71	4,76
	35	8769	7199	6498	5797	3341	/	3,80	4,09	4,35	4,60	4,28	/
	40	7421	6273	5669	5065	2936	/	3,14	3,38	3,58	3,77	3,48	/
	43	5643	4436	4021	3607	2122	/	2,58	2,67	2,83	2,99	2,76	/
	-5	6387	5143	4236	3328	/	/	10,07	11,38	11,62	11,86	/	/
	0	6173	4979	4105	3230	/	/	8,69	9,94	10,16	10,38	/	/
	5	5959	4774	4406	4038	2568	/	7,30	7,96	8,52	9,08	8,55	/
	10	6288	5053	4686	4320	2801	/	8,54	9,32	10,00	10,69	10,11	/
	15	7334	6161	5682	5204	3300	/	7,38	7,83	8,37	8,91	8,37	/
15	20	8380	6986	6368	5750	3469	/	6,22	6,69	7,13	7,58	7,09	/
	25	9263	7836	7092	6348	3705	/	5,52	5,87	6,25	6,63	6,18	/
	30	10145	8707	7869	7032	4078	/	4,93	5,28	5,61	5,95	5,53	/
	35	10214	8416	7680	6943	4208	/	4,43	4,77	5,10	5,44	5,12	/
	40	8883	7730	7033	6336	3790	/	3,51	3,79	4,02	4,25	3,93	/
	43	6732	5359	4924	4488	2801	/	3,16	3,32	3,52	3,73	3,46	/
	-5	7402	5972	4908	3843	/	/	10,51	12,01	12,22	12,42	/	/
	0	6808	5501	4525	3549	/	/	9,28	10,69	10,91	11,13	/	/
	5	6214	4963	4581	4198	2670	/	8,04	8,88	9,48	10,09	9,46	/
	10	7199	5767	5349	4931	3198	/	9,05	10,00	10,71	11,41	10,75	/
	15	8336	7067	6475	5883	3630	/	7,71	8,32	8,93	9,54	9,03	/
18	20	9473	8006	7360	6714	4202	/	6,36	6,86	7,31	7,76	7,24	/
	25	10401	8918	8140	7362	4467	/	5,75	6,20	6,60	6,99	6,51	/
	30	11329	9852	8979	8106	4886	/	5,26	5,65	6,01	6,37	5,93	/
	35 *	11131	**8300**	7847	7295	4863	/	4,69	**5,05**	5,41	5,76	5,43	/
	40	9692	8541	7823	7104	4376	/	3,81	4,15	4,40	4,65	4,30	/
	43	7546	6230	5707	5184	3196	/	3,48	3,71	3,93	4,15	3,84	/
	-5	8213	6683	5498	4312	/	/	10,82	12,50	12,70	12,89	/	/
	0	7256	5914	4870	3826	/	/	9,76	11,31	11,55	11,79	/	/
	5	6298	5053	4670	4286	2740	/	8,69	9,69	10,34	10,99	10,29	/
	10	7911	6367	5912	5458	3556	/	9,45	10,55	11,29	12,02	11,31	/
	15	9108	7833	7147	6462	3916	/	7,94	8,70	9,39	10,08	9,62	/
20	20	10305	8868	8216	7564	4885	/	6,43	6,95	7,40	7,85	7,33	/
	25	11253	9823	9036	8249	5176	/	5,92	6,46	6,87	7,28	6,78	/
	30	12200	10801	9921	9040	5636	/	5,54	5,94	6,33	6,72	6,28	/
	35	11740	10249	9444	8639	5459	/	4,89	5,26	5,64	6,03	5,70	/
	40	10234	9183	8467	7751	4909	/	4,07	4,47	4,74	5,01	4,64	/
	43	8151	6977	6385	5792	3554	/	3,75	4,06	4,30	4,53	4,18	/
	-5	8735	7096	5850	4603	/	/	12,31	14,03	14,37	14,71	/	/
	0	7756	6312	5209	4105	/	/	11,05	12,86	13,10	13,34	/	/
	5	6777	5499	5076	4654	2962	/	9,78	10,76	11,52	12,28	11,57	/
	10	8300	6755	6266	5776	3747	/	10,53	11,60	12,45	13,30	12,59	/
	15	9726	8169	7615	7060	4668	/	8,67	9,55	10,32	11,09	10,61	/
25	20	11151	9708	9039	8369	5509	/	6,81	7,50	7,99	8,49	7,93	/
	25	12757	11264	10413	9563	6123	/	6,33	7,09	7,54	7,99	7,44	/
	30	14363	12859	11870	10880	6923	/	6,00	6,61	7,01	7,41	6,86	/
	35	13586	12390	11478	10566	6820	/	5,42	5,94	6,35	6,77	6,36	/
	40	12275	11137	10375	9613	6342	/	4,34	4,89	5,16	5,42	4,97	/
	43	10042	7943	6502	5061	/	/	4,03	4,41	4,50	4,58	/	/

IDOLA M 3.2 Mod. 10 - Prestazioni raffreddamento / Cooling capacity

"Tw_out	"DB/WB	Cooling Capacity [W]						EER					
°C"	°C"	130%	100%	90%	70%	50%	30%	130%	100%	90%	70%	50%	30%
	-5	/	/	/	/	/	/	/	/	/	/	/	/
	0	/	/	/	/	/	/	/	/	/	/	/	/
	5	/	/	/	/	/	/	/	/	/	/	/	/
	10	/	/	/	/	/	/	/	/	/	/	/	/
	15	/	/	/	/	/	/	/	/	/	/	/	/
5	20	6198	4832	4416	4001	2442	/	4,86	5,11	5,42	5,73	5,31	/
	25	7130	5647	5121	4596	2709	/	4,24	4,49	4,74	5,00	4,60	/
	30	8062	6484	5872	5260	3080	/	3,71	3,95	4,17	4,39	4,03	/
	35	8126	6314	5685	5055	2877	/	3,12	3,28	3,47	3,66	3,37	/
	40	6609	5395	4851	4308	2437	/	2,62	2,81	2,95	3,09	2,80	/
	43	5092	4181	3494	2806	2119	1431	2,23	2,32	2,33	2,35	2,36	2,37
	-5	/	/	/	/	/	/	/	/	/	/	/	/
	0	/	/	/	/	/	/	/	/	/	/	/	/
	5	/	/	/	/	/	/	/	/	/	/	/	/
	10	/	/	/	/	/	/	/	/	/	/	/	/
	15	/	/	/	/	/	/	/	/	/	/	/	/
7	20	6722	5356	4840	4323	2504	/	4,98	5,31	5,63	5,96	5,52	/
	25	7728	6253	5383	4512	3642	2771	4,37	4,68	4,72	4,77	4,81	4,85
	30	8633	7174	6168	5162	4155	3149	3,86	4,12	4,16	4,19	4,23	4,26
	35	8529	**8200**	6965	5729	4494	3258	3,21	**3,25**	3,42	3,53	3,65	3,76
	40	7043	5869	5290	4711	2697	2388	2,86	3,08	3,25	3,41	3,12	2,98
	43	5389	4334	3697	3059	2422	1784	2,39	2,49	2,51	2,52	2,54	2,55
	-5	/	/	/	/	/	/	/	/	/	/	/	/
	0	/	/	/	/	/	/	/	/	/	/	/	/
	5	/	/	/	/	/	/	/	/	/	/	/	/
	10	/	/	/	/	/	/	/	/	/	/	/	/
	15	6302	4727	3813	2899	/	/	5,89	6,24	6,43	6,62	/	/
10	20	7193	5816	4999	4181	3364	2546	5,17	5,55	5,61	5,67	5,73	5,79
	25	8264	6785	5791	4798	3804	2810	4,56	4,91	4,97	5,03	5,09	5,15
	30	9335	7779	6633	5486	4340	3193	4,05	4,32	4,37	4,43	4,48	4,53
	35	9482	7785	7027	6269	3613	/	3,72	4,01	4,26	4,51	4,19	/
	40	7421	6273	5669	5065	2936	/	3,14	3,38	3,58	3,77	3,48	/
	43	5643	4436	4021	3607	2122	/	2,58	2,67	2,83	2,99	2,76	/
	-5	6834	5503	4532	3561	/	/	9,92	11,21	11,45	11,68	/	/
	0	6605	5328	4392	3456	/	/	8,56	9,79	10,01	10,23	/	/
	5	6376	5108	4714	4321	2748	/	7,19	7,84	8,39	8,94	8,42	/
	10	6545	5259	4878	4496	2916	/	8,73	9,53	10,23	10,92	10,33	/
	15	7607	6389	5893	5397	3423	/	7,35	7,80	8,34	8,87	8,33	/
15	20	8668	7226	6587	5948	3589	/	5,97	6,42	6,85	7,28	6,81	/
	25	9872	8352	7559	6766	3949	/	5,24	5,58	5,94	6,30	5,88	/
	30	11076	9507	8593	7678	4453	/	4,62	4,95	5,26	5,58	5,19	/
	35	11033	9091	8296	7500	4546	/	4,21	4,53	4,85	5,16	4,86	/
	40	8883	7730	7033	6336	3790	/	3,51	3,79	4,02	4,25	3,93	/
	43	6732	5359	4924	4488	2801	/	3,16	3,32	3,52	3,73	3,46	/
	-5	7936	6403	5258	4112	/	/	10,35	11,83	12,04	12,24	/	/
	0	7299	5898	4848	3798	/	/	9,14	10,53	10,75	10,96	/	/
	5	6662	5320	4909	4497	2857	/	7,92	8,74	9,34	9,93	9,32	/
	10	7476	5989	5553	5117	3314	/	9,51	10,51	11,25	12,00	11,30	/
	15	8680	7358	6740	6122	3772	/	7,91	8,54	9,17	9,80	9,28	/
18	20	9884	8354	7678	7002	4377	/	6,31	6,80	7,24	7,69	7,18	/
	25	11110	9526	8692	7858	4762	/	5,55	5,99	6,37	6,75	6,28	/
	30	12335	10726	9773	8819	5309	/	4,91	5,26	5,60	5,93	5,53	/
	35	12055	**9900**	9195	8391	5256	/	4,49	**4,55**	5,15	5,51	5,21	/
	40	9711	8558	7836	7114	4376	/	3,81	4,15	4,40	4,65	4,30	/
	43	7561	6242	5716	5191	3196	/	3,48	3,71	3,93	4,15	3,84	/
	-5	8788	7151	5883	4614	/	/	10,66	12,31	12,50	12,69	/	/
	0	7763	6328	5211	4094	/	/	9,61	11,14	11,38	11,61	/	/
	5	6739	5407	4996	4586	2931	/	8,56	9,54	10,18	10,82	10,13	/
	10	8171	6576	6106	5637	3673	/	10,18	11,37	12,16	12,95	12,18	/
	15	9480	8153	7439	6726	4076	/	8,38	9,18	9,90	10,63	10,14	/
20	20	10789	9285	8602	7919	5114	/	6,57	7,10	7,56	8,02	7,49	/
	25	11998	10474	9635	8796	5519	/	5,79	6,32	6,72	7,13	6,64	/
	30	13206	11691	10738	9786	6101	/	5,14	5,51	5,87	6,23	5,82	/
	35	12697	11084	10214	9343	5904	/	4,73	5,09	5,46	5,84	5,52	/
	40	10234	9183	8467	7751	4909	/	4,07	4,47	4,74	5,01	4,64	/
	43	8151	6977	6385	5792	3554	/	3,75	4,06	4,30	4,53	4,18	/
	-5	9346	7593	6260	4926	/	/	12,13	13,82	14,16	14,49	/	/
	0	8299	6754	5574	4393	/	/	10,88	12,66	12,90	13,14	/	/
	5	7251	5884	5432	4979	3169	/	9,63	10,60	11,35	12,10	11,40	/
	10	8796	7159	6640	6122	3971	/	10,22	11,26	12,09	12,91	12,22	/
	15	10641	8938	8331	7725	5107	/	8,84	9,74	10,52	11,30	10,81	/
25	20	12485	10869	10120	9370	6168	/	7,45	8,21	8,75	9,29	8,68	/
	25	13929	12299	11370	10442	6686	/	6,42	7,18	7,64	8,10	7,54	/
	30	15372	13763	12704	11645	7409	/	5,51	6,08	6,44	6,81	6,30	/
	35	14507	13230	12256	11282	7283	/	5,06	5,54	5,92	6,31	5,93	/
	40	12275	11137	10375	9613	6342	/	4,34	4,89	5,16	5,42	4,97	/
	43	10042	7943	6502	5061	/	/	4,03	4,41	4,50	4,58	/	/

* : Performance values useful for accessing the incentives provided in Italy / Valori prestazionali utili per accedere agli incentivi previsti in Italia

TABELLE PRESTAZIONALI - MODO RAFFREDDAMENTO / CAPACITY TABLES - COOLING MODE

IDOLA M 3.2 Mod. 12 - 12T - Prestazioni raffreddamento / Cooling capacity

"Tw_out	"DB/WB	Cooling Capacity [W]						EER					
°C"	°C"	130%	100%	90%	70%	50%	30%	130%	100%	90%	70%	50%	30%
5	-5	/	/	/	/	/	/	/	/	/	/	/	/
	0	/	/	/	/	/	/	/	/	/	/	/	/
	5	/	/	/	/	/	/	/	/	/	/	/	/
	10	/	/	/	/	/	/	/	/	/	/	/	/
	15	/	/	/	/	/	/	/	/	/	/	/	/
	20	7784	6068	5546	5024	3067	/	3,83	4,02	4,27	4,51	4,18	/
	25	10101	8000	7255	6511	3838	/	3,37	3,56	3,76	3,97	3,65	/
	30	9994	8038	7279	6521	3818	/	2,79	2,97	3,14	3,30	3,03	/
	35	9886	7681	6915	6150	3500	/	2,19	2,30	2,43	2,56	2,36	/
	40	8109	6620	5953	5286	2990	/	1,79	1,92	2,01	2,11	1,91	/
	43	5196	4266	3565	2863	2162	1460	1,40	1,45	1,46	1,47	1,47	1,48
7	-5	/	/	/	/	/	/	/	/	/	/	/	/
	0	/	/	/	/	/	/	/	/	/	/	/	/
	5	/	/	/	/	/	/	/	/	/	/	/	/
	10	/	/	/	/	/	/	/	/	/	/	/	/
	15	/	/	/	/	/	/	/	/	/	/	/	/
	20	10088	8011	7226	6441	3699	/	3,94	4,23	4,49	4,74	4,39	/
	25	12092	9741	8376	7012	5647	4282	3,57	3,85	3,89	3,92	3,96	3,99
	30	11876	9692	8325	6957	5590	4222	3,00	3,23	3,26	3,29	3,31	3,34
	35	11813	**11500**	9764	7928	6092	4256	2,70	**2,75**	2,77	2,79	2,81	2,83
	40	9099	7543	6798	6053	3462	/	2,02	2,20	2,32	2,43	2,22	/
	43	5720	4569	3898	3228	2557	1886	1,63	1,70	1,71	1,73	1,74	1,75
10	-5	/	/	/	/	/	/	/	/	/	/	/	/
	0	/	/	/	/	/	/	/	/	/	/	/	/
	5	/	/	/	/	/	/	/	/	/	/	/	/
	10	/	/	/	/	/	/	/	/	/	/	/	/
	15	10509	7882	6358	4834	/	/	4,53	4,86	5,01	5,16	/	/
	20	12153	9827	8446	7065	5683	4302	4,10	4,46	4,51	4,56	4,60	4,65
	25	13797	11327	9668	8009	6350	4691	3,82	4,17	4,22	4,28	4,33	4,38
	30	13431	11192	9542	7893	6243	4593	3,25	3,52	3,56	3,60	3,64	3,68
	35	13065	10726	9682	8637	4978	/	2,67	2,91	3,09	3,27	3,04	/
	40	9873	8346	7543	6739	3907	/	2,28	2,49	2,63	2,78	2,56	/
	43	6108	4800	4351	3903	2296	/	1,87	1,97	2,09	2,20	2,03	/
15	-5	9550	7690	6333	4976	/	/	7,50	8,47	8,65	8,83	/	/
	0	9333	7528	6206	4884	/	/	5,93	6,78	6,94	7,09	/	/
	5	9115	7302	6740	6177	3929	/	5,32	5,80	6,21	6,62	6,23	/
	10	10808	8684	8054	7424	4815	/	5,27	5,75	6,17	6,59	6,24	/
	15	12500	10500	9684	8869	5625	/	5,36	5,82	6,22	6,62	6,22	/
	20	14162	11805	10761	9717	5863	/	4,54	4,99	5,32	5,65	5,29	/
	25	15824	13387	12116	10844	6330	/	4,04	4,41	4,69	4,98	4,64	/
	30	15177	13026	11773	10520	6101	/	3,64	3,99	4,24	4,49	4,17	/
	35	14529	11972	10924	9877	5986	/	3,39	3,65	3,90	4,15	3,90	/
	40	10665	9282	8445	7608	4551	/	2,72	3,00	3,18	3,36	3,11	/
	43	7328	5833	5359	4885	3048	/	2,43	2,61	2,77	2,93	2,72	/
18	-5	10050	8113	6670	5226	/	/	7,48	8,54	8,69	8,84	/	/
	0	10198	8248	6788	5327	/	/	6,66	7,68	7,84	8,00	/	/
	5	10346	8270	7634	6999	4455	/	6,33	6,99	7,47	7,94	7,45	/
	10	12069	9677	8977	8276	5371	/	6,10	6,74	7,22	7,69	7,25	/
	15	13792	11700	10723	9746	6020	/	6,00	6,63	7,12	7,60	7,19	/
	20	15168	12822	11785	10749	6721	/	4,84	5,33	5,68	6,02	5,62	/
	25	16544	14185	12943	11701	7089	/	4,17	4,60	4,89	5,18	4,82	/
	30	15798	13739	12517	11296	6799	/	3,79	4,16	4,42	4,69	4,36	/
	35 *	15053	**12000**	11107	10215	6572	/	3,57	**3,95**	4,26	4,52	4,21	/
	40	11518	10160	9306	8453	5209	/	2,88	3,21	3,40	3,59	3,32	/
	43	7991	6599	6046	5494	3390	/	2,57	2,80	2,96	3,13	2,89	/
20	-5	10391	8456	6956	5455	/	/	7,37	8,51	8,65	8,78	/	/
	0	10902	8886	7317	5748	/	/	7,32	8,48	8,66	8,84	/	/
	5	11412	9156	8461	7766	4964	/	7,27	8,10	8,65	9,19	8,61	/
	10	13139	10574	9819	9064	5906	/	6,85	7,65	8,18	8,72	8,20	/
	15	14865	12784	11665	10547	6392	/	6,56	7,36	7,93	8,51	8,11	/
	20	15933	13712	12704	11695	7552	/	5,08	5,61	5,98	6,34	5,92	/
	25	17001	14842	13653	12464	7820	/	4,24	4,73	5,03	5,33	4,96	/
	30	16170	14315	13148	11982	7470	/	3,90	4,28	4,56	4,83	4,51	/
	35	15338	13390	12339	11287	7132	/	3,71	3,96	4,21	4,47	4,16	/
	40	12188	10936	10083	9231	5847	/	3,01	3,38	3,58	3,78	3,50	/
	43	8528	7300	6680	6060	3718	/	2,67	2,96	3,13	3,30	3,04	/
25	-5	11389	9252	7627	6002	/	/	8,35	9,52	9,75	9,98	/	/
	0	11887	9673	7983	6292	/	/	7,92	9,22	9,39	9,56	/	/
	5	12384	10048	9276	8503	5412	/	7,57	8,32	8,91	9,50	8,95	/
	10	14184	11543	10707	9871	6404	/	7,32	8,07	8,66	9,25	8,75	/
	15	15983	13426	12515	11604	7672	/	7,14	8,05	8,69	9,33	8,92	/
	20	16527	14388	13396	12404	8164	/	5,82	6,56	6,99	7,42	6,93	/
	25	17071	15074	13936	12797	8194	/	4,96	5,68	6,04	6,40	5,95	/
	30	16113	14426	13316	12206	7766	/	4,31	4,86	5,15	5,45	5,04	/
	35	15255	13913	12889	11864	7658	/	3,95	4,37	4,67	4,96	4,65	/
	40	13228	12002	11181	10360	6835	/	3,51	4,05	4,27	4,49	4,12	/
	43	10675	8444	6912	5380	/	/	3,27	3,66	3,73	3,80	/	/

IDOLA M 3.2 Mod. 14 - 14T - Prestazioni raffreddamento / Cooling capacity

"Tw_out	"DB/WB	Cooling Capacity [W]						EER					
°C"	°C"	130%	100%	90%	70%	50%	30%	130%	100%	90%	70%	50%	30%
5	-5	/	/	/	/	/	/	/	/	/	/	/	/
	0	/	/	/	/	/	/	/	/	/	/	/	/
	5	/	/	/	/	/	/	/	/	/	/	/	/
	10	/	/	/	/	/	/	/	/	/	/	/	/
	15	/	/	/	/	/	/	/	/	/	/	/	/
	20	8173	6372	5824	5276	3220	/	3,77	3,96	4,20	4,44	4,12	/
	25	10606	8400	7618	6837	4030	/	3,32	3,52	3,72	3,92	3,60	/
	30	10493	8440	7643	6846	4008	/	2,65	2,82	2,98	3,14	2,88	/
	35	10380	8065	7261	6457	3675	/	2,16	2,27	2,40	2,53	2,33	/
	40	8109	6620	5953	5286	2990	/	1,79	1,92	2,01	2,11	1,91	/
	43	5196	4266	3565	2863	2162	1460	1,40	1,45	1,46	1,47	1,47	1,48
7	-5	/	/	/	/	/	/	/	/	/	/	/	/
	0	/	/	/	/	/	/	/	/	/	/	/	/
	5	/	/	/	/	/	/	/	/	/	/	/	/
	10	/	/	/	/	/	/	/	/	/	/	/	/
	15	/	/	/	/	/	/	/	/	/	/	/	/
	20	10802	8579	7725	6872	3915	/	3,88	4,16	4,41	4,66	4,32	/
	25	12948	10431	8956	7482	6007	4532	3,53	3,80	3,84	3,87	3,91	3,94
	30	12791	10378	8901	7424	5946	4469	2,86	3,08	3,11	3,13	3,16	3,18
	35	12835	**12400**	10651	8602	6553	4504	2,35	**2,50**	2,58	2,62	2,65	2,68
	40	9279	7692	6921	6150	3490	/	2,02	2,20	2,32	2,43	2,22	/
	43	5833	4660	3970	3281	2591	1901	1,63	1,70	1,71	1,73	1,74	1,75
10	-5	/	/	/	/	/	/	/	/	/	/	/	/
	0	/	/	/	/	/	/	/	/	/	/	/	/
	5	/	/	/	/	/	/	/	/	/	/	/	/
	10	/	/	/	/	/	/	/	/	/	/	/	/
	15	10982	8236	6644	5052	/	/	4,60	4,94	5,09	5,24	/	/
	20	12761	10318	8868	7418	5967	4517	4,04	4,40	4,45	4,49	4,54	4,58
	25	14487	11894	10152	8410	6668	4926	3,77	4,12	4,17	4,22	4,27	4,32
	30	14103	11752	10020	8288	6555	4823	3,11	3,37	3,41	3,45	3,49	3,53
	35	13718	11263	10166	9070	5227	/	2,58	2,81	2,99	3,16	2,94	/
	40	9873	8346	7543	6739	3907	/	2,28	2,49	2,63	2,78	2,56	/
	43	6108	4800	4351	3903	2296	/	1,87	1,97	2,09	2,20	2,03	/
15	-5	10028	8074	6649	5224	/	/	7,57	8,56	8,74	8,92	/	/
	0	9799	7904	6516	5128	/	/	5,87	6,71	6,86	7,01	/	/
	5	9571	7667	7076	6486	4125	/	5,44	5,93	6,35	6,77	6,37	/
	10	11348	9119	8457	7796	5055	/	5,21	5,69	6,10	6,52	6,16	/
	15	13063	10973	10121	9268	5878	/	5,45	5,92	6,33	6,73	6,32	/
	20	14870	12396	11300	10204	6156	/	4,47	4,92	5,25	5,57	5,21	/
	25	16615	14056	12721	11386	6646	/	3,99	4,35	4,63	4,91	4,58	/
	30	15935	13677	12361	11046	6406	/	3,49	3,83	4,07	4,31	4,01	/
	35	15255	12570	11470	10370	6285	/	3,13	3,45	3,69	3,93	3,69	/
	40	10665	9282	8445	7608	4551	/	2,72	3,00	3,18	3,36	3,11	/
	43	7328	5833	5359	4885	3048	/	2,43	2,61	2,77	2,93	2,72	/
18	-5	10553	8519	7003	5487	/	/	7,55	8,63	8,78	8,93	/	/
	0	10708	8660	7127	5593	/	/	6,59	7,60	7,76	7,92	/	/
	5	10863	8684	8017	7349	4678	/	6,47	7,15	7,63	8,12	7,61	/
	10	12341	9895	9179	8463	5492	/	6,07	6,71	7,18	7,66	7,21	/
	15	14413	12227	11206	10185	6291	/	6,10	6,74	7,23	7,73	7,31	/
	20	15525	13119	12056	10993	6868	/	4,80	5,30	5,64	5,98	5,58	/
	25	16943	14521	13247	11973	7248	/	4,14	4,57	4,86	5,15	4,79	/
	30	16181	14066	12813	11560	6952	/	3,70	4,06	4,32	4,58	4,26	/
	35	15419	**12900**	12311	11122	6722	/	3,31	**3,70**	3,95	4,30	4,21	/
	40	11518	10160	9306	8453	5209	/	2,88	3,21	3,40	3,59	3,32	/
	43	7991	6599	6046	5494	3390	/	2,57	2,80	2,96	3,13	2,89	/
20	-5	10911	8878	7303	5728	/	/	7,44	8,60	8,73	8,86	/	/
	0	11447	9331	7684	6036	/	/	7,24	8,39	8,57	8,75	/	/
	5	11983	9614	8884	8154	5212	/	7,43	8,28	8,84	9,39	8,80	/
	10	13139	10574	9819	9064	5906	/	6,85	7,65	8,18	8,72	8,20	/
	15	15534	13359	12190	11021	6680	/	6,67	7,48	8,07	8,65	8,25	/
	20	15933	13712	12704	11695	7552	/	5,08	5,61	5,98	6,34	5,92	/
	25	17001	14842	13653	12464	7820	/	4,24	4,73	5,03	5,33	4,96	/
	30	16170	14315	13148	11982	7470	/	3,87	4,25	4,53	4,80	4,48	/
	35	15338	13390	12339	11287	7132	/	3,45	3,80	4,08	4,35	4,11	/
	40	12188	10936	10083	9231	5847	/	3,01	3,38	3,58	3,78	3,50	/
	43	8528	7300	6680	6060	3718	/	2,67	2,96	3,13	3,30	3,04	/
25	-5	11958	9715	8009	6302	/	/	8,43	9,61	9,85	10,08	/	/
	0	12481	10157	8382	6606	/	/	7,84	9,13	9,30	9,47	/	/
	5	13003	10551	9740	8928	5682	/	7,73	8,50	9,10	9,71	9,15	/
	10	14184	11543	10707	9871	6404	/	7,32	8,07	8,66	9,25	8,75	/
	15	16383	13761	12827	11894	7864	/	7,26	8,19	8,84	9,49	9,07	/
	20	16527	14388	13396	12404	8164	/	5,82	6,56	6,99	7,42	6,93	/
	25	17071	15074	13936	12797	8194	/	4,96	5,68	6,04	6,40	5,95	/
	30	16113	14426	13316	12206	7766	/	4,31	4,86	5,15	5,45	5,04	/
	35	15255	13913	12889	11864	7658	/	3,71	4,15	4,44	4,72	4,44	/
	40	13228	12002	11181	10360	6835	/	3,51	4,05	4,27	4,49	4,12	/
	43	10675	8444	6912	5380	/	/	3,27	3,66	3,73	3,80	/	/

* : Performance values useful for accessing the incentives provided in Italy / Valori prestazionali utili per accedere agli incentivi previsti in Italia

IDOLA M 3.2 Mod. 16 - 16T - Prestazioni raffreddamento / Cooling capacity

"Tw_out	"DB/WB	Cooling Capacity [W]						EER					
°C"	°C"	130%	100%	90%	70%	50%	30%	130%	100%	90%	70%	50%	30%
	-5	/	/	/	/	/	/	/	/	/	/	/	/
	0	/	/	/	/	/	/	/	/	/	/	/	/
	5	/	/	/	/	/	/	/	/	/	/	/	/
	10	/	/	/	/	/	/	/	/	/	/	/	/
	15	/	/	/	/	/	/	/	/	/	/	/	/
5	20	8991	7009	6406	5803	3542	/	3,70	3,88	4,12	4,36	4,04	/
	25	11667	9240	8380	7520	4433	/	3,25	3,43	3,63	3,82	3,52	/
	30	11542	9284	8408	7531	4409	/	2,59	2,75	2,90	3,06	2,81	/
	35	11418	8872	7987	7103	4042	/	2,11	2,21	2,34	2,46	2,27	/
	40	8920	7282	6548	5814	3289	/	1,75	1,87	1,96	2,05	1,86	/
	43	5975	4906	4099	3293	2486	1679	1,33	1,38	1,39	1,40	1,40	1,41
	-5	/	/	/	/	/	/	/	/	/	/	/	/
	0	/	/	/	/	/	/	/	/	/	/	/	/
	5	/	/	/	/	/	/	/	/	/	/	/	/
	10	/	/	/	/	/	/	/	/	/	/	/	/
	15	/	/	/	/	/	/	/	/	/	/	/	/
7	20	11882	9437	8498	7559	4307	/	3,80	4,08	4,33	4,58	4,24	/
	25	14243	11474	9852	8230	6607	4985	3,45	3,71	3,75	3,78	3,82	3,85
	30	14261	11416	9791	8166	6541	4916	2,79	3,01	3,04	3,06	3,09	3,11
	35	14178	**14000**	11739	9477	7216	4954	2,30	**2,50**	2,48	2,51	2,53	2,56
	40	10207	8461	7613	6765	3839	3198	1,97	2,14	2,26	2,37	2,17	2,04
	43	6865	5482	4673	3863	3054	2244	1,54	1,62	1,63	1,64	1,65	1,66
	-5	/	/	/	/	/	/	/	/	/	/	/	/
	0	/	/	/	/	/	/	/	/	/	/	/	/
	5	/	/	/	/	/	/	/	/	/	/	/	/
	10	/	/	/	/	/	/	/	/	/	/	/	/
	15	11366	8525	6877	5228	/	/	4,67	5,02	5,17	5,32	/	/
10	20	14037	11350	9755	8160	6564	4969	3,96	4,31	4,36	4,40	4,45	4,49
	25	15936	13083	11167	9251	7334	5418	3,69	4,02	4,07	4,12	4,17	4,22
	30	15513	12927	11022	9116	7211	5305	3,04	3,29	3,33	3,37	3,40	3,44
	35	15090	12389	11182	9976	5749	/	2,52	2,75	2,92	3,09	2,87	/
	40	10860	9180	8296	7412	4297	/	2,22	2,43	2,57	2,71	2,50	/
	43	7329	5761	5223	4684	2756	/	1,78	1,87	1,98	2,09	1,93	/
	-5	10028	8074	6649	5224	/	/	7,57	8,56	8,74	8,92	/	/
	0	9799	7904	6516	5128	/	/	5,87	6,71	6,86	7,01	/	/
	5	9571	7667	7076	6486	4125	/	5,44	5,93	6,35	6,77	6,37	/
	10	11348	9119	8457	7796	5055	/	5,21	5,69	6,10	6,52	6,16	/
	15	13520	11357	10475	9593	6084	/	5,53	6,01	6,42	6,83	6,41	/
15	20	15762	13139	11977	10816	6526	/	4,42	4,87	5,19	5,51	5,15	/
	25	17446	14759	13357	11955	6978	/	3,90	4,25	4,52	4,80	4,47	/
	30	17210	14771	13350	11929	6918	/	3,41	3,74	3,97	4,21	3,91	/
	35	16476	13576	12388	11200	6788	/	2,94	3,24	3,47	3,69	3,47	/
	40	11732	10210	9289	8369	5006	/	2,65	2,93	3,10	3,28	3,03	/
	43	9013	7174	6591	6008	3749	/	2,31	2,48	2,63	2,78	2,58	/
	-5	10553	8519	7003	5487	/	/	7,55	8,63	8,78	8,93	/	/
	0	10708	8660	7127	5593	/	/	6,59	7,60	7,76	7,92	/	/
	5	10863	8684	8017	7349	4678	/	6,47	7,15	7,63	8,12	7,61	/
	10	12341	9895	9179	8463	5492	/	6,07	6,71	7,18	7,66	7,21	/
	15	14917	12655	11598	10542	6512	/	6,19	6,84	7,34	7,84	7,42	/
18	20	16456	13906	12779	11652	7280	/	4,75	5,24	5,58	5,92	5,53	/
	25	17719	15247	13909	12571	7610	/	4,04	4,46	4,74	5,03	4,68	/
	30	17244	15047	13706	12364	7433	/	3,57	3,91	4,16	4,41	4,10	/
	35 *	16498	**13600**	13524	12148	7188	/	3,13	**3,61**	3,65	3,91	3,70	/
	40	12670	11176	10237	9298	5730	/	2,77	3,09	3,27	3,45	3,19	/
	43	9829	8117	7437	6758	4170	/	2,44	2,66	2,82	2,98	2,75	/
	-5	10911	8878	7303	5728	/	/	7,44	8,60	8,73	8,86	/	/
	0	11447	9331	7684	6036	/	/	7,24	8,39	8,57	8,75	/	/
	5	11983	9614	8884	8154	5212	/	7,43	8,28	8,84	9,39	8,80	/
	10	13139	10574	9819	9064	5906	/	6,85	7,65	8,18	8,72	8,20	/
	15	16078	13827	12617	11407	6913	/	6,77	7,59	8,18	8,78	8,37	/
20	20	16889	14535	13466	12397	8005	/	5,03	5,56	5,92	6,28	5,86	/
	25	17851	15584	14336	13087	8211	/	4,14	4,62	4,91	5,21	4,85	/
	30	17140	15174	13938	12701	7919	/	3,68	4,04	4,30	4,57	4,26	/
	35	16258	14193	13079	11964	7560	/	3,27	3,60	3,86	4,13	3,90	/
	40	13407	12030	11092	10154	6431	/	2,86	3,21	3,40	3,60	3,33	/
	43	10489	8978	8216	7453	4573	/	2,54	2,81	2,97	3,14	2,89	/
	-5	11958	9715	8009	6302	/	/	8,43	9,61	9,85	10,08	/	/
	0	12481	10157	8382	6606	/	/	7,84	9,13	9,30	9,47	/	/
	5	13003	10551	9740	8928	5682	/	7,73	8,50	9,10	9,71	9,15	/
	10	14184	11543	10707	9871	6404	/	7,32	8,07	8,66	9,25	8,75	/
	15	16956	14243	13277	12310	8139	/	7,37	8,31	8,97	9,64	9,21	/
25	20	17519	15252	14200	13148	8654	/	5,76	6,49	6,92	7,34	6,86	/
	25	17925	15827	14632	13437	8604	/	4,84	5,55	5,90	6,25	5,81	/
	30	16919	15147	13982	12816	8155	/	4,21	4,75	5,03	5,32	4,92	/
	35	16170	14747	13661	12575	8117	/	3,62	4,05	4,33	4,61	4,33	/
	40	14551	13202	12299	11396	7518	/	3,34	3,84	4,05	4,26	3,91	/
	43	11956	9457	7742	6026	/	/	3,11	3,48	3,55	3,61	/	/

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