



models 12-18



models 24-55T

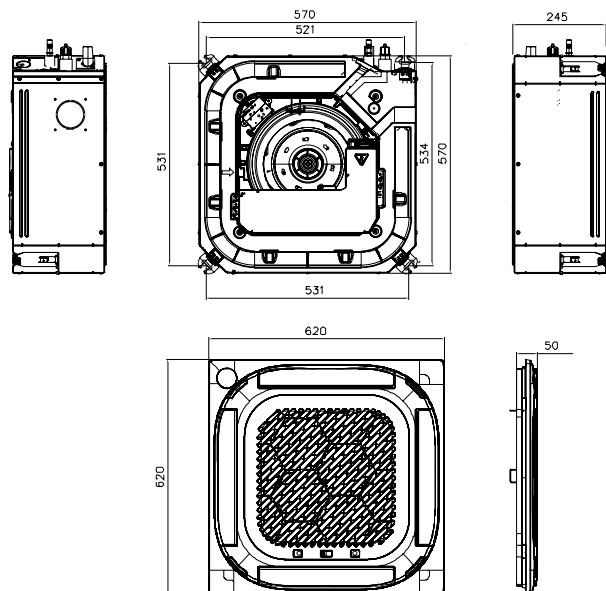


Smeraldo-C Cassette

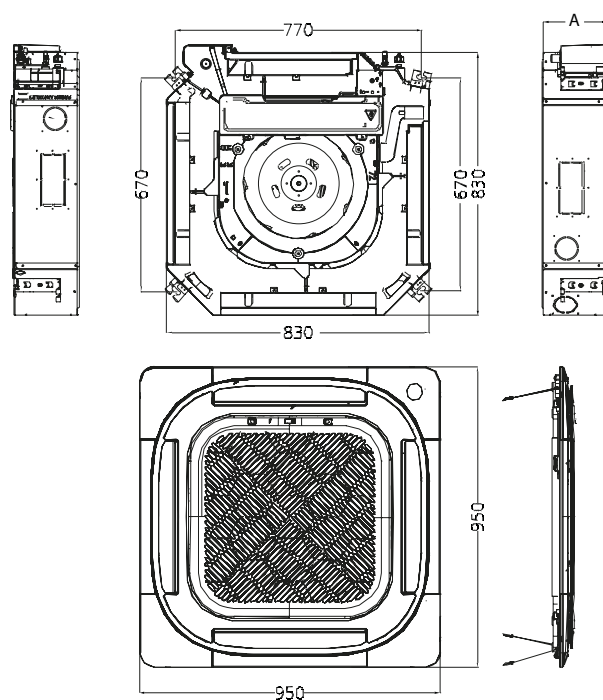
4-Way cassette internal unit

- The new cassette is perfect to integrate in any ceiling thanks to reduced dimensions
- Cassette internal unit with reduced height
- Golden Fin protection in coil
- DC Inverter fan, to obtain high efficiency and reduced sound level
- 360° outlet air flow for better temperature distribution in the room space
- Integrated condensate drainage pump
- Arrangement for renewal air inlet or intake in adjacent room by canalization
- Infrared remote control as standard with a large display for complete control of the unit (wired remote control available as accessory)
- WIFI connection available. Possibility of controlling the unit via APP

mod. 12-18



mod. 24-55T



MODEL		A
24	mm	205
36-36T	mm	245
48-48T	mm	287
55T	mm	287

MODEL			12	18	24	30	36
Cooling	Pdesignc	kW	3.5	5.3	7.1	8.8	10.5
	SEER	W/W	6.8	6.5	6.3	6.6	6.7
	Energy Efficiency Class						
Heating (Average)	Pdesignh	kW	2.7	4.2	6.2	7.7	8.5
	SCOP	W/W	4.1	4.1	4.1	4.2	4.0
	Energy Efficiency Class						
	Tbiv	°C	-7	-7	-7	-7	-7
Heating (Warmer)	Pdesignh	kW	3.3	5.3	6.3	7.8	10.1
	SCOP	W/W	5.1	5.1	5.4	5.1	5.1
	Energy Efficiency Class						
	Tbiv	°C	2	2	2	2	2
Tol	°C		-15	-15	-15	-15	-15
Power supply - Indoor		V, Hz, Ph	220-240V, 1 Ph, 50Hz				
Power supply - Outdoor		V, Hz, Ph	220-240V, 1Ph, 50Hz				
Cooling	Capacity	Btu/h	12000 (2900~14200)	18000 (9900~20000)	22180 (11250~27000)	30000 (7600~32000)	33956 (9200~39000)
	Capacity	kW	3.52 (0.85~4.16)	5.28 (2.90~5.59)	6.50 (3.29~7.91)	8.79 (2.23~9.38)	9.95 (2.70~11.43)
	Input	W	1015 (160~1450)	1550 (720~2040)	2000 (780~2750)	2720 (190~3000)	2989 (900~4200)
	Current	A	4.5 (1.3~6.4)	6.9 (3.2~9.0)	8.8 (4.2~12)	11.8 (2.0~13.0)	17.5 (4.2~18.5)
	EER	W/W	3.47	3.40	3.25	3.23	3.33
Heating	Capacity	Btu/h	13000 (1600~14800)	18200 (8100~21500)	26000 (9500~29000)	32000 (9200~33200)	38000 (9500~42000)
	Capacity	kW	3.81 (0.47~4.34)	5.33 (2.37~6.10)	7.62 (2.79~8.50)	9.38 (2.70~9.73)	11.14 (2.78~12.30)
	Input	W	1020 (125~1390)	1420 (700~1950)	1900 (610~2300)	2450 (430~2550)	3000 (800~3950)
	Current	A	4.5 (1.1~6.2)	6.0 (3.1~8.6)	8.5 (3.6~10.1)	11.0 (3.0~11.5)	13.5 (3.5~17.5)
	COP	W/W	3.74	3.76	4.01	3.83	3.71
Indoor air flow (Hi/Mi/Lo)		m³/h	620/520/330	660/540/300	1247/1118/992	1700/1530/1300	1700/1530/1300
Indoor sound pressure level (Hi/Mi/Lo/Silent)		dB(A)	42/38.5/31.5/25.5	44/41/31.5/25	45/42.5/37/27.5	50.5/48/46/40	51/48/46/40
Indoor sound power level (Hi)		dB(A)	55	59	59	63	63
Outdoor sound pressure level (Hi)		dB(A)	57	58	60	62	63
Outdoor sound power level (Hi)		dB(A)	62	65	68	70	70
Dimension (WxDxH) (body)		mm	570x570x245	570x570x245	830x830x205	830x830x245	830x830x245
Packing (WxDxH) (body)		mm	715x640x295	715x640x295	910x910x250	910x910x290	910x910x290
Dimension (WxDxH) (panel)		mm	620x620x50	620x620x50	950x950x55	950x950x55	950x950x55
Packing (WxDxH) (panel)		mm	715x700x115	715x700x115	1035x1035x90	1035x1035x90	1035x1035x90
Net / Gross weight (body)		kg	16.1 / 18.8	16.2 / 19	21.6 / 25.4	24.6 / 28.6	27.2 / 31.2
Net / Gross weight		kg	2.7 / 4.3	2.7 / 4.3	6 / 9	6 / 9	6 / 9
Drainage water pipe diameter		mm	OD Ø 25mm				
Liquid / Gas side Refrigerant piping		mm	6.35mm(1/4in) / 9.52mm(3/8in)	6.35mm(1/4in) / 12.7mm(1/2in)	9.52mm(3/8in) / 15.9mm(5/8in)	9.52mm(3/8in) / 15.9mm(5/8in)	9.52mm(3/8in) / 15.9mm(5/8in)
Controller			infrared remote control				
Operation temperature			16~30				
Room temperature in Cooling		°C	16~32 / 0~30	16~32 / 0~30	16~32	16~32	16~32
Room temperature in Heating		°C	-15~50 / -20~24	-15~50 / -20~24	0~30	0~30	0~30
INTERNAL UNIT CODE			2CP0042L	2CP0043L	2CP0044L	2CP0045L	2CP0046L
EXTERNAL UNIT CODE			2CP004BL	2CP004CL	2CP004DL	2CP004EL	2CP004FL
GRILLE CODE			2CP005AL	2CP005AL	2CP005BL	2CP005BL	2CP005BL
WIRED REMOTE CONTROL CODE			2CP00430				

NOTE: The above design and specifications are subject to change without prior notice for product improvement.

MODEL			36T	48	48T	55T
Cooling	Pdesignc	kW	10.5	14.0	14.0	15.3
	SEER	W/W	6.4	6.1	6.1	6.1
	Energy Efficiency Class					
Heating (Average)	Pdesignh	kW	8.2	11.2	11.2	11.8
	SCOP	W/W	4.0	4.0	4.0	4.0
	Energy Efficiency Class					
	Tbiv	°C	-7	-7	-7	-7
Heating (Warmer)	Pdesignh	kW	10.1	11.1	11.1	11.5
	SCOP	W/W	5.1	5.1	5.1	4.9
	Energy Efficiency Class					
	Tbiv	°C	2			
Tol		°C	-15			
Power supply - Indoor		V, Hz, Ph	220-240V, 1Ph, 50Hz			
Power supply - Outdoor		V, Hz, Ph	380-415V, 3Ph, 50Hz	220-240V, 1Ph, 50Hz	380-415V, 3Ph, 50Hz	
Cooling	Capacity	Btu/h	34154 (9200~39000)	40000 (12000~54000)	40000 (12000~54000)	52000 (14000~55000)
	Capacity	kW	10.01 (2.70~11.43)	11.72 (3.52~15.83)	11.72 (3.52~15.83)	15.24 (4.10~16.12)
	Input	W	3044 (890~4150)	3600 (810~5700)	3620 (810~6350)	5700 (1000~6250)
	Current	A	6.5 (1.4~6.5)	15.9 (5.8~27.7)	5.6 (1.8~10.3)	8.8 (2.1~10.7)
	EER	W/W	3.29	3.26	3.24	2.67
Heating	Capacity	Btu/h	38000 (9500~43200)	48000 (14000~58000)	48000 (14000~59000)	62000 (15000~65000)
	Capacity	kW	11.14(2.78~12.66)	14.07 (4.20~17)	14.07 (4.10~17.29)	18.17 (4.40~19.05)
	Input	W	3000 (780~4000)	3750 (910~5800)	3750 (910~5900)	5700 (1020~6350)
	Current	A	5.0 (1.3~6.4)	16.5 (6.6~25.3)	5.7 (1.9~9.6)	8.8 (2.1~10.8)
	COP	W/W	3.71	3.75	3.75	3.19
Indoor air flow (Hi/Mi/Lo)		m³/h	1700/1530/1300	1900/1750/1600	1900/1750/1600	2000/1850/1650
Indoor sound pressure level (Hi/Mi/Lo/Silent)		dB(A)	51/49/46/39	53/50.5/45/39	51.5/49.0/46.5/38.5	53/50.5/45.5/40
Indoor sound power level (Hi)		dB(A)	63	66	66	66
Outdoor sound pressure level (Hi)		dB(A)	63	64	64.0	65
Outdoor sound power level (Hi)		dB(A)	70	73	73	75
Dimension (WxDxH) body		mm	830x830x245	830x830x287	830x830x287	830x830x287
Packing (WxDxH) (body)		mm	910x910x290	910x910x330	910x910x330	910x910x330
Dimension (WxDxH)(panel)		mm	950x950x55	950x950x55	950x950x55	950x950x55
Packing (WxDxH) (panel)		mm	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90
Net / Gross weight (body)		kg	27.2 / 31.2	29.3 / 33.5	29.3 / 33.5	29.3 / 33.5
Net / Gross weight		kg	6 / 9			
Drainage water pipe diameter		mm	OD Ø 25mm			
Liquid / Gas side refrigerant piping		mm	9.52mm (3/8in) / 15.9mm (5/8in)	9.52mm (3/8in) / 15.9mm (5/8in)	9.52mm (3/8in) / 15.9mm (5/8in)	9.52mm (3/8in) / 15.9mm (5/8in)
Controller			infrared remote control			
Operation temperature			16~30			
Room temperature in Cooling		°C	16~32			
Room temperature in Heating		°C	0~30			
INTERNAL UNIT CODE			2CP0046L	2CP0048L	2CP0048L	2CP0049L
EXTERNAL UNIT CODE			2CP004GL	2CP004IL	2CP004JL	2CP004KL
GRILLE CODE			2CP005BL	2CP005BL	2CP005BL	2CP005BL
WIRED REMOTE CONTROL CODE			2CP00430			

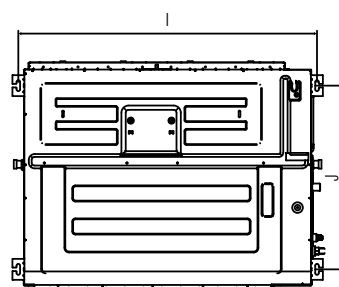
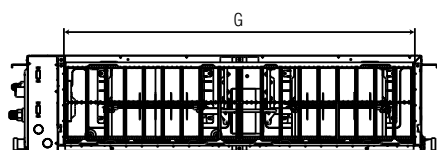
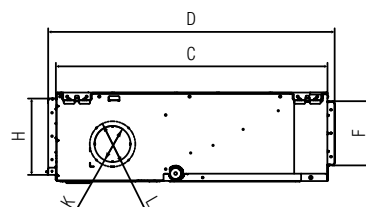
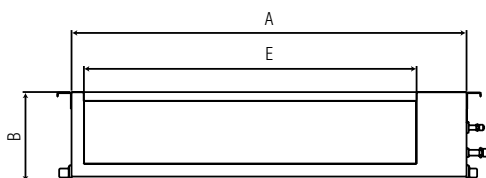
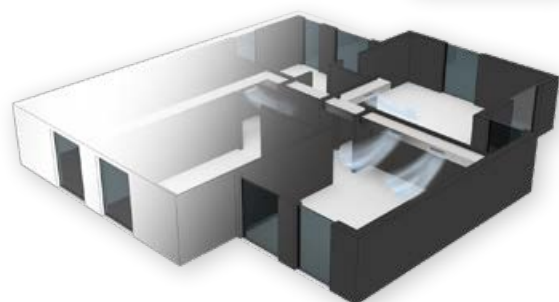
NOTE: The above design and specifications are subject to change without prior notice for product improvement.



Smeraldo-C Duct

Medium static pressure ducted air conditioner

- Perfect solution for room air conditioning using air distribution through a duct network
- Ducted Indoor unit with small dimensions (only 200mm high for mod. 12, 245 mm high for mod. 18-48, and 300mm high for mod. 55T). Ideal for installation in false ceilings with low ceiling heights
- Golden Fin protection in coil
- DC Inverter fan: high efficiency and reduced sound level
- Static pressure available up to 160 Pa (depending on model)
- Automatic static pressure adjustment available
- Condensate drainage pump available as an accessory
- Vertical installation possible
- Maximum refrigerant piping lengths: 25-30m for models up to 18, 50m for models 24 and 30, and 75m for models 36-50
- Low noise level
- Possibility of outside air supply
- Flexible installation: air intake direction can be changed from rear side to lower side
- Standard wired remote control with large display for complete control of the unit



MODEL		Outline dimensions				Air outlet opening size		Air return opening size		Size of mounted lug		Fresh air intake opening size	
		A	B	C	D	E	F	G	H	I	J	K	L
9-12	mm	700	200	506	450	152	537	186	599	741	360	-	-
18	mm	700	245	750	795	527	178	592	212	740	640	100	126
24-30	mm	1000	245	750	795	827	178	892	212	1040	640	100	126
36-48 / 36T-48T	mm	1200	245	750	795	1027	178	1092	212	1240	640	100	126
55T	mm	1200	300	750	795	1027	233	1092	267	1240	640	125	160

MODEL			12	18	24	30	36
Cooling	Pdesignnc	kW	3.5	5.3	7.1	8.8	10.5
	SEER	W/W	6.5	6.5	6.6	6.6	6.3
	Energy Efficiency Class						
Heating (Average)	Pdesignnh	kW	2.7	4.3	5.6	8.0	8.4
	SCOP	W/W	4.1	4.1	4.2	4.2	4.1
	Energy Efficiency Class						
	Tbiv	°C	-7	-7	-7	-7	-7
Heating (Warmer)	Pdesignnh	kW	3.4	5.2	6.5	8.2	10
	SCOP	W/W	5.1	5.1	5.4	5.5	5.1
	Energy Efficiency Class						
	Tbiv	°C	2	2	2	2	2
Tol		°C	-15	-15	-15	-15	-15
Power supply - Indoor		V, Hz, Ph	220-240V, 1Ph, 50Hz				
Power supply - Outdoor		V, Hz, Ph	220-240V, 1Ph, 50Hz				
Cooling	Capacity	Btu/h	12000 (1800~13334)	18000 (4500~21000)	24000 (11000~27000)	29400 (7600~34000)	33440 (9400~40000)
	Capacity	kW	3.52 (0.53~3.91)	5.28 (1.32~6.16)	7.03 (3.23~7.92)	8.62 (2.23~9.97)	9.80 (2.75~11.73)
	Input	W	1090 (155~1465)	1590 (360~2130)	2170 (750~2860)	2660 (190~3450)	3030 (900~4300)
	Current	A	4.82 (1.3~6.47)	7.1 (1.6~9.4)	9.6 (4.2~12.6)	11.8 (2.0~15)	13.6 (4.2~19)
	EER	W/W	3.23	3.32	3.24	3.24	3.23
Heating	Capacity	Btu/h	11500 (3400~15241)	20500 (5100~21500)	27200 (9500~29200)	32000 (9200~34100)	35000 (9500~43000)
	Capacity	kW	3.37 (1.00~4.47)	6.01 (1.50~6.31)	8.0 (2.79~8.56)	9.38 (2.70~10)	10.3 (2.78~12.61)
	Input	W	900 (302~1423)	1615 (500~1850)	2000 (640~2500)	2400 (430~2550)	2750 (800~3950)
	Current	A	3.98 (1.48~6.29)	7.2 (2.2~8.1)	9 (3.8~11)	10.6 (3.0~11.5)	12.2 (3.5~17.5)
	COP	W/W	3.74	3.72	3.99	3.91	3.73
Indoor air flow (Hi/Mi/Lo)		m³/h	660/570/470	900/780/650	1200/1000/700	1500/1200/900	1700/1400/1100
ESP	Rated	Pa	25	25	25	37	37
	Range	Pa	0-100	0-160	0-160	0-160	0-160
Indoor sound pressure level (Hi/Mi/Lo/Silent)		dB(A)	35/33/31/26	36.5/34/31/25	33.5/32.5/31/27.5	39/37/35/30	38/36/33/29
Indoor sound power level (Hi)		dB(A)	52	53	56	60	62
Outdoor sound pressure level (Hi)		dB(A)	55.5	59	60	60	65
Outdoor sound power level (Hi)		dB(A)	62	62	69	70	70
Dimension (WxDxH) (IU)		mm	700x450x200	700x750x245	1000x750x245	1000x750x245	1200x750x245
Packing (WxDxH) (IU)		mm	860x540x285	925x850x298	1225x860x304	1225x860x304	1425x860x304
Net / Gross weight (UI)		kg	16.6 / 19.8	24.4 / 29	31.8 / 37.2	32.7 / 38.3	38.4 / 44.4
Drainage water pipe diameter		mm	OD Ø 25mm				
Liquid side / Gas side refrigerant piping		mm	6.35mm (1/4in) / 9.52mm (3/8in)	6.35mm (1/4in) / 12.7mm (1/2in)	9.52mm (3/8in) / 15.9mm (5/8in)		
Controller			wired remote control				
Operation temperature		°C	16~30	16~30	16~30	16~30	16~30
Room temperature in Cooling		°C	16~32	16~32	16~32	16~32	16~32
Room temperature in Heating		°C	0-30	0-30	0-30	0-30	0-30
INTERNAL UNIT CODE			2CP004SL	2CP004TL	2CP004UL	2CP004VL	2CP004WL
EXTERNAL UNIT CODE			2CP004BL	2CP004CL	2CP004DL	2CP004EL	2CP004FL
CONDENSATE DRAIN PUMP - SMERALDO-C DUCT 12			2CP00440				
CONDENSATE DRAIN PUMP - SMERALDO-C DUCT 18-24-30-36-42-48			2CP00450				
CONDENSATE DRAIN PUMP - SMERALDO-C DUCT 55			2CP00460				

NOTE: The above design and specifications are subject to change without prior notice for product improvement.

MODEL			36T	42	48	48T	55T
Cooling	Pdesigngc	kW	10.6	12.1	14.0	14.0	15.3
	SEER	W/W	6.1	6.1	6.1	6.1	6.1
	Energy Efficiency Class						
Heating (Average)	Pdesignnh	kW	8.8	9.5	11.5	11.5	12.5
	SCOP	W/W	4.0	4.1	4.0	4.0	4.0
	Energy Efficiency Class						
	Tbiv	°C	-7	-7	-7	-7	-7
Heating (Warmer)	Pdesignnh	kW	10	10.2	11.5	11.2	12.8
	SCOP	W/W	5.1	5.1	5.1	5.1	5.1
	Energy Efficiency Class						
	Tbiv	°C	2	2	2	2	2
Tol		°C	-15	-15	-15	-15	-15
Power supply - Indoor		V, Hz, Ph	220-240V, 1Ph, 50Hz				
Power supply - Outdoor		V, Hz, Ph	380-415V, 3Ph, 50Hz	220-240V, 1Ph, 50Hz		380-415V, 3Ph, 50Hz	
Cooling	Capacity	Btu/h	31400 (9300~40000)	36300 (10000~42000)	42300 (12000~51000)	42300 (12000~54000)	52000 (14000~59000)
	Capacity	kW	9.20 (2.726~11.73)	10.64 (2.93~12.31)	12.4 (3.52~14.95)	12.4 (3.52~15.83)	15.24 (4.10~17.29)
	Input	W	2830 (890~4200)	3290 (680~4500)	3830 (810~6150)	3830 (810~6450)	5250 (1030~6650)
	Current	A	4.4 (1.4~6.7)	14.6 (3.1~19.8)	16.9 (4~26.7)	6.0 (1.8~10.5)	8.1 (3.1~11.5)
	EER	W/W	3.25	3.23	3.24	3.24	2.90
Heating	Capacity	Btu/h	34500 (9500~43800)	46000 (11500~48000)	51600 (14000~59000)	52000 (14000~60000)	60000 (15000~70000)
	Capacity	kW	10.1 (2.78~12.84)	13.48 (3.37~14.07)	15.12 (4.11~17.30)	15.24 (4.11~17.59)	17.58 (4.40~20.52)
	Input	W	2710 (780~4000)	3550 (750~4100)	4060 (950~5700)	4100 (950~5800)	4740 (950~6600)
	Current	A	4.3 (1.3~6.4)	16.0 (3.4~18.5)	17.6 (4.5~25)	7.1 (2~9)	7.4 (2~11.5)
	COP	W/W	3.75	3.80	3.72	3.72	3.71
Indoor air flow (Hi/Mi/Lo)		m³/h	1700/1400/1100	2000/1700/1300	2000/1700/1300	2000/1700/1300	2200/1900/1500
ESP	Rated	Pa	37	50	50	50	50
	Range	Pa	0-160	0-160	0-160	0-160	0-160
Indoor sound pressure level (Hi/Mi/Lo/Silent)		dB(A)	39/37/34/29	39/37/35.5/33	46/44/42/36	43.5/41.5/39.5/36	44.5/43/41.5/38
Indoor sound power level (Hi)		dB(A)	62	62	64	65	66
Outdoor sound pressure level (Hi)		dB(A)	65	63.5	64.5	64.5	64
Outdoor sound power level (Hi)		dB(A)	70	72	74	73	75
Dimension (WxDxH) (IU)		mm	1200x750x245	1200x750x245	1200x750x245	1200x750x245	1200x750x300
Packing (WxDxH) (IU)		mm	1425x860x304	1425x860x304	1425x860x304	1425x860x304	1425x860x354
Net / Gross weight (UI)		kg	38.4 / 44.4	40.6 / 46.1	40.4 / 46.8	40.4 / 46.8	42.9 / 49.1
Drainage water pipe diameter		mm	OD Ø 25mm				
Liquid side / Gas side refrigerant piping		mm	9.52mm (3/8in) / 15.9mm (5/8in)				
Controller			wired remote control				
Operation temperature		°C	16~30	16~30	16~30	16~30	16~30
Room temperature in Cooling		°C	16~32	16~32	16~32	16~32	16~32
Room temperature in Heating		°C	0-30	0-30	0-30	0-30	0-30
INTERNAL UNIT CODE			2CP004WL	2CP004XL	2CP004YL	2CP004YL	2CP004ZL
EXTERNAL UNIT CODE			2CP004GL	2CP004HL	2CP004IL	2CP004JL	2CP004KL
CONDENSATE DRAIN PUMP - SMERALDO-C DUCT 12			2CP00440				
CONDENSATE DRAIN PUMP - SMERALDO-C DUCT 18-24-30-36-42-48			2CP00450				
CONDENSATE DRAIN PUMP - SMERALDO-C DUCT 55			2CP00460				

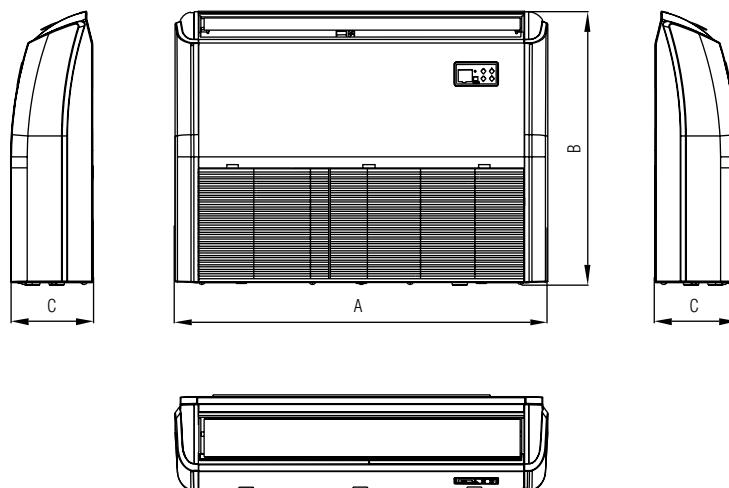
NOTE: The above design and specifications are subject to change without prior notice for product improvement.



Smeraldo-C Floor&Ceiling

Floor/Ceiling indoor unit

- Perfect solution for room air conditioning using the floor/ceiling, allowing air distribution from the ceiling or from the floor according to the needs of each room
- Horizontal ceiling or vertical floor installation possible
- Golden Fin protection in coil
- DC Inverter fan, to obtain high efficiency and reduced sound level
- Compact unit with a thickness of 235 mm only
- Infrared remote control as standard with a large display for complete control of the unit (optional wired remote control)
- WIFI connection available (accessory). Possibility of controlling the unit via App



MODEL		A	B	C
18-24	mm	1068	675	235
36-36T-48-48T-55T	mm	1650	675	235

MODEL			18	24	36	36T
Cooling	Pdesigngc	kW	5.4	7.1	10.5	10.5
	SEER	W/W	6.2	6.3	6.4	6.2
	Energy Efficiency Class					
Heating (Average)	Pdesigngh	kW	4.0	5.9	8.6	8.6
	SCOP	W/W	4.0	4.1	4.1	4.0
	Energy Efficiency Class					
	Tbiv	°C	-7	-7	-7	-7
Heating (Warmer)	Pdesigngh	kW	5.1	5.7	10.0	10.2
	SCOP	W/W	5.1	5.4	5.1	5.1
	Energy Efficiency Class					
	Tbiv	°C	2	2	2	2
Tol		°C	-15	-15	-15	-15
Power supply - Indoor		V, Hz, Ph	220-240V, 1Ph, 50Hz			
Power supply - Outdoor		V, Hz, Ph	220-240V, 1Ph, 50Hz			380-415V, 3Ph, 50Hz
Cooling	Capacity	Btu/h	18000 (9250~20000)	23200 (10990~27100)	34460 (9300~39000)	34460 (9300~40200)
	Capacity	kW	5.28 (2.71~5.86)	6.80 (3.22~7.95)	10.1 (2.73~11.43)	10.1 (2.73~11.78)
	Input	W	1450 (670~2027)	2060 (750~2730)	3080 (900~4250)	3100 (890~4300)
	Current	A	6.0 (3.2~9)	9.04 (3.9~12.1)	13.6 (4.2~19.0)	6.30 (1.4~6.80)
	EER	W/W	3.64	3.30	3.28	3.26
Heating	Capacity	Btu/h	19000 (8250~21500)	26000 (9280~29000)	40000 (9600~43600)	39960 (9500~43600)
	Capacity	kW	5.57 (2.42~6.30)	7.62 (2.72~8.50)	11.72 (2.78~12.78)	11.71 (2.81~12.78)
	Input	W	1500 (540~1640)	1980 (650~2940)	3160 (800~3950)	3140 (780~3950)
	Current	A	6.6 (2.7~7.3)	8.7 (3.5~10.60)	15.0 (3.5~17.5)	5.5 (1.3~6.20)
	COP	W/W	3.71	3.85	3.71	3.73
Indoor air flow (Hi/Mi/Lo)		m³/h	958/839/723	1192/1023/853	1955/1728/1504	1955/1728/1504
Indoor sound pressure level (Hi/Mi/Lo/Silent)		dB(A)	44/41/37/24	49.5/45.5/36.5/22.5	51.5/48/45/39	51/47.5/45/37
Indoor sound power level (Hi)		dB(A)	57	63	64	64
Outdoor sound pressure level (Hi)		dB(A)	59	60.5	63	63
Outdoor sound power level (Hi)		dB(A)	65	69	70	68
Dimension (WxDxH)		mm	1068x675x235	1068x675x235	1650x675x235	1650x675x235
Packing (WxDxH)		mm	1145x755x318	1145x755x318	1725x755x318	1725x755x318
Dimension (WxDxH)		mm	28/33.3	28/33.1	41.5/48	41.5/48
Drainage water pipe diameter		mm	OD Ø 25mm			
Liquid side / Gas side refrigerant piping		mm	6.35mm (1/4in) / 12.7mm (1/2in)	9.52mm (3/8in) / 15.9mm (5/8in)		
Controller			infrared remote control			
Operation temperature		°C	16~30			
Room temperature in Cooling		°C	16~32			
Room temperature in Heating		°C	0~30			
INTERNAL UNIT CODE			2CP004LL	2CP004ML	2CP004NL	2CP004NL
EXTERNAL UNIT CODE			2CP004CL	2CP004DL	2CP004FL	2CP004GL
WIRED CONTROLLER			2CP00430			

NOTE: The above design and specifications are subject to change without prior notice for product improvement.

MODEL			48	48T	55T
Cooling	Pdesignc	kW	14.0	14.0	15.3
	SEER	W/W	6.1	6.1	6.1
	Energy Efficiency Class				
Heating (Average)	Pdesignh	kW	11.2	11.2	11.8
	SCOP	W/W	4.0	4.0	4.0
	Energy Efficiency Class				
	Tbiv	°C	-7	-7	-7
Heating (Warmer)	Pdesignh	kW	11.5	11.5	11.5
	SCOP	W/W	5.1	5.1	5.1
	Energy Efficiency Class				
	Tbiv	°C	2	2	2
Tol		°C	-15	-15	-15
Power supply - Indoor		V, Hz, Ph	220-240V, 1Ph, 50Hz		
Power supply - Outdoor		V, Hz, Ph	220-240V, 1Ph, 50Hz	380-415V, 3Ph, 50Hz	
Cooling	Capacity	Btu/h	41600 (12000-54000)	41300 (12000-52000)	52000 (14000-55000)
	Capacity	kW	12.2 (3.52-15.83)	12.1 (3.52-15.24)	15.24 (4.10-16.12)
	Input	W	3770 (810-6350)	3730 (910-6200)	5900 (1100-6500)
	Current	A	16.5 (5.8-27.8)	5.7 (2.1-9.6)	8.9 (3.1-10.8)
	EER	W/W	3.23	3.25	2.58
Heating	Capacity	Btu/h	44000 (14000-59000)	44000 (14000-60000)	62000 (15000-66000)
	Capacity	kW	12.9 (4.10-17.30)	12.9 (4.10-17.59)	18.17 (4.40-19.35)
	Input	W	3470 (910-6050)	3470 (950-5950)	5950 (1120-6350)
	Current	A	15.3 (6.6-26.5)	5.3 (2.2-9.2)	9.1 (3.1-10.5)
	COP	W/W	3.72	3.72	3.05
Indoor air flow (Hi/Mi/Lo)		m³/h	2100/1850/1600	2100/1850/1600	2200/1950/1650
Indoor sound pressure level (Hi/Mi/Lo/Silent)		dB(A)	53/49/42.5/36	51/49/43/35	53/50/42/36
Indoor sound power level (Hi)		dB(A)	67	68	70
Outdoor sound pressure level (Hi)		dB(A)	64	64	65
Outdoor sound power level (Hi)		dB(A)	74	73	75
Dimension (WxDxH)		mm	1650x675x235	1650x675x235	1650x675x235
Packing (WxDxH)		mm	1725x755x318	1725x755x318	1725x755x318
Dimension (WxDxH)		mm	41.7/48.5	41.7/48.5	42.3/49.2
Drainage water pipe diameter		mm	OD Ø 25mm		
Liquid side / Gas side refrigerant piping		mm	9.52mm (3/8in) / 15.9mm (5/8in)		
Controller			infrared remote control		
Operation temperature		°C	16-30		
Room temperature in Cooling		°C	16-32		
Room temperature in Heating		°C	0-30		
INTERNAL UNIT CODE			2CP004PL	2CP004PL	2CP004QL
EXTERNAL UNIT CODE			2CP004IL	2CP004JL	2CP004KL
WIRED CONTROLLER			2CP00430		

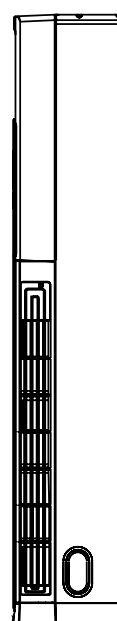
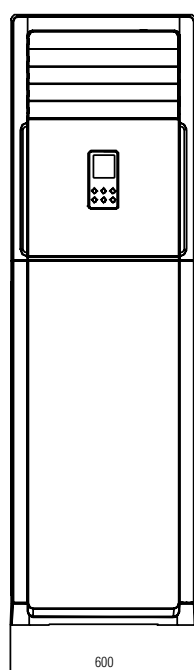
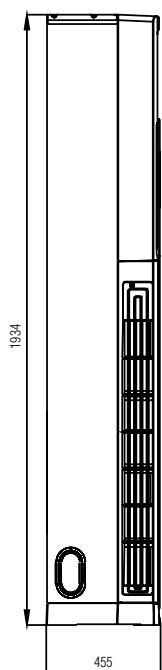
NOTE: The above design and specifications are subject to change without prior notice for product improvement.



Smeraldo-C Floor standing

Floor standing indoor unit

- The new Floor Standing IU has a high air-conditioning capacity, making it ideal for climatizing large open-plan rooms
- Modern and elegant aesthetics
- Reduced dimensions for easy integration into commercial premises
- Golden Fin protection in coil
- DC Inverter fan, to obtain high efficiency and reduced sound level
- WIFI connection available. Possibility of controlling the unit via App
- Integrated control panel in the indoor unit
- Available in a single capacity (14 kW) that can be combined with a single-phase or a three-phase outdoor unit



MODEL			48	48T
Average	Pdesignc	kW	14,1	14,1
	SEER	W/W	6.0	5.8
	Energy Efficiency Class	-		
	Seasonal space cooling energy efficiency (ηs,c)	%	237	229
	Pdesignh	kW	11.4	11.4
	SCOP	W/W	4.0	3.8
	Energy Efficiency Class	-		
	Seasonal space heating energy efficiency (ηs,c)	%	157	149
	Tbiv	°C	-7	-7
Warmer	Pdesignh	kW	11.7	11.8
	SCOP	W/W	4.3	4.3
	Energy Efficiency Class	-		
	Seasonal space heating energy efficiency (ηs,c)	%	169	169
	Tbiv	°C	2	2
Tol		°C	-15	-15
Power supply (Indoor)		V, Hz, Ph	220-240V, 1Ph, 50Hz	220-240V, 1Ph, 50Hz
Power supply (Outdoor)		V, Hz, Ph	220-240V, 1Ph, 50Hz	380-415V, 3Ph, 50Hz
Cooling	Capacity - nom (min-max)	kW	14.1 (3.5-15.3)	14.1 (3.5-15.3)
	Input - nom (min-max)	W	5000 (910-6500)	5000 (910-6500)
	EER	W/W	2.81	2.81
	Current - nom (min-max)	A	22.2 (4.0-28.8)	7.6 (2.12-10.5)
Heating	Capacity - nom (min-max)	kW	15.5 (4.1-17.6)	15.5 (4.1-17.6)
	Input - nom (min-max)	W	4450 (950-6800)	4500 (950-7200)
	COP	W/W	3.49	3.45
	Current - nom (min-max)	A	19.7 (4.2-29.6)	6.7 (2.2-12)
Indoor fan motor	Quantity	n°	1	1
	Input	W	210	210
	Speed (Hi/Med/Lo)	r/min	580/500/400	580/500/400
Indoor air flow (Hi/Mi/Lo)		m³/h	2080/1910/1745	2080/1910/1745
Indoor sound pressure level (Hi/Mi/Lo/Silent)		dB(A)	51/49/47/38.5	51/48.5/46.5/38
Indoor sound power level (Hi)		dB(A)	66	66
Outdoor air flow		m³/h	5600	5600
Outdoor sound pressure level		dB(A)	65	65
Outdoor sound power level		dB(A)	72	72
Dimension (WxDxH) (IU)		mm	600x455x1934	600x455x1934
Packing (WxDxH) (IU)		mm	755x585x2080	755x585x2080
Net weight		kg	58.6	58.6
Gross weight		kg	77.5	77.5
Liquid side / Gas side refrigerant piping		mm	9.52 mm (3/8in) / 15.9 mm (5/8in)	
Controller		Type	on board	
Room temperature in Cooling		°C	17-32	
Room temperature in Heating		°C	0-30	
INTERNAL UNIT CODE			2CP004IL	2CP004JL
EXTERNAL UNIT CODE			2CP0040L	

NOTE: The above design and specifications are subject to change without prior notice for product improvement.



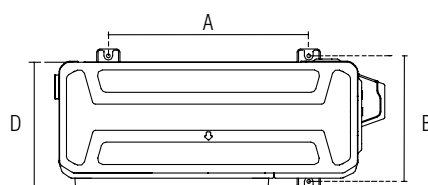
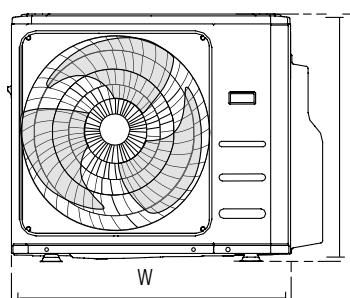
Smeraldo-C

Universal external unit

- The units all incorporate a Full DC Inverter compressor, which together with the special design of the fan and the latest generation inverter control allows the unit to achieve high performance and low noise levels
- Refrigerant flow control using an electronic expansion valve
- Single-phase power supply (models 12-18-24-30-36-42-48) and three-phase (models 36T-48T-55T)
- The units also have Golden Fin coils (anti-corrosion treatment) which extends the useful life of the equipment
- Furthermore It has WIFI communication, which allows optional control of the equipment through a smartphone or tablet via the own APP
- The outdoor unit has been designed with a single fan in all models, resulting in a unit of reduced dimensions, with a height of less than 1m, which facilitates its architectural integration into the building
- Maximum piping length: 25-30m for models up to 18, 50m for models 24 and 30, and 75m for models 36-50

MODEL		12	18	24	30	36	36T	42	48	48T	55T
Power supply	V / Hz / Ph	220-240V / 1Ph / 50Hz					380-415V / 3Ph / 50Hz	220-240V / 1Ph / 50Hz		380-415V / 3Ph / 50Hz	
Max input consumption	W	1850	2950	3700	4500	5000	5000	5000	7300	7300	7500
Max current	A	9	13.5	19	20	22.5	10	22.5	32	14	14
Compressor type		Rotary									
Outdoor air flow (Hi)		2200	2100	3500	3800	4000	4000	4000	5600	5600	5600
Dimension (W*D*H)	mm	765 x 303 x 555	805 x 330 x 554	890 x 342 x 673	946 x 410 x 810	946 x 410 x 810	946 x 410 x 810	946 x 410 x 810	980 x 415 x 975	980 x 415 x 975	980 x 415 x 975
Packing (W*D*H)	mm	887 x 337 x 610	915 x 370 x 615	995 x 398 x 740	1090 x 500 x 885	1090 x 500 x 885	1090 x 500 x 885	1090 x 500 x 885	1145 x 500 x 1080	1145 x 500 x 1080	1145 x 500 x 1080
Net / Gross weight	Kg	26.6 / 29	32.5 / 35.2	41.9 / 45.2	51 / 55.7	66.9 / 71.5	80.5 / 85	71.0 / 75.0	82.5 / 97	90 / 105	92 / 107
Refrigerant type		R32	R32	R32	R32	R32	R32	R32	R32	R32	R32
Refrigerant GWP		675	675	675	675	675	675	675	675	675	675
Refrigerant	Kg	0.71	1.15	1.4	1.8	2.4	2.4	2.8	2.9	2.9	3.2
Liquid side / Gas side	mm (inch)	6.35 (1/4) / 9.52 (3/8)	6.35mm (1/4) / 12.7mm (1/2)	9.52 (3/8) / 15.9 (5/8)							
Max refrigerant pipe length	m	25	30	50	50	75	75	75	75	75	75
Max difference in level	m	10	20	25	25	30	30	30	30	30	30
Outdoor temp. in Cooling	°C	-15 ~ 50									
Outdoor temp. in Heating	°C	-20 ~ 24									
CODE		2CP004BL	2CP004CL	2CP004DL	2CP004EL	2CP004FL	2CP004GL	2CP004HL	2CP004IL	2CP004JL	2CP004KL

NOTE: The above design and specifications are subject to change without prior notice for product improvement.



MODEL		W	H	D	A	B
12	mm	765	555	303	452	286
18	mm	805	554	330	511	317
24	mm	890	673	342	663	354
30-36-36T- 42	mm	946	810	410	673	403
48-48T-55T	mm	980	975	415	616	397