



Em LN

Single-stage burners. Very low NOx emissions (class 3 \leq 80 mg/kWh) achieved with a special combustion head

- Operating with natural gas
- Gas train with stabiliser, double valve and filter
- Adjustable combustion head
- Internal combustion air regulator (mod. Em 4 LN - Em 7 LN), or internal (mod. EM 13 LN - EM 21 LN)
- Air damper with gravity closure when stopped
- Stabilised ventilation
- Accessories assembly kit and valve sealing control kit

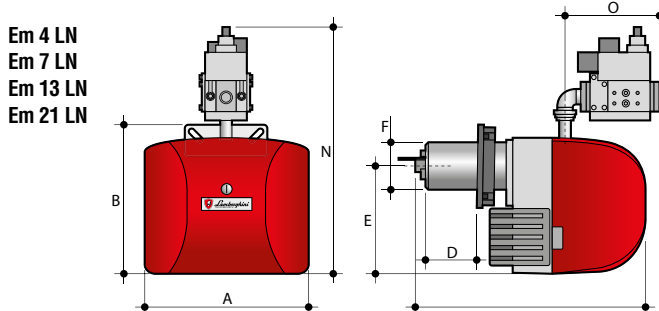
(for kits dedicated to Em LN burners, see “Accessories”)



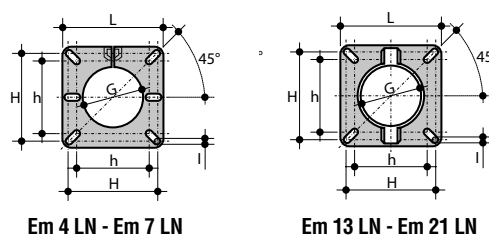
Burner code	Burner model
0U3C7CXD	EM 4 LN 15
0U3C7DXD	EM 4 LN 15 L
0U3C9AXD	EM 7 LN 15
0U3C9BXD	EM 7 LN 15 L
0U3C9CXD	EM 7 LN 20
0U3C9DXD	EM 7 LN 20 L
0U3CCAXD	EM 13 LN 20
0U3CCBXD	EM 13 LN 20 L
0U3CDAXD	EM 21 LN 20
0U3CDBXD	EM 21 LN 20 L
0U3CDCXD	EM 21 LN 25
0U3CDDXD	EM 21 LN 25 L

NB: products delivered within 3 weeks from the date of the order

Dimensions (in mm)



Flange and connection



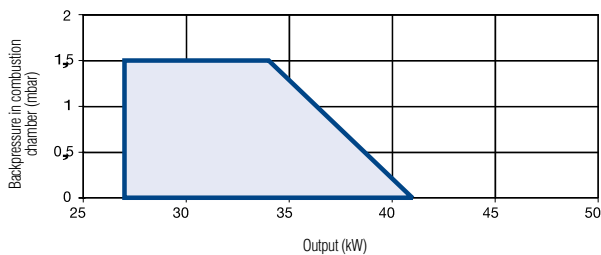
Model	A	B	C	D (min-max)	E	F	N	O	G	h - H	I	L
	mm	mm	mm	mm	mm	Ø mm	mm	mm	Ø mm	Ø mm	mm	mm
EM 4 LN 15	269	266	338	58 - 98	194	80	400	168	95	96 - 120	M8	145
EM 4 LN 15 L	269	266	418	58 - 178	194	80	400	168	95	96 - 120	M8	145
EM 7 LN 15	304	291	393	76	218	80	438	168	95	96 - 120	M8	145
EM 7 LN 15 L	304	291	461	76 - 149	218	80	438	168	95	96 - 120	M8	145
EM 7 LN 20	304	291	393	76	218	80	438	168	95	96 - 120	M8	145
EM 7 LN 20 L	304	291	461	76 - 149	218	80	438	168	95	96 - 120	M8	145
EM 13 LN 20	373	340	581	85 - 170	245	108	560	220	128	108 - 158	M8	188
EM 13 LN 20 L	373	340	681	85 - 270	245	108	560	220	128	108 - 158	M8	188
EM 21 LN 20	373	340	581	85 - 170	245	115	560	220	134	108 - 158	M8	188
EM 21 LN 20 L	373	340	681	85 - 270	245	115	560	220	134	108 - 158	M8	188
EM 21 LN 25	373	340	581	85 - 170	245	115	560	220	134	108 - 158	M8	188
EM 21 LN 25 L	373	340	681	85 - 270	245	115	560	220	134	108 - 158	M8	188

Model	Natural Gas Flow Rate	Minimum Pressure Natural Gas	Heat output	Motor	Fan motor absorption	Gas train connection
	m ³ /h	mbar*	kW		W	Ø
EM 4 LN 15	2.72 - 4.12	10	27 - 41	230 V / 50 Hz / single-phase	75	1/2"
EM 4 LN 15 L	2.72 - 4.12	10	27 - 41	230 V / 50 Hz / single-phase	75	1/2"
EM 7 LN 15	4.02 - 6.54	23	40 - 65	230 V / 50 Hz / single-phase	100	1/2"
EM 7 LN 15 L	4.02 - 6.54	23	40 - 65	230 V / 50 Hz / single-phase	100	1/2"
EM 7 LN 20	4.02 - 6.54	20	40 - 65	230 V / 50 Hz / single-phase	100	3/4"
EM 7 LN 20 L	4.02 - 6.54	20	40 - 65	230 V / 50 Hz / single-phase	100	3/4"
EM 13 LN 20	7.54 - 12.07	13.5	75 - 120	230 V / 50 Hz / single-phase	180	3/4"
EM 13 LN 20 L	7.54 - 12.07	13.5	75 - 120	230 V / 50 Hz / single-phase	180	3/4"
EM 21 LN 20	8.55 - 15.09	15	85 - 150	230 V / 50 Hz / single-phase	180	3/4"
EM 21 LN 20 L	8.55 - 15.09	15	85 - 150	230 V / 50 Hz / single-phase	180	3/4"
EM 21 LN 25	8.55 - 15.09	11	85 - 150	230 V / 50 Hz / single-phase	180	1"
EM 21 LN 25 L	8.55 - 15.09	11	85 - 150	230 V / 50 Hz / single-phase	180	1"

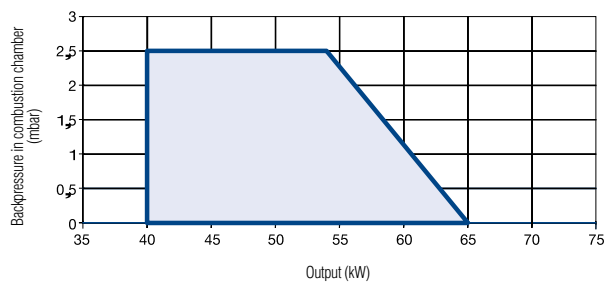
* Minimum gas pressure to obtain maximum burner output with 0 mbar pressure in the combustion chamber

Working ranges

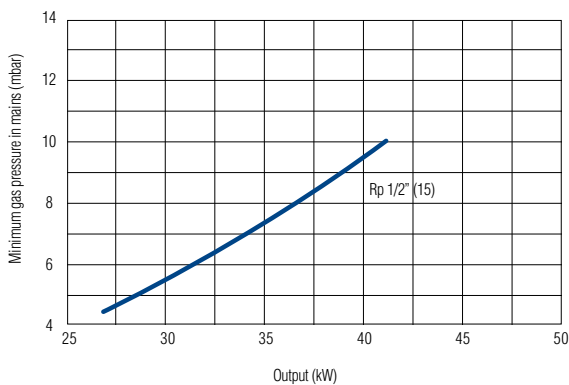
Em 4 LN



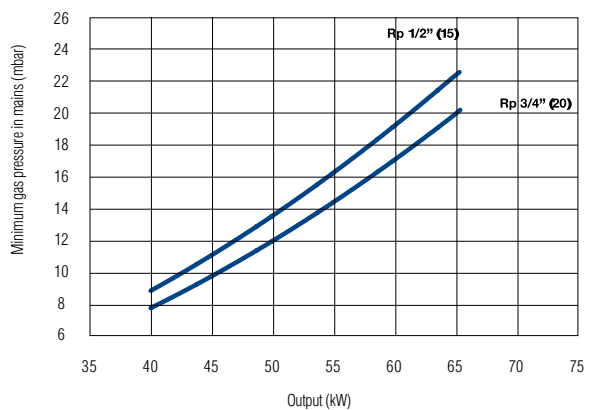
Em 7 LN



Em 4 LN



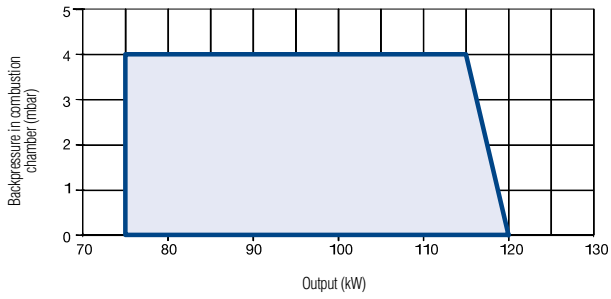
Em 7 LN



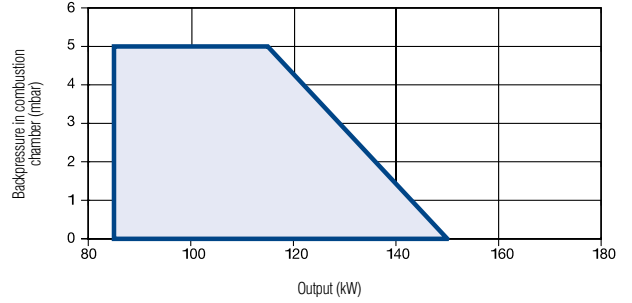
"Low NOx" gas burners

Working ranges

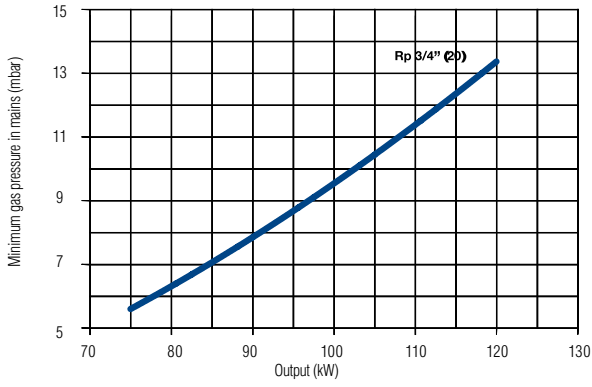
Em 13 LN



Em 21 LN



Em 13 LN



Em 21 LN

