



WINDPOWER

Wall mounted Fan Heaters LS-N Series

The LS-N series of wall mounted fan heaters represents the wall mounted version of the new Portable Fan Heater LS-N series.

With the same innovative aesthetics of rounded, smooth lines, and manufactured with a robust structure in steel plate, the wall mounted series consists of five models.

These new wall mounted models are designed to be hung by means of an easy to use support system that is incorporated into the appliance.

They are swivel mounted to allow the air to be directed both horizontally and vertically, thus allowing optimum distribution of the air flow to the areas required.



The thermal protector automatically disconnects the unit in the case of overheating. They have a manual RESET button, situated at the top of the housing to reconnect the unit. They also have a switch that allows the thermostat to act on both the fan and the heater element or only on the heater.

OPERATING MODE

CR-25: Switch which allows regulation of ventilation and heating of the devices (only ventilation, ventilation and element at medium power, ventilation and element at maximum power).



CR-25

TR-1N: Thermostat for models LS-3, LS-5 and LS-9.

TR-2: 2-stage thermostat for models LS-12 and LS-15. This thermostat varies, according to ambient temperature the power of the elements (0-medium-maximum). Each external control unit allows the regulation of up to 5 devices of the same model.



TR-2

TECHNICAL CHARACTERISTICS

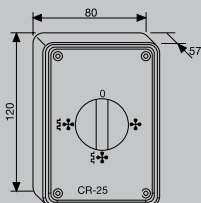
Type	Voltage (V)	Frequency (Hz)	Total power (W)	Heating power (W)	Maximum intensity (A)	Velocity (r.p.m)	Maximum flow (m ³ /h)	Sound pressure level dB(A)	Temp. rise (°C)	Weight (kg)
LS-3	230V	50Hz	3033	3000	13	1300	350	55	26	9,7
LS-5	690/400/3+N	50Hz	5033	5000	7,2	1300	450	55	33	9,7
LS-9	690/400/3+N	50Hz	9050	9000	13	1300	800	61	33	15
LS-12	690/400/3+N	50Hz	1240	12000	17,3	1370	1100	62	32	17
LS-15	690/400/3+N	50Hz	15040	15000	21,7	1370	1100	62	40	17

LS-3 + LS-5 is already developed for cold climate applications.



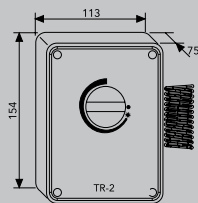
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EXTERNAL CONTROLS



CR-25

Switch positions
Ventilation/heating.
Weight: 350 g



TR-2

Thermostat for the models
EC-12N, EC-15N.
Weight: 480 g

TR-1N

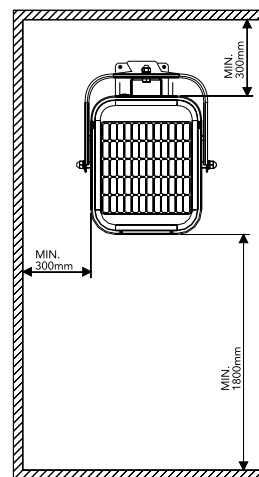
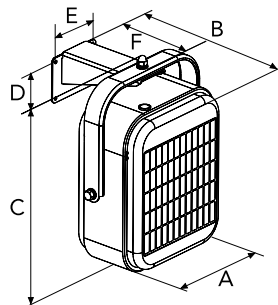
Thermostat for the models
EC-3N, EC-5N, EC-9N.
Weight: 350 g

TECHNICAL SPECIFICATIONS SERIES LS-N

MODEL		LS-3	LS-5	LS-9	LS-12	LS-15
Voltage	(50Hz) (V)	230	3N AC 400	3N AC 400	3N AC 400	3N AC 400
Total power	(W)*	3.033	5.033	9.050	15.040	15.040
Heating power	(W)	1.500 / 3.000	2.500 / 5.000	4.500 / 9.000	7.500 / 15.000	7.500 / 15.000
Intensity	(A)	13	7,2	13	21,7	21,7
Speed	(r.p.m.)	1.300	1.300	1300	1370	1370
Volume	(m3/h)	350	450	800	1100	1100
Sound pressure level dB	(A)* **	43	43	49	50	50
Temperature	(°C)	26	33	33	40	40
Weight	(Kg)	9,7	9,7	15	17	17
Thermal protector		•	•	•	•	•
Hanging		•	•	•	•	•
Colour		Gray	Gray	Gray	Gray	Gray
Water splash protection		IP24	IP24	IP24	IP24	IP24
Air speed in discharge	(m/s)	2	2,3	2,4	3,3	3,3

ORIENTATION

Thanks to the wall supports supplied with the fan heater, the horizontal and vertical orientation of the product is possible, facilitating the distribution of heat.



Minimum
distances
of the wall
installation.

DIMENSIONS (MM)

Type	A	B	C	D	E	F
LS-3	370	300	450	85	120	220
LS-5	370	300	450	85	120	220
LS-9	450	375	565	112	152	294
LS-12	450	460	565	112	152	294
LS-15	450	460	565	112	152	294

- * Possibility of regulating the low heating power with the CR-25.
(by default, when switched on, the device operates with high power)
- ** Sound pressure at 1.5 m, device on floor.

