



BX

Portable/wall-mounted electric fan heater



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The BX is a series of electric fans with ratings between 2 kW and 15 kW. The fans are designed for use wherever temporary but effective heating is required, such as on building sites, in warehouses, workshops, shops, exhibition halls, assembly halls and garages.

The sturdy bracket enables the heater to be mounted on a wall.

- 5 ratings from 2 kW to 15 kW
- Knob on the heater front for switching between continuous and intermittent fan operation
- Output selector 0 - 1/2 - 1/1 output
- 2-metre power supply cable

Control

Thermostatic heat control by means of capillary tube thermostat (0°C to + 35°C) that senses the inlet air temperature, which ensures high accuracy.

Connections

The BX 2E and BX 3E are equipped with a 2-metre long power supply cable with earthed plug.

The BX 5E, BX 9SE and BX 9AE are equipped with a 2-metre long power supply cable and 16 A plug (CEE connector).

The BX 15E is equipped with a 2-metre long power supply cable and 32 A plug (CEE connector).

BX 9AE, BX 9SE and BX 15E does not need a neutral in the socket due to the 400V motor, which is of benefit in many older plants.



Design

The casing is made of galvanized sheet steel and is painted red.
 Heater element of stainless steel to EN 1.4541.
 Degree of protection IP X4 (splash-proof), approved for use in humid and wet areas (e.g. building sites).

Approvals

The fan heaters have been tested and approved by SEMKO in accordance with:
 LVD Directive: EN 60355-1, EN 60335-2-30 and EN 50366
 EMC Directive: EN 61000-6-2 and EN 61000-6-3
 EMF Directive: EN 50366



Product range

Technical data

		BX 2E	BX 3E	BX 5E	BX 5E	BX 5E	BX 9SE	BX 9AE	BX 9ANE 3)	BX 15E
Power supply	V	230 V~	230 V~	400 V 3N~	230 V 3~	230 V~	400 V 3~	400 V 3~	230 V 3~	400 V 3~
Output	W	2000	3000	5000	5000	5000	9000	9000	9000	15000
Output steps	kW	0-1-2	0-1,5-3	0-2,5-5	0-2,5-5	0-3,3-5	0-4,5-9	0-4,5-9 ²⁾	0-4,5-9 ²⁾	0-7,5-15 ²⁾
Current	A	4,5/8,9	6,7/13,2	6,4/7,4	11,1/12,8	14,6/22,0	11,5/13,3	6,8/13,3	11,5/22,8	11,1/21,9
Sound level ¹⁾	dBA	39	44	47	47	47	53	42/53	44/53	55
Air flow rate	m ³ /h	190	290	500	500	500	900	700/900	700/900	1000
Motor speed	r/min	1300	1300	1300	1300	1300	1300	1000/1300	1000/1300	1300
Degree of protection		IP X4	IP X4	IP X4	IP X4	IP X4	IP X4	IP X4	IP X4	IP X4
Weight	kg	5,5	6,0	6,5	6,5	6,5	10,5	11,5	11,5	15
Temperature rise	°C	29	29	28	28	28	28	36/ 28	36/28	42
Width	mm	275	275	275	275	275	350	350	350	350
Height	mm	320	320	320	320	320	450	450	450	450
Depth	mm	320	320	320	320	320	370	370	370	435

1) Measured at a distance of 5 metres in front of the unit.

2) Uniform phase loading, even at half output.

3) The fan motor is continuously in operation.

