



 **VEAB**
Heat Tech AB

BX
**Portable/wall-mounted
electric fan heater**



BX

Portable/wall-mounted electric fan heater

The BX is a series of electric fans heaters with ratings between 2 kW and 30 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.

- 7 ratings from 2 kW to 30 kW
- BX 2E-15E has a knob on the heater front for switching between continuous and intermittent fan operation
- Output selector 0 - 1/2 - 1 output
- Two metre power supply cable

Design

The casing is made of galvanized sheet steel painted red, and the heater elements are made of stainless steel to EN 1.4301. BX 9AE and BX 9ANE have adjustment for low/high fan speed on the front. Degree of protection IPX4 (splash-proof), approved for use in humid and wet areas (e.g. building sites).

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 power supply cable with earthed plug.

BX 5E, BX 5EN, BX 9SE and BX 9AE are equipped with power supply cable and 16 A plug (CEE connector).

BX 5ER and BX 15EN are equipped with power supply cable without plug.

BX 9ANE, BX 15E and BX 20E are equipped with power supply cable and 32 A plug (CEE connector).

BX 30E is equipped with power supply cable and a 63 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.



Approvals

BX 2E-30E have been tested and approved by Intertek Semko in accordance with:

LVD Directive: EN 60335-1 and EN 60335-2-30

EMC Directive: EN 61000-6-2, EN 61000-6-3 and EN 61000-6-1 (BX 20/30)

EMF Directive: EN 62233



Product range overview

Type		BX 2E	BX 3E	BX 5E	BX 5EN	BX 5ER	BX 9SE	BX 9AE	BX 9ANE ³⁾
Power supply	V	230V~ 50/60 Hz	230V~ 50/60 Hz	400V3N~ 50/60 Hz	230V3~ 50/60 Hz	230V~ 50/60 Hz	400V3~ 50 Hz	400V3~ 50 Hz	230V3~ 50 Hz
Output	kW	2	3	5	5	5	9	9	9
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⁾
Current	A	4.3 / 8.7	6.5 / 13.0	6.3 / 7.2	10.9 / 12.6	14.5 / 21.7	11.3 / 13.0	6.5 / 13.0	11.3 / 22.6
Sound pressure level ¹⁾	dB(A)	39	44	47	47	47	53	42/53	44/53
Air flow rate	m ³ /h	190	290	500	500	500	900	700/900	700/900
Motor speed	r.p.m	1300	1300	1300	1300	1300	1300	1000/1300	1000/1300
Air temp. rise through heater	°C	29	29	28	28	28	28	36/ 28	36/28
Degree of protection		IPX4	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4
Weight	kg	5.3	5.7	6.9	6.8	6.7	10.4	11.0	11.1
Width	mm	275	275	275	275	275	350	350	350
Height	mm	340	340	340	340	340	415	415	415
Depth (incl. brackets)	mm	345	345	345	345	345	440	440	440

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

²⁾ Uniform phase loading, even at half output/reduced output.

³⁾ The fan motor is continuously in operation.

Type		BX 15E	BX 15EN	BX 20E ³⁾	BX 30E ³⁾
Power supply	V	400V3~ 50 Hz	230V3~ 50 Hz	400V3N~ 50 Hz	400V3N~ 50 Hz
Output	kW	15	15	20	30
Output steps	kW	0-7,5-15 ²⁾	0-7,5-15 ²⁾	0-10-20 ²⁾	0-20-30 ²⁾
Current	A	10,8 / 21,7	19,3/38,2	15,0/29,5	29,5/43,9
Sound pressure level ¹⁾	dB(A)	55	55	56	59
Air flow rate	m ³ /h	1000	1000	1750	2200
Motor speed	r.p.m	1300	1300	1100	1300
Air temp. rise through heater	°C	42	42	32	38
Degree of protection		IPX4	IPX4	IPX4	IPX4
Weight	kg	13.8	14,5	25	30
Width	mm	350	350	570	570
Height	mm	415	415	570	570
Depth (incl. brackets)	mm	440	440	570	610

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

²⁾ Uniform phase loading, even at half output/reduced output.

³⁾ The fan motor is continuously in operation.





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