

ELECTRIC FAN HEATERS DUCTABLE



B 18EPR / B 30EPR



RS 30 / RS 40



PATENTED PENDING

- Possible connection to a flexible tube
- Possible connection to an optional room thermostat
- Easy to move thanks to big wheels
- Extension cord as a standard (for EPR series)
- Grip for easy transport (for B 30EPR)
- No oxygen consumption
- No fumes, no odours, no humidity
- Summer-Winter switch for ventilation only
- Low noise
- Manual reset
- Motor with thermal protection
- Stainless steel heating elements
- Overheat thermostat
- Adjustable heat
- Strong and long lasting steel construction



OPTIONAL ACCESSORIES:



Extension cord
 B 18EPR - 5 m - **4511.033**
 B 18EPR - 10 m - **4511.034**
 B 30EPR - 5 m - **4511.035**
 B 30EPR - 10 m - **4511.036**
 RS 30, RS 40 - 5 m - **4210.171**
 RS 30, RS 40 - 10 m - **4210.181**

Adaptor ring kit for RS 30, RS 40
4210.180



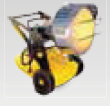



























Room thermostat TH 5 with 3 m cable
4150.105
Room thermostat TH 5 with 10 m cable
4161.967
 Range: 0-36°C, Accuracy: ± 1,5°C

Flexible tubes
 B 18EPR - Ø 305 mm - 7,6 m - **4515.553**
 B 30EPR - Ø 407 mm - 7,6 m - **4031.401**
 B 30EPR - Ø 407 mm - 15 m - **4515.551**
 RS 30, RS 40 - Ø 508 mm - 7,6 m - **4515.552**
 First 2 m (black part) are made of a material resistant to 150°C; Hose binder included

SPECIFICATIONS		B 18EPR	B 30EPR	RS 30	RS 40
Heating power	kW	9/18	15/30	15/30	20/40
	Btu/h	30.700-61.400	51.200-102.400	51.200-102.400	68.200-136.500
	kcal/h	7.740-15.480	12.900-25.800	12.900-25.800	17.200-34.400
Air displacement	m ³ /h	1.700	3.500	3.100	3.100
Power supply	V/Hz	400/50	400/50	380-400/50	380-400/50
Plug (male) from heater side		400V / 32A / 5P	400V / 63A / 5P	400V / 63A / 5P	400V / 63A / 5P
Rated current	A	26	43,5	43	58
Switch pos. 1		OFF	OFF	OFF	fan
Switch pos. 2		fan	fan	fan	13 kW
Switch pos. 3/4	kW	9/18	15/ 30	15/30	26/40
Thermostat control		optional	optional	on board	on board
Temperature range	°C	< 25	< 25	-5 - +35	-5 - +35
Protection		IP24	IP24	IP20	IP20
Packaging dimension (l x w x h)	mm	600 x 400 x 460	1050 x 600 x 820	740 x 630 x 770	870 x 630 x 770
Net / gross weight	kg	27/29,3	53/63	38/42	46/52
Pallet	pcs	16	1	6	6





HOW TO CHOOSE THE BEST HEATER FOR YOUR NEEDS

ΔT 30 °C

INFRARED HEATING		SUGGESTED HEATED AREA	AIRFLOW HEATING				SUGGESTED HEATED VOLUME					
 		   	   	   								
	Oil	Electric		Electric	Gas	Direct Oil	Indirect Oil					
kW			m ²	kW	   	  	  	   	m ³	m ³	m ³	m ³
1,5 kw	-	HALL 1500	4	2 kw	B 2EPB	-	-	-	82	38	23	16
2,4 kw	-	TS 3A	6	3,3 kw	B 3,3EPB	-	-	-	135	63	38	27
3,3 kw	-	HALL 3000	8	5 kw	B 5EPB	-	-	-	205	96	57	41
20 kw	XL 6	-	16	9 kw	B 9EPB	-	-	-	369	172	103	74
43 kw	XL 9	-	25	10 kw	-	-	B 35CED	-	410	191	115	82
				15 kw	B 15EPB	-	-	-	614	287	172	123
				16 kw	-	BLP 17M BLP 17M DC	-	-	655	306	183	131
				18 kw	B 18EPR	-	-	-	737	344	206	147
				20 kw	-	-	B 70CED	BV 77E	819	382	229	164
				22 kw	B 22EPB	-	-	-	901	420	252	180
				29 kw	-	-	B 100CED B 100CEG	-	1188	554	333	238
				30 kw	B 30EPR RS 30	-	B 130	-	1229	573	344	246
				33 kw	-	BLP 33M/ET	-	BV 110E	1351	631	378	270
				40 kw	RS 40	-	-	-	2393	764	458	327
				44 kw	-	-	B 150CED B 150CEG	-	1802	841	505	360
				47 kw	-	-	-	BV 170 E	1925	898	539	385
				48 kw	-	-	B 180	-	1966	917	550	393
				53 kw	-	BLP 53M/ET	-	-	2170	1013	608	434
				65 kw	-	-	B 230	-	2662	1242	745	532
				73 kw	-	BLP 73M/ET	-	-	2990	1395	837	598
				75 kw	-	-	-	AIR-BUS BV 310	3071	1433	860	614
				81 kw	-	-	-	BV 290E	3317	1548	929	663
				90 kw	-	-	B 300CED	-	5160	1720	1032	737
				103 kw	-	BLP 103ET	-	-	4218	1968	1181	844
				111 kw	-	-	B 360	-	4546	2121	1273	909
				134 kw	-	-	-	AIR-BUS BV 470	5488	2561	1537	1098
				220 kw	-	-	-	AIR-BUS BV 690	9010	4204	2523	1802

This chart will help you choosing the best heater for your needs. The selection can be made in two ways: you can either refer to the power required (kW column) and choose the relevant heaters or refer to the room dimension (m³ column) and choose the correct heater according to level of insulation.

This calculation is intended for a temperature increase of 30 degrees: for lower or higher increases, the result will change in proportion. Example: for a temperature increase of 10 degrees it is required only 1/3 of the power indicated in the chart.

-  K=0,5 Well insulated buildings (houses and offices)
-  K=1,5 Moderately insulated buildings (garages)
-  K=2,5 Poorly insulated buildings (old houses and cellars)
-  K=3,5 Not insulated buildings (wood or corrugated metal buildings, greenhouses)

For a finer calculation you can refer to the following formula:

$$V \times \Delta T \times K / 860 = kW$$

- V is the volume to be heated in m³
- ΔT is the difference between the existing and desired temperature in C
- K is the dispersion coefficient (from 0,5 to 3,5)

- 1 kW = 860 kcal/h
- 1 kcal/h = 3,97 Btu/h
- 1 kW = 3412 Btu/h
- 1 Btu/h = 0,252 kcal/h