

PROFESSIONAL BLOWERS

BL 4800/6800



BL 8800



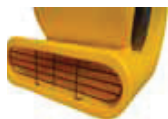
CD 5000



- Robust and durable construction
- Easy to use and transport
- High air flow
- Possibility to connect flexible ducts (except CD 5000)



CHARACTERISTICS



Flat diffuser



Durable plastic casing is corrosion resistant



Possibility to connect flexible ducts on blow out and suction site



Flexible 7,6-meter tubes

Ø205 mm - BL 4800 - 4160.251
 Ø305 mm - BL 6800 - 4031.406
 Ø407 mm - BL 8800 - 4031.402

ACCESSORIES

SPECIFICATIONS		BL 4800	BL 6800	BL 8800	CD 5000
Air displacement	m ³ /h	750	3 900	7 800	2 600
Max. air pressure	Pa	245	388	496	500
Fan type		axial	axial	axial	radial
Fan speed		1	1	1	3
Power consumption	W	250	750	750	720/735/1020
Power supply	V/Hz	220-240/50	220-240/50	220-240/50	220-240/50
Outlet dimension	mm	200	300	400	120 x 420
Air current		blow out / suction	blow out / suction	blow out / suction	blow out
Protection		IP 22	IP 22	IP 22	IP 22
Packaging dimension (l x w x h)	mm	700 x 210 x 685	510 x 400 x 525	560 x 550 x 600	520 x 430 x 500
Net / gross weight	kg	7,2	14,7	19	15
Pallet	pcs	40	16	12	16

HOW TO CHOOSE YOUR VENTILATOR

Formula for calculating recommended air displacement of the ventilator:

$$V \times k = \text{air displacement [m}^3/\text{h]}$$

$$(l \times w \times h) \times 3 = \text{m}^3/\text{h}$$

V = dimension of the room (l x w x h) in m³
 k = coefficient for air change rate 1/h

The volume of fresh air required for proper ventilation is determined by the size and the definition of the space. The table below indicates recommended the air change rates (air changes per hour) for some types of rooms and buildings:

Building / Room	Coefficient for air change rate (1/h)
Warehouse	3-6
Workshop	3-6
Galvanizing plants	20-30
Bakery	20-30
Kitchen in the restaurant	10-30

Example for workshop:

Width: 20 m
 Length: 12 m
 Height: 5 m



$$V = 20 \times 12 \times 5 = 1200$$

$$k = 6$$

Recommended ventilator $1200 \times 6 = 7200 \text{ m}^3/\text{h}$ or more

The smallest ventilator that you can use in that workshop is DF 20P with air displacement of 8.040 m³/h.

