



BHV

CABINET FANS / Forward Curved

Fan Components and Material Properties

The BHV double suction centrifugal box fan housing and fan are made of high quality galvanized steel that is resistant to corrosion. 25 mm stone wool was placed between the panels. Carcass structure is made of aluminum profile. Asynchronous motor belt pulley drive system is used. The device is capable of handling air at max.40°C.

Fan Structure

The fan blades are aerodynamically structured to provide forward flow and regular flow.

Benefits

They provide maximum efficiency with low energy. It is acoustically insulated against sound and it has

the feature of vibration-free operation. Thanks to the service cover in the construction, it provides easy intervention to maintenance and faults. Prevents unnecessary pressure losses due to the option of selecting the direction of air blowing and suction nozzles.

Speed Control

Belt pulley system is made by changing the conversion rate.

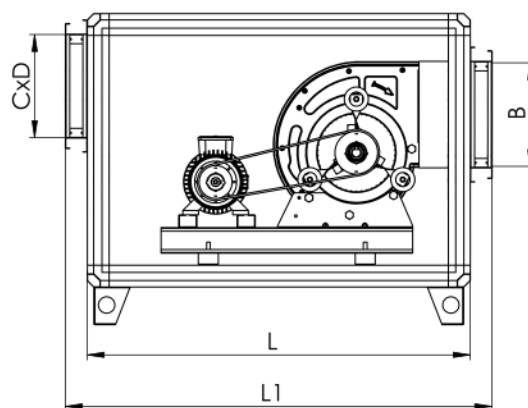
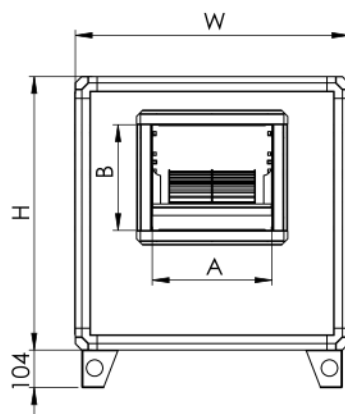
Usage Areas

Workplaces, offices, factories, hospitals, restaurants etc. used in large quantities where fresh air is required. It must be used with the filter in the exhaust vent.

*Filtered applications are optional. Please contact BVN representatives.

**Motor outside the airstream options are available.

Technical Drawing and Tables



TYPE	L	W	H	L1	A	B	C	D
BHV 7	740	500	500	780	235	205	415	230
BHV 9	800	700	600	840	295	260	615	320
BHV 10	900	700	700	940	335	290	615	330
BHV 12	1000	800	800	1040	400	335	715	380
BHV 15	1100	900	900	1140	485	408	815	430
BHV 18	1380	1040	1040	1420	560	480	955	460

Dimensions are in (mm)

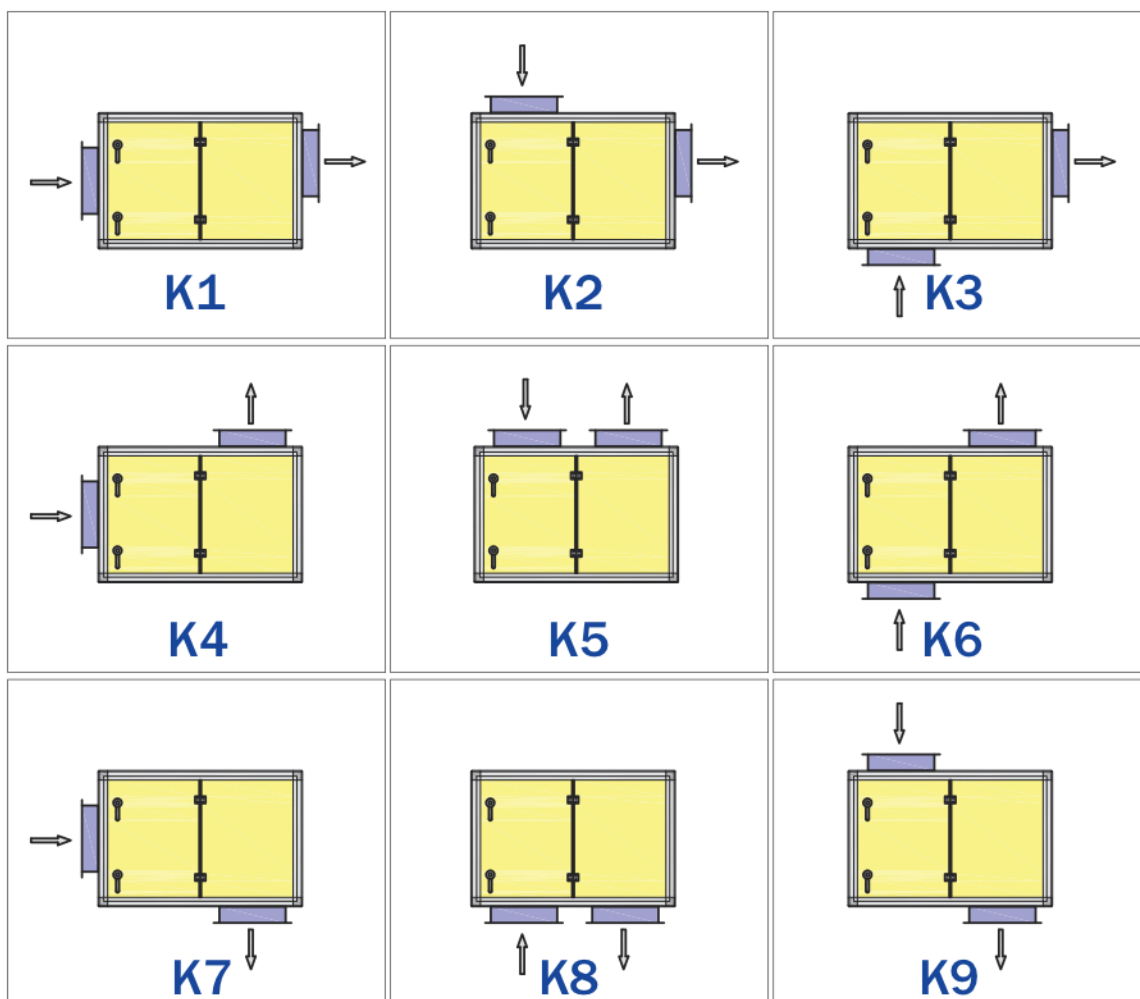
Accessories



TYPE	VOLTAGE	FREQUENCY	POWER	SPEED	AIR FLOW	PRESSURE	SOUND PRESSURE	WEIGHT
	V	Hz	kW	d/d	m ³ /h	Pa	dB(A)	kg
BHV 7-0,25	220/380	50	0,25	1150	1800	180	49	65
BHV 7-0,37	220/380	50	0,37	1400	2100	220	51	66
BHV 7-0,55	220/380	50	0,55	1520	2350	310	54	68
BHV 7-0,75	220/380	50	0,75	1680	2600	380	57	69
BHV 9-0,37	220/380	50	0,37	990	2500	250	52	75
BHV 9-0,55	220/380	50	0,55	1080	3200	280	53	76
BHV 9-0,75	220/380	50	0,75	1200	3500	300	58	77
BHV 9-1,1	220/380	50	1,1	1300	4000	350	59	80
BHV 10-0,55	220/380	50	0,55	870	3800	200	52	83
BHV 10-0,75	220/380	50	0,75	1000	4200	250	55	84
BHV 10-1,1	220/380	50	1,1	1070	4800	300	58	87
BHV 10-1,5	220/380	50	1,5	1270	5300	400	60	89
BHV 12-0,75	220/380	50	0,75	765	5000	200	53	111
BHV 12-1,1	220/380	50	1,1	920	5500	300	56	114
BHV 12-1,5	220/380	50	1,5	990	6000	350	58	115
BHV 12-2,2	220/380	50	2,2	1080	7000	400	61	120
BHV 15-0,75	220/380	50	0,75	605	6000	190	53	128
BHV 15-1,1	220/380	50	1,1	700	7000	250	55	129
BHV 15-1,5	220/380	50	1,5	765	7800	300	57	131
BHV 15-2,2	220/380	50	2,2	880	9000	400	60	135
BHV 18-1,5	220/380	50	1,5	550	10000	200	57	175
BHV 18-2,2	220/380	50	2,2	610	11000	250	57	176
BHV 18-3	220/380	50	3	690	12000	330	59	177
BHV 18-4	380	50	4	690	13000	300	62	180

Sound Level Measured from 3m distance in room condition.

VENTILATION UNIT INLET-OUTLET DIRECTION



MAINTENANCE DOOR POSITION

