



## BSH-R

### CABINET SHELTER FANS

#### Fan Components and Material Properties

The BSH-R 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. Car-cass 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

Double suction, backward curved high pressure radial type fan. The fan wheel is manufactured from high strength resistant welded steel and streamlined to provide regular flow. Thanks to the suitable aerodynamic wing structure, it works silently.

#### Benefits

Rock wool insulation provides silence. The position damper is opened and the other damper is

switched off so that the position of the device is desired and the special damper is not used during normal use times.

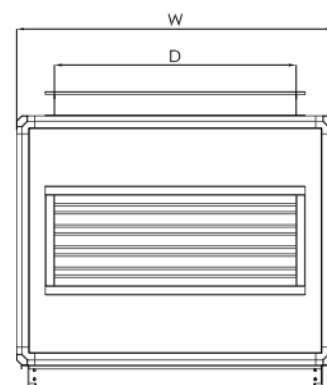
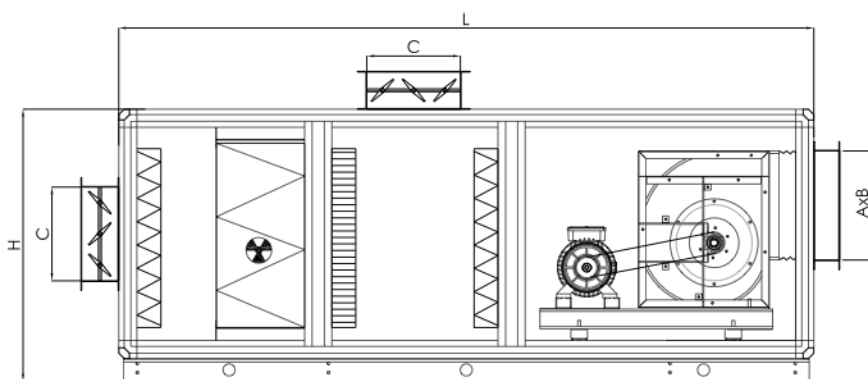
#### Speed Control

Optional control devices can be provided. Speed control can be done with linear voltage regulator in 1~phase products (see BSC accessory). Speed control with frequency inverter can be done in 3~phase products (see BSC-F accessory)

#### Usage Areas

It is used for supplying fresh air to the shelters. They can be used in two different positions: normal time and war time. In normal time, the air is passed through the G4filter only to the interior. In the time of war, fresh air; It can be sent to the interior by passing through the activated carbon filter and nuclear hepa filter which can purify the possible chemical (nuclear) gases.

### Technical Drawing and Tables



TYPE	H	W	L	A	B	C	D
BSH-R 280	825	750	1850	361	361	210	500
BSH-R 315	900	1050	2300	402	402	310	800
BSH-R 355	975	1340	2500	455	455	310	1090

Dimensions are in (mm)

TYPE	VOLTAGE	FREQUENCY	POWER	SPEED	AIR FLOW	EXTERNAL PRESSURE LOSS	INSULATION CLASS	PROTECTION CLASS
	V	Hz	kW	r.p.m	m³/h	Pa	Ins.cl.	IP
BSH-R 280-1,1	380	50	1,1	2552	2000	400	F	55
BSH-R 280-1,5	380	50	1,5	2613	3000	400	F	55
BSH-R 280-2,2	380	50	2,2	2809	4000	400	F	55
BSH-R 315-2,2	380	50	2,2	2451	5000	400	F	55
BSH-R 315-3	380	50	3	2591	6000	400	F	55
BSH-R 355-3	380	50	3	2251	7000	400	F	55
BSH-R 355-4	380	50	4	2354	8000	400	F	55

Sound Level Measured from 3m distance in room condition.

### Accessories

