

HPSH Shelter Duct Fan



Description :

HPSH Shelter ventilation units has a damper that allows air through different channels. First channel is for peace times which only has a G4 dust filter. The second channel is for war times which has G4 dust filter followed by an active carbon filter and the final filtering stage is NBC filter (Nuclear, biological and chemical fallout filter). SHU 3E has a crank which allows the unit to be used without electricity and just by manpower.

MOTOR PROTECTION CLASS	IP 44
MOTOR INSULATION CLASS	F CLASS
MOTOR EFFICIENCY CLASS	-
MOTOR ENCLOSURE TYPE	AC EXTERNAL ROTOR MOTOR
BODY MATERIAL	GALVANIZED SHEET METAL
BODY COATING	OPTIONAL
IMPELLER TYPE	BACKWARD CURVED
IMPELLER MATERIAL	ALUMINIUM SHEET METAL
DUTY CYCLE	IEC Duty Cycle-S1
WORKING AMBIENT TEMP	-20 - +50 °C
DIRECTIVE	IEC-60335-2-80, ISO 1940-1



TECHNICAL SPECIFICATIONS AND DRAWING

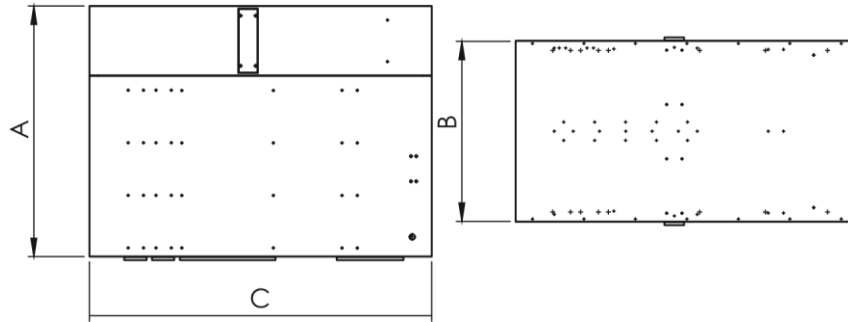
MODEL	VOLTAGE (V)	FREQUENCY (Hz)	POWER (W)	REV. (RPM)	FLOW RATE (m3/h)	SOUND PRESSURE dB(A) 3m	WEIGHT (KG)
HPSH 3	230	50	150	2.710	300	89	27
HPSH 5	230	50	150	2.680	500	91	33
HPSH 7	230	50	150	2.712	700	95	42
HPSH 9	230	50	260	2.712	900	96	65
HPSH 13	230	50	260	2.610	1.+300	99	69
HPSH 18	230	50	480	1.465	1.800	89	75
HPSH 30	230	50	640	1.420	3.000	91	85
HPSH 36	230	50	900	1.365	3.600	95	69
HPSH 43	380	50	1.430	1.370	4.300	96	75
HPSH 54	380	50	1.430	1.320	5.400	96	85
HPSH 3E	230	50	150	2.710	300	99	95

Values are for 0 Pa

OPTIONS

Description : Lead Separator and Lead Casing is optional for all HPSH models.

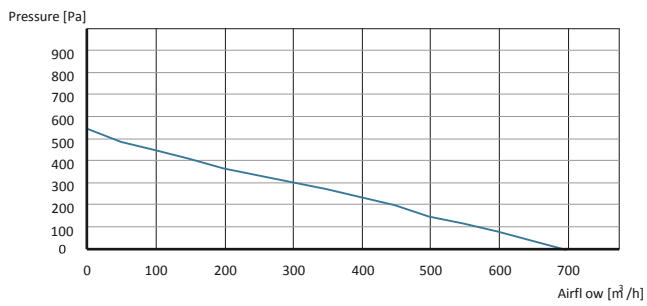
TECHNICAL DRAWING



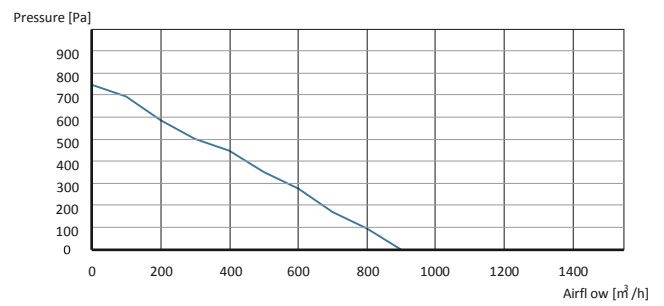
Model	Length (mm)	Width (mm)	Flow Rate (m³/h)
HPSH 3	400	300	1010
HPSH 5	500	350	1250
HPSH 7	500	350	1250
HPSH 9	500	350	1250
HPSH 13	900	350	1300
HPSH 18	900	450	1280
HPSH 30	900	650	1360
HPSH 36	900	650	1360
HPSH 43	900	650	1360
HPSH 54	1300	650	1350
HPSH 3E	600	400	1380

PSH Performance Curves

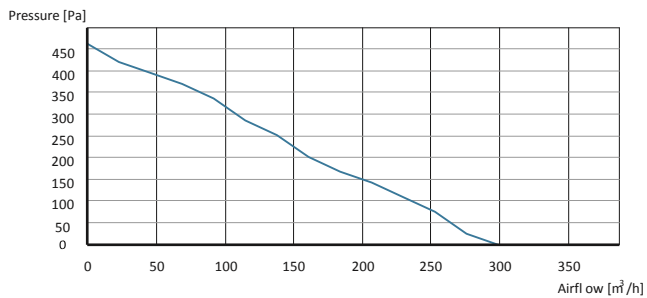
HPSH 3



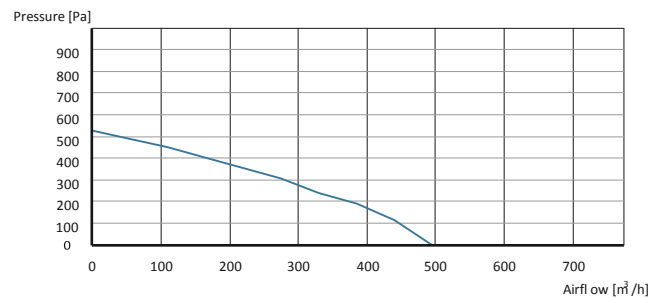
HPSH 5



HPSH 7

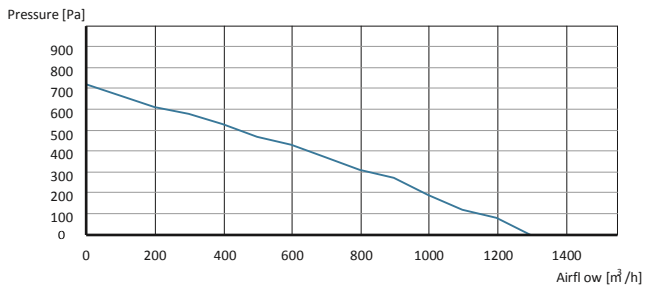


HPSH 9

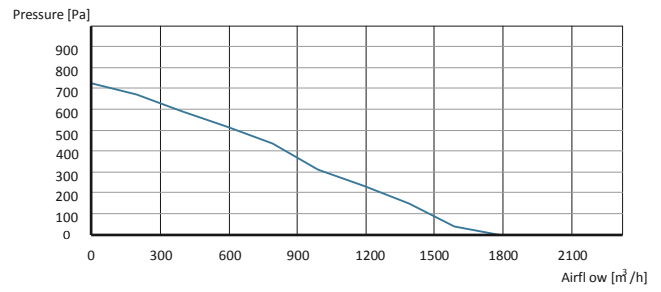


DUCT FANS

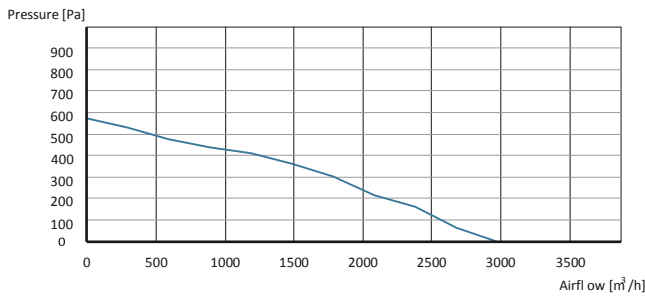
HPSH 13



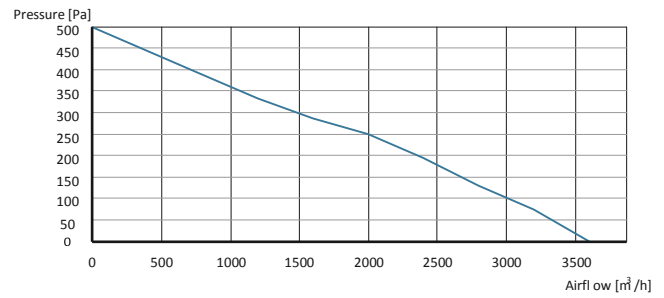
HPSH 18



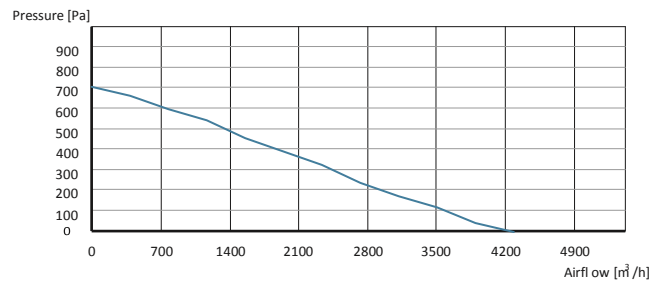
HPSH 30



HPSH 36



HPSH 43



HPSH 54

