

Ventilation

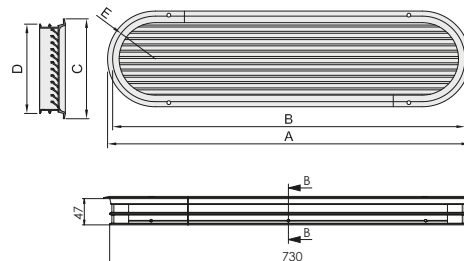
Passive ventilators

Louvred air suction vents

In addition to combustion air, an engine also requires sufficient ventilation air to dissipate the residual heat. The required volume of ventilation air is about the same as the combustion air needed which is approximately 6.1 m³ per kW (4.5 m³ per hp) per hour based on a maximum air velocity of 3 m/sec. The design of these VETUS air suction vents is based on these principles. The model numbers (see the tables below) relate to the engine horsepower for which they are suitable. So for example, a 40HP engine could use 1 x type 40, or 2 x type 20 vents.

Type ASV

This type has a polished anodised aluminium frame with grilles of anodised aluminium.

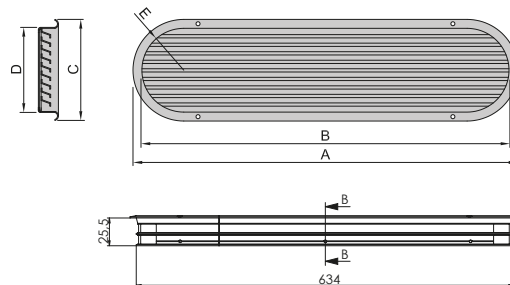


ASV

Type	A (mm)	B = Cutout (mm)	C (mm)	D = Cutout (mm)	E = Cutout radius (mm)	Free flow area (cm ²)
ASV020A	300	280	117	97	R 48,5	83
ASV025A	350	330	117	97	R 48,5	100
ASV030A	360	340	130	110	R 55	122
ASV040A	450	430	130	110	R 55	159
ASV050A	490	470	146	126	R 63	202
ASV060A	570	550	146	126	R 63	241
ASV070A	590	570	159	139	R 69,5	283
ASV080A	660	640	159	139	R 69,5	321
ASV090A	670	650	172	152	R 76	363
ASV100A	730	710	172	152	R 76	400
ASV125A	750	730	198	178	R 89	503
ASV150A	890	870	198	178	R 89	603

Type SSVL

The frame and grilles of this type are made of high gloss polished stainless steel (AISI 316).



SSVL

Type	A (mm)	B = Cutout (mm)	C (mm)	D = Cutout (mm)	E = Cutout radius (mm)	Free flow area (cm ²)
SSVL030	360	340	159	139	R 69,5	158
SSVL070	590	570	159	139	R 69,5	283
SSVL080	660	640	159	139	R 69,5	321
SSVL090	670	650	172	152	R 76	363
SSVL100	730	710	172	152	R 76	400
SSVL125	750	730	198	178	R 89	503
SSVL150	890	870	198	178	R 89	608