



DELTA WATERLOCK/SILENCER DELTA GAS/WATER SEPARATOR

Easy installation with rotating hose connections

An important advantage offered by Mastervolt is the availability of a wide range of specially designed system components such as waterlock/ silencers, exhaust gas/ water separators, battery kits for starting and all other essential parts that you need for generator installation. Most of them are offered as a complete kit, including spare parts.

Delta exhaust/ gas water separator

Our new Delta exhaust gas/water separator is an essential component of a silent and reliable wet exhaust system (cooling water injected into the exhaust). The Delta separator removes the principle cause of back pressure and stops irritating splashing noise experienced with conventional exhaust systems. The body of the Delta separator is made from a non flammable and heat resistant high tech material GRP (Glass Reinforced Polyester), fitted with multi-fit stainless steel connections, suitable for 40 or 51 mm hose diameters. The water drain connection is 40 mm for both models. Depth of the system including bracket is less than 17 cm. The Delta separator has been designed to fit in any (Whisper) generator system ranging from 3.5 up to 20 kVA.

Delta silencer/waterlock

Our new Delta silencer/waterlocks are designed for use with Whisper generators with a wet exhaust system (water injected into the exhaust). The Delta silencer systems have excellent acoustics, are non flammable, high temperature proof and designed for any generator system up to 20 kVA. The stainless hose connections are suitable for 40 or 51 mm \varnothing hoses.

Interchangeable fittings, easy assembly

The straight and angled fittings are interchangeable from one connection to another and from the separator to the waterlock. In this way an optimal routing of hoses can



be achieved. The hose should be fixed to the fitting first; the fitting can then be connected to the body in seconds.

Rotating gas outlet (separator)

The rotating gas outlet is mounted near the top which enables you to fit the through hull fitting high above the water level or even under the deck head. This prevents water collection in the hose and ensures a low and stable back pressure.

Non flammable

The Delta separator and waterlock are specially designed to resist high temperatures according to UL1129. Comparable products made of plastics can melt when cooling water is lost and the hot exhaust gas runs dry. Because of the innovative construction and very sophisticated materials used, Mastervolt has designed the most reliable separator and waterlock you can find on the market.

Exhaust kits

The Delta separator and waterlock can be supplied as a single item or in a complete kit including hose, hose clamps, naval brass through hull fittings for water and gas outlet, sea cock for the water drain and all other necessary fittings. In the specifications on the reverse you will find the part numbers for the loose items.



See our catalogue or www.mastervolt.com for a complete overview of the exhaust kits.





Exhaust accessories

Mastervolt offers a wide range of high quality installation materials. The rubber flexible exhaust hose is Lloyds and DNV S-2793 certified. Here you can find a small selection of our installation materials.

article no.	exhaust hoses
50220033	rubber exhaust hose 40 mm
50220035	rubber exhaust hose 51 mm
50221506	stainless exhaust hose for 40 mm hose
50221541	heavy duty exhaust hose clamp for 51 mm exhaust hose
article no.	stainless steel exhaust elbows
50230079	exhaust elbow 40 mm 90°
50230086	exhaust elbow 40 mm 45°
50230077	exhaust elbow 51 mm 90°
50230085	exhaust elbow 51 mm 45°

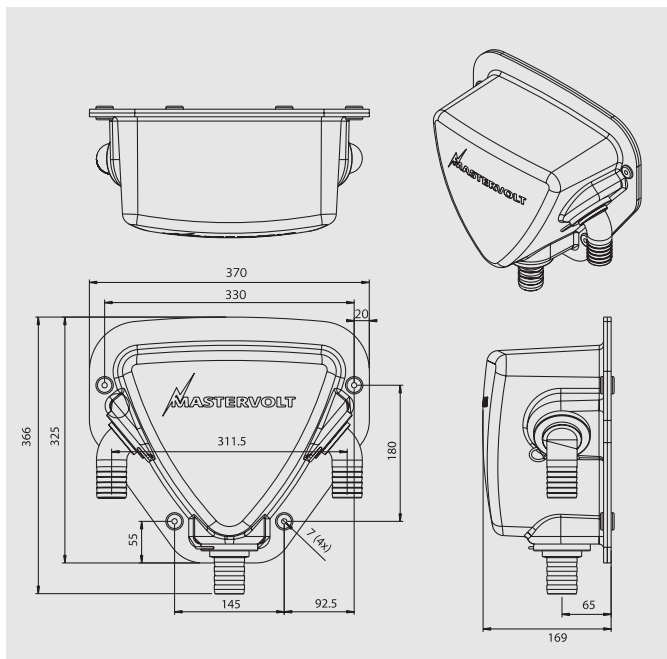
- ROTATING HOSE FITTINGS
- ULTRA SILENT
- EASY INSTALLATION
- CONFORMS TO UL1129 /ABYC
- NON FLAMMABLE
- STAINLESS STEEL FITTINGS (AISI 316)

TECHNICAL SPECIFICATIONS

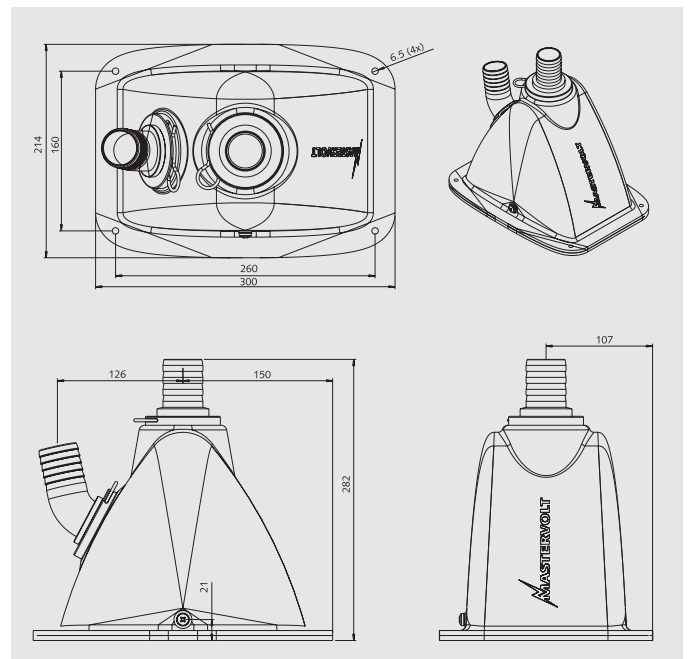
Model	gas/water separator 40 mm (1½")	gas/water separator 51 mm (2")	silencer/waterlock 40 mm (1½")	silencer/waterlock 51 mm (2")
				
Article number	50230097	50230098	50230093	50230094
Hose connection size	40-40-40 mm (1½")	51-40-51 mm (2")	40-40 mm (1½")	51-51 mm (2")
Type of connectors	2x bend, 1x straight	2x bend, 1x straight	1x bend, 1x straight	1x bend, 1x straight
Material hose connectors	stainless steel 316	stainless steel 316	stainless steel 316	stainless steel 316
Material body	glass reinforced polyester (GRP)	glass reinforced polyester (GRP)	glass reinforced polyester (GRP)	glass reinforced polyester (GRP)
For 3000 rpm Whisper models	3.5, 6, 8, 12		3.5, 6, 8, 12	
For 1500 rpm Whisper Ultra models	6, 7	8, 10, 9.5, 12, 12.5, 15, 16, 20	6, 7	8, 10, 9.5, 12, 12.5, 15, 16, 20
Max. operating temperature	70°C (158°F)	70°C (158°F)	70°C (158°F)	70°C (158°F)
Dimensions, wxdxh	370x169x366 mm incl. fittings	370x169x366 mm incl. fittings	300x214x270 mm incl. fittings	300x214x270 mm incl. fittings
Volume of water	--	--	4 litre (1 gallon)	4 litre (1 gallon)
Weight	5.2 kg (11.5 lbs)	5.2 kg (11.5 lbs)	3.5 kg (7.7 lbs)	3.5 kg (7.7 lbs)
Compliance	UL 1129 (ABYC)	UL 1129 (ABYC)	UL 1129 (ABYC)	UL 1129 (ABYC)

Available from November 2006 onwards. Specifications are subject to change without notice.

See our web page www.mastervolt.com for an extensive overview of all kinds of generator parts.



Dimensions in mm of the Delta gas/water separator.



Dimensions in mm of the Delta silencer/waterlock.