

HORIZONTAL WASTE WATER TANK BLIZZARD

CAPACITY: 40 - 60 - 80 - 100 litres

ISO 8099 NORM COMPLIANT



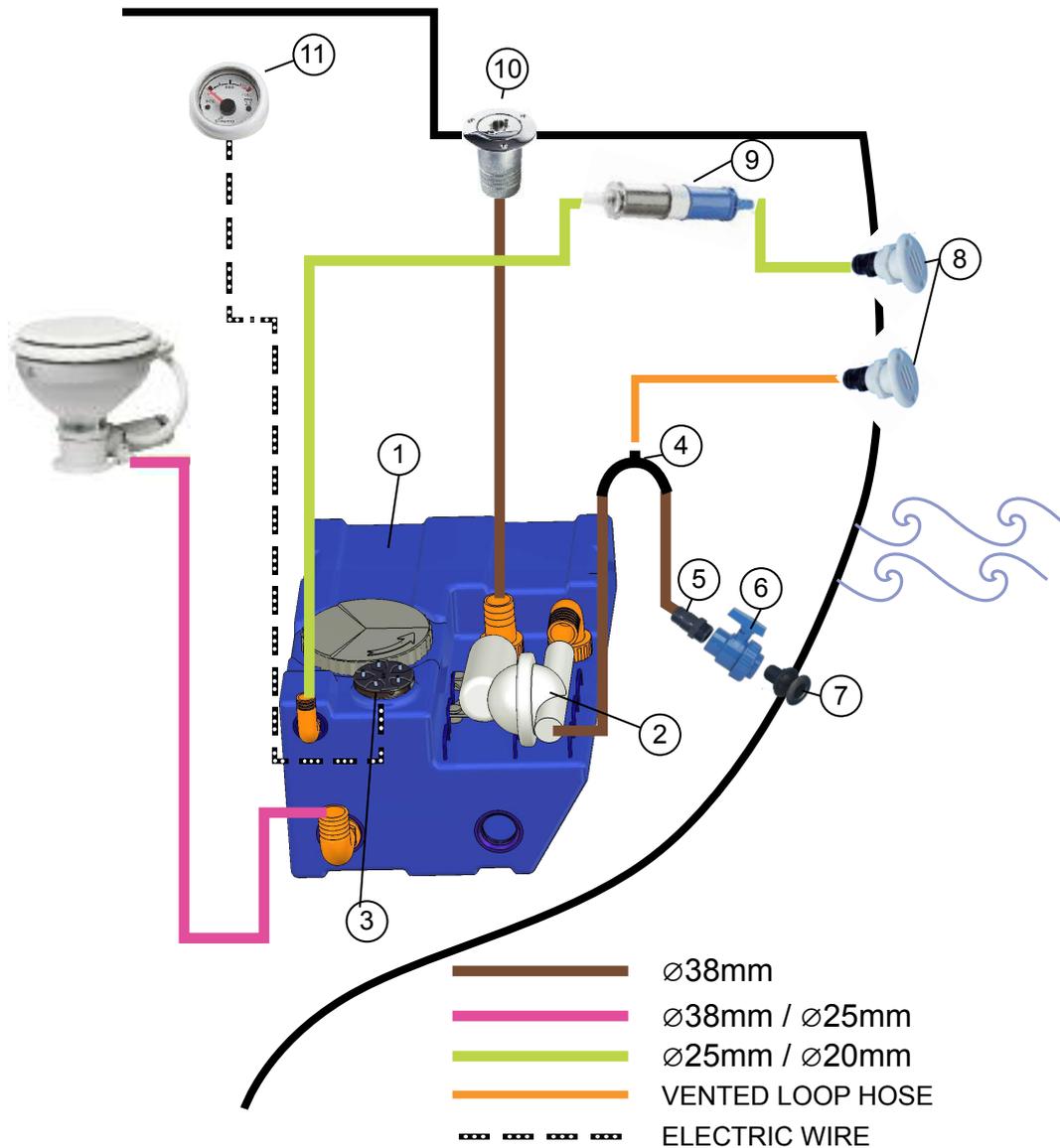
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BLIZZARD HORIZONTAL WASTE WATER TANK



INSTALLATION SCHEME



ITEM	DESCRIPTION	DESCRIZIONE
1	TANK	SERBATOIO
2	PUMP	POMPA
3	SENDER	GALLEGGIANTE
4	VENTED LOOP	SIFONE
5	HDSE ADAPTOR	RACCORDO
6	VALVE	VALVOLA
7	THRU HULL	SCARICO
8	VENT	SFIATO
9	FILTER	FILTRO ANTI-ODORE
10	DECK FILLER WC	TAPPO WC
11	GAUGE	INDICATORE DI LIVELLO

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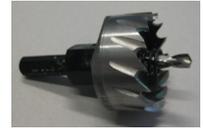


INSTALLATION

Warning! For a correct installation of the system, please refer to ISO 8099 Norm.

Drilling

The tank is supplied with all inlets closed. It is recommended to drill the necessary inlets only, by using a round cutter having a max. diameter of 42 mm. Position the cutter onto the proper drilling mark and proceed by drilling the inlet; be careful: do not heat the plastic material of the tank during drilling procedures, so as not to melt the tank or damage inlet threads*. It is recommended to proceed by drilling inlets by steps.



Art. 196943

Hose adaptors

For a perfect seal, we suggest to use Teflon tape on connector threads.



Pump housing

If using different pumps than those suggested by Nuova Rade, make sure that their shape and dimensions are compatible with the tank housing. White curved inserts onto the pump housing were conceived to fix the selected pump: cut the ones preventing pump fixing by using a cutter or cutting nippers. Remaining inserts will be used to fix the pump by using straps.



Pumps assembling

In the picture: two standard assembling by using membrane pump and macerator pump: use one of the two inlets to connect the membrane or macerator pump, while the second inlet will be used to connect the tank to the deck filler. Utilize a strap to fix the pump/macerator to the tank.



Sender assembling

The tank is supplied with a 5-holes flange (SAE-5 standard) to host a sender. We recommend to always use the suitable gasket to assure a proper seal.

WARNING! Maximum driving torque 2 Nm, irretrievable damages may be caused if exceeding.



Tank fixing

We suggest to fix the tank to the floor by using brackets supplied with adjustable straps: the tank is moulded so as to host straps on its upper part.



Art. 196942



Connections fixing

Once the tank is properly assembled and positioned into its definitive housing, you can proceed to connections: vents, waste water inlet, outlet to deck filler and electric connections to the pump and the gauge. It is advisable to use metal clamps for connections and to check them so as to result tightly fixed.

WARNING! Always use certified, anti-odour piping.



*** Warning! Any damages occurred during assembling process might compromise the correct operation of the tank.**

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USE and MAINTENANCE

Blizzard tank for waste water collection requires a correct use and maintenance in order to grant a correct and regular operation.

Following, please note some fundamental rules to be followed in the event of operation problems:

- ✓ Make sure of the filling level of the tank before using the toilet flush, so as to prevent the tank to be subject to overpressure and/or waste leakages; the tank has been studied and manufactured to support a maximum pressure of 0.2 bar.
- ✓ To optimize usage, it is advisable to fill the tank with water and then empty it before leaving and prior to returning back to the marine, so as to prevent any solidification of its contents, as well as bad smell. Use both, adequate products for marine toilets, which allow to keep the tank clean and free from residuals, and biodegradable toilet paper, suitable for marine toilets.
- ✓ Make sure that the tank is empty and clean at the end of the season and before wintering. We also suggest to maintain the sender by taking it off the tank and cleaning the stainless steel tube from any residuals. **WARNING! Be sure that the gasket is clean and integral before re-installing the sender. Nuts must be hand screwed by using a wrench at a driving torque < 2Nm, so as to avoid irretrievable damages to the tank.**
- ✓ In case the tank is equipped with macerator pump, do not operate the pump in lack of liquids as this would damage it.
- ✓ We suggest to consult the Users Manual supplied with the membrane or macerator pump before proceeding with its maintenance.
- ✓ The tank may be equipped with an optional, anti-implosion valve (Ref. xxxx). It allows to facilitate emptying procedures operated from the dock .
WARNING! Do not use dock vacuum pumps operating at a pressure higher than 0.2 bar: danger of tank breakage!
- ✓ The tank is complying with BS MA 101:1986 Standard when using one of the upper inlets, which diameter is not less than 38 mm.