

GBA MARINE CVOC INSTALLATION GUIDELINES

DN 150 VOC supply line. Connects the Swirl Absorber to the main IG line. Can be routed freely as long as the pipe has a continuous drop all the way down.

Swirl Absorber. Installed horizontally and close to the FWD pump room BHD. Preferably 1-2m above the tank top in the connected cargo tank, but in any case not above the lower third of the cargo tank.

Control- & starter cabinets. Any suitable location in the engine room, but preferably close to the electrical motor to keep the cable from the soft starter as short as possible.

DN 300 crude oil supply line. Inlet about same height as outlet from return line. Horizontal distance between inlet and outlet at least 5m. Routing as required, but with as few bends as possible to avoid unnecessary pressure drop.

Crude oil pump, electrical motor & transmission. Basically any suitable location as long as the pump is kept in the lower third of the cargo tank. Horizontal and vertical solutions available.

DN 300 crude oil return line. Must be a straight pipe with no bends from the Swirl Absorber into the cargo tank. To be kept as short as possible, but there are no problems leading the pipe through a cofferdam or slop tank before entering the crude oil tank. In this case the pipe should be equipped with expansion sleeves.

