

Description

The FIREKILL™ Automatic Nozzle Test Manifold incorporates 6 pcs OH Test Nozzles. To simplify the requirement for test of nozzles as required by IMO MSC.1/Circ. 1432 Section 7.5 where two nozzles shall be tested annually or EN12845 nozzles to be tested every 25 years. VID Fire-Kill have decided to specify 2 nozzles every 5 years for land based installations to increase the quality level and minimize the risk for non-operating systems. For marine installations, the IMO protocol should be followed.



The test manifold is a pre-fabricated unit for periodic nozzle maintenance test. The periodic test is to be conducted to assure nozzle performance. Every five (5) years a minimum of two nozzles should be removed and returned to VID Fire-Kill for a series functional testing. The quinquennial functional testing of two nozzles will take place at an ISO 17025 accredited laboratory. The laboratory should be listed to perform component testing of watermist nozzles, typically in accordance with IMO Resolution A.800(19) or similar. Only the nozzles separated from the system by valves and placed in non-significant areas/zones are to be tested. If a nozzle fails the quinquennial functional testing further steps should be taken if found necessary, depending on the cause of failure.

Technical data

General description	
Material manifold	Brass NiSn plated
Material ball valves	Stainless steel
Material pressure gauge	Stainless steel
Max number of nozzles	6 Pcs
Inlet / Outlet	1/4" BSP
Weight	5,20 Kg

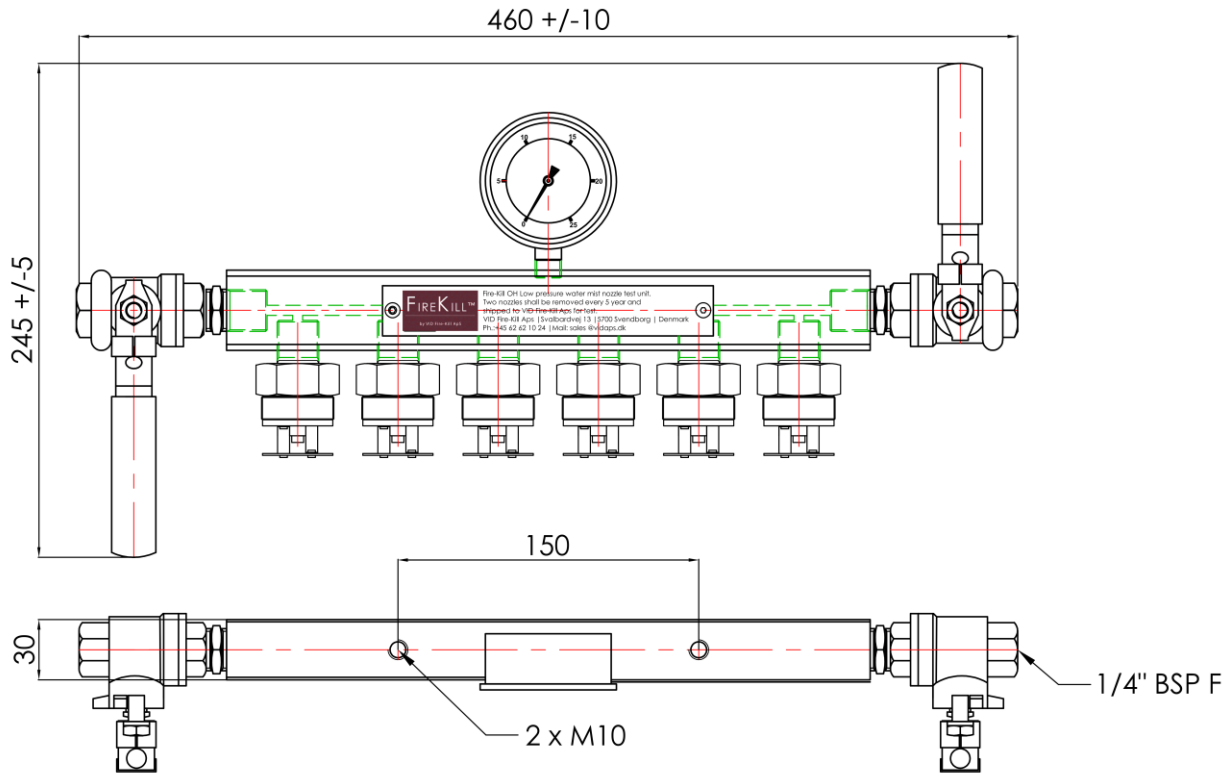
Installation

The FIRE KILL™ Automatic Nozzle Test Manifold should be installed in an easily accessible area. It should be properly fastened either using the piping which need to be properly clamped on both sides or using the two M10 holes in top. The outlet should be connected to a drain connection. The unit can also be used for venting the pipes. Make sure that the unit is completely filled with water as this is critical to be sure that the 5 year test cycle is valid. When the unit is properly fastened and filled with water, close the outlet valve. Check for leakages.

Care and Maintenance

Prior to removing two nozzles after 5 years close the inlet valve, open the outlet valve to depressurise the unit. Remove two nozzles and plug the outlets with a 1/2" BSP Plug. The removal should be done using the OH-S36 spanner. The two nozzles should be sent to VID Fire-Kill which will test the nozzles in an ISO 17025 accredited test laboratory. VID Fire-Kill will deliver two new test nozzles in return.

Dimension



Contact

For further information on FIRE KILL™ products, please contact our sales department at Sales@vidaps.dk