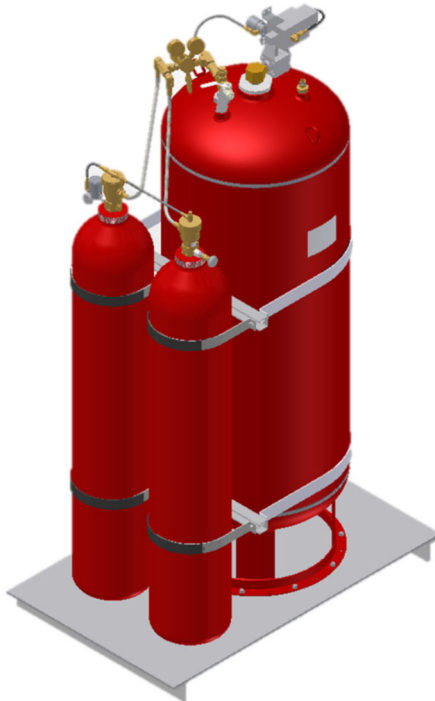


MICROMIST® SYSTEM SKIDS



70 Gallon (265 Liter) Micromist Skid



112 Gallon (424 Liter) Micromist Skid

General

The Fike Micromist skids are FM Approved as a component of an FM Approved Micromist system for total-compartment protection of machinery spaces and gas turbine spaces. The skids are available in two sizes. The 70-gallon (265 liter) skid consists of a single nitrogen supply cylinder and a single water storage container. The 112-gallon (424 liter) skid consists of two nitrogen supply cylinders and one water storage container. The water storage container and the nitrogen supply cylinder(s) are factory assembled and secured to a custom mounting base. The base design and dimensions allow the skid to be easily transported with a fork-lift.

Features

- Skids are sized to provide 10 minutes of active protection for Machinery or Gas Turbine applications.
- Suitable ambient installation temperature range from +40°F to +325°F (+4.4°C to +162.7°C).
- Rupture disc assembly that will rupture if the pressure inside the water container exceeds 500 psig (34 barg).
- Drain/fill valve to allow filling of the water container.
- In-line water filter to prevent contaminants from getting into the container when filling.
- ½" (15 mm) male hose adapter that allows a standard garden hose to be connected to the fill valve assembly for container filling.
- Nitrogen cylinders are fitted with a custom forged brass valve.
- Nitrogen cylinder and water storage container valves are activated simultaneously via 12 VDC solenoids.
- Nitrogen cylinder is fitted with a pressure gauge to monitor cylinders internal pressure. Can be ordered with optional pressure switch.
- Skid actuation components are shipped separately and must be field installed.

Approvals

Factory Mutual (FM)

For exact certification listings, please reference the respective agency web site.

This document is only intended to be a guideline and is not applicable to all situations. Information is subject to Fike's full disclaimer at <http://www.fike.com/disclaimer>.

Ordering Information

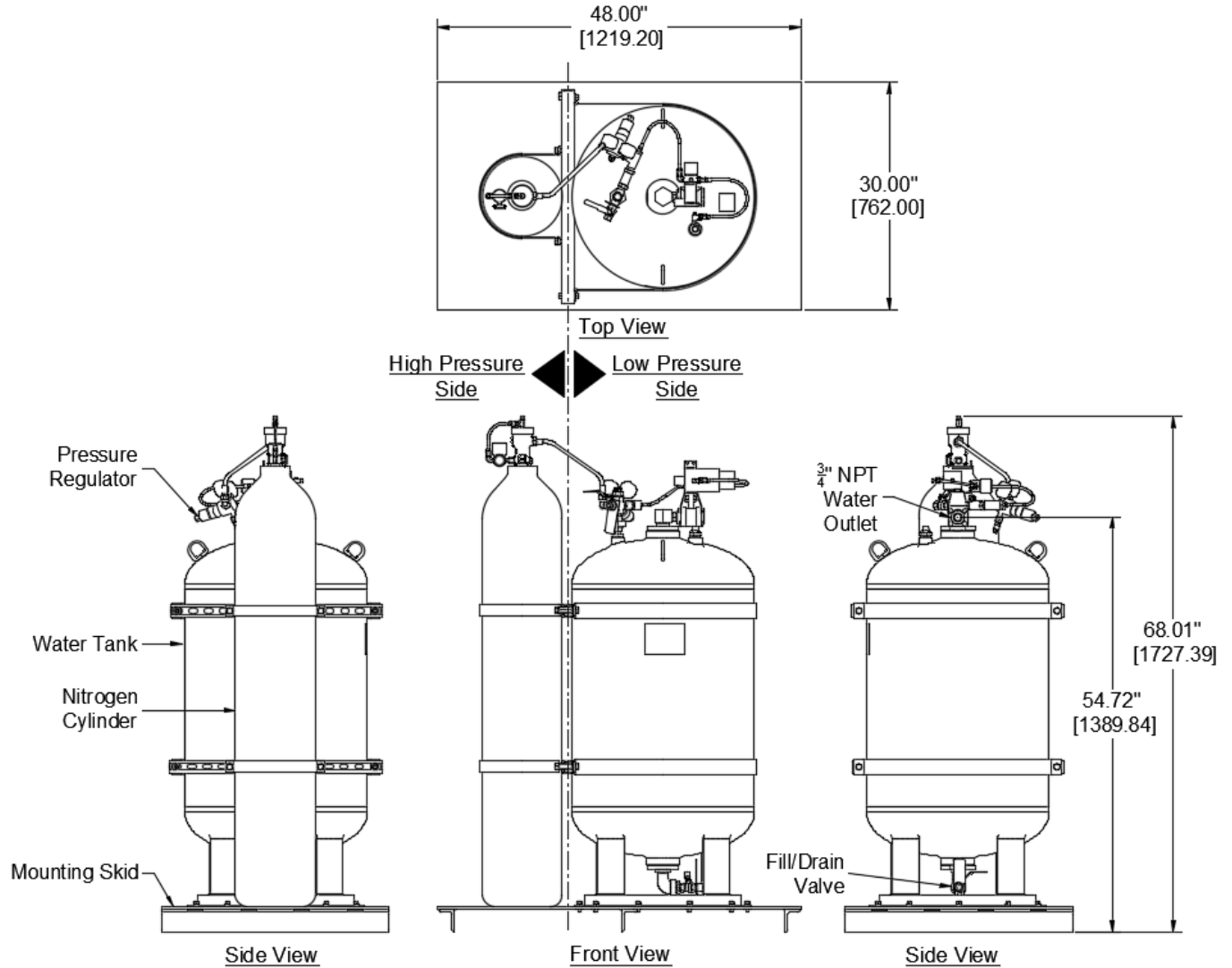
Part Number	Description
73-010	70 gal (267 L) skid with pressure gauge
73-011	112 gal (423 L) skid with pressure gauge
73-001	70 gal (267 L) skid with pressure gauge and low pressure switch
73-002	112 gal (423 L) skid with pressure gauge and low pressure switch

Specifications

Water Storage Container	
Material:	Welded carbon steel, 0.302 thk.
Specification:	DOT4BW-500
Internal Volume:	70 gal. = 16,299 cubic inches nominal
	112 ga. = 25,820 cubic inches nominal
Exterior Finish:	Red gloss baked polyurethane (RAL-3001)
Interior Finish:	Expoy coated
Water Storage Container Valve	
Material:	Brass
Water Outlet Size:	¾ in. female NPT
Actuation:	12 VDC solenoid (<i>connected in series with nitrogen valve solenoid</i>)
Solenoid Current:	0.42 amps @ 24 VDC
Nitrogen Cylinder	
Material:	Carbon steel
Specification:	DOT3AA-2300
Internal Volume:	4079 cubic inches (66.7 L)
Charge Pressure:	1,850 – 1,980 psig (128 - 136 barg)
Exterior Finish:	Red semi-gloss paint (RAL-3001)
Tare Weight:	187 lbs. (85 kg)
Nitrogen Cylinder Valve	
Material:	Brass
Actuation:	12 VDC solenoid (<i>connected in series with water valve solenoid</i>)
Solenoid Current:	0.42 amps @ 24 VDC
Skid Mounting Base	
Material:	Welded carbon steel plate, 0.375 thk.
Finish:	Red semi-gloss paint (RAL-3001)

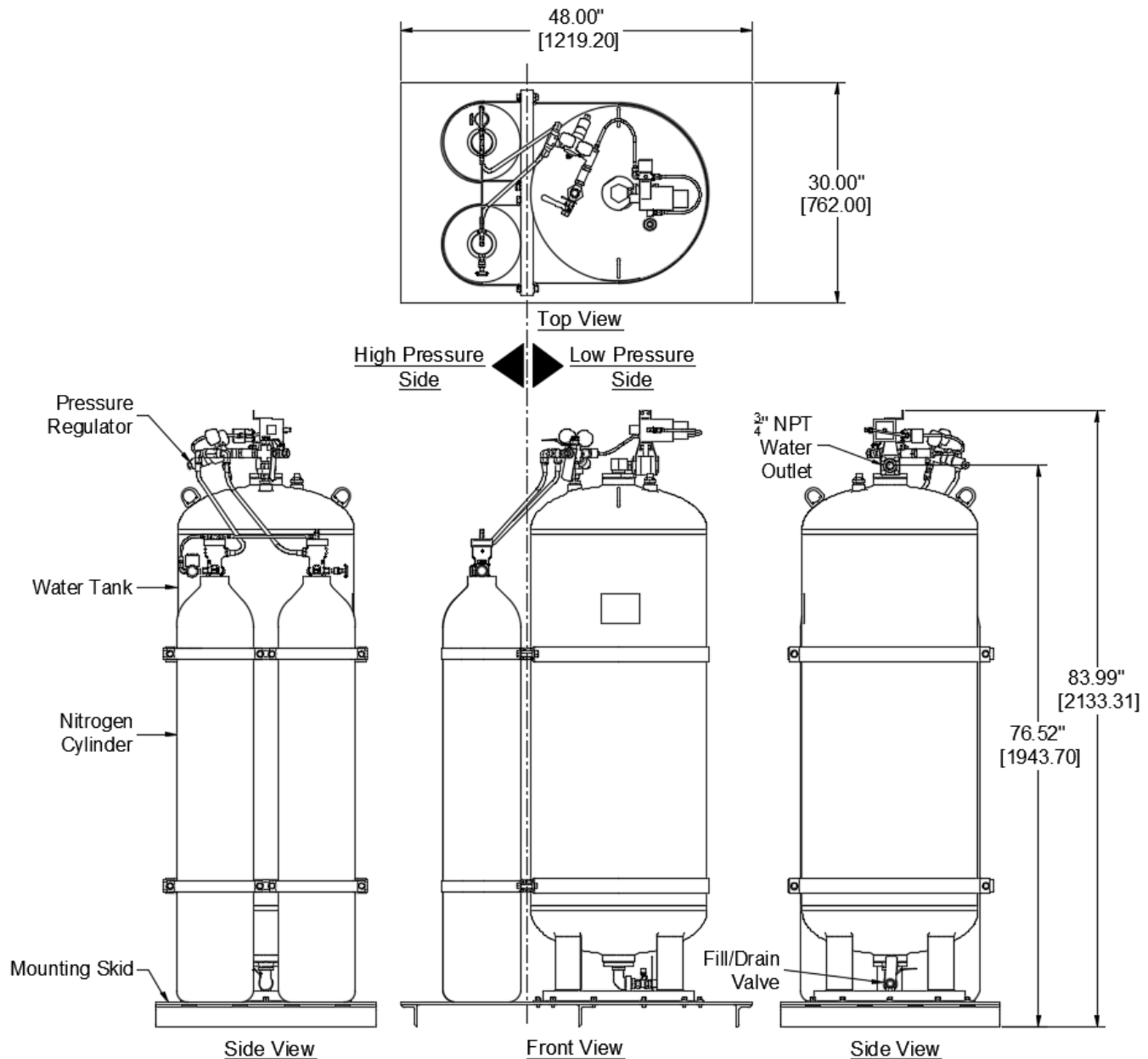
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70 Gallon (265 Liter) Micromist Skid Dimensions



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112 Gallon (424 Liter) Micromist Skid Dimensions



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