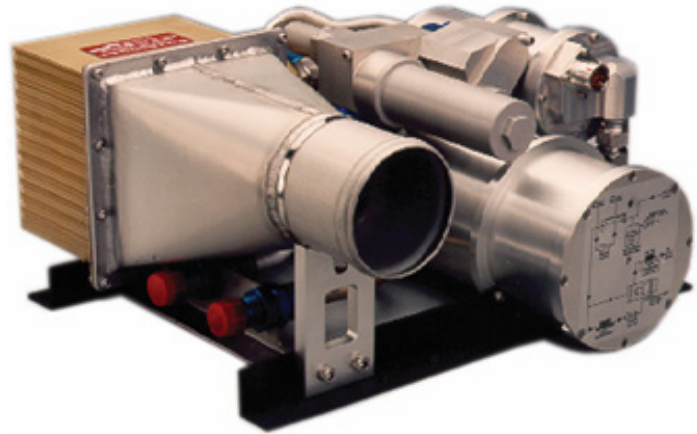


TRANSMITTER COOLING UNIT

Model 2367



Product description

The Model No. 2367 is a complete liquid cooling system for an airborne transmitter. The unit delivers 3.1 kW to ram air. It contains a positive displacement pump assembly, bypass relief valve, accumulator assembly, thermal relief valve, liquid-to-air heat exchanger, thermal bypass and check valves.

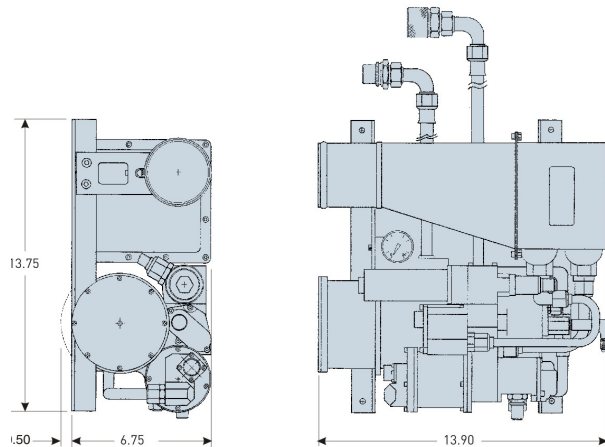
The unit is fully qualified for a wide variety of cooling requirements.

Key features and benefits

- Delivers 3.1 kW to ram air
- Qualified for a wide variety of cooling requirements

Applications

- Wide variety of cooling requirements



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TRANSMITTER COOLING UNIT

Model 2367

Specifications	
Fluid	PAO
System assembly	
Pump type	Positive displacement gear pump
Fluid flow rate	3.0 gpm
Fluid discharge pressure	120.0 psid
Fluid inlet pressure	5.0 psig
Input voltage	115/200 vac, 3 ϕ , 400 Hz, wye-connected, 4-wire induction
Motor type	Induction
Power consumption	530 watts max
Current drain	1.5 amps/phase
Fluid temperature	158°F
Valve, bypass relief	Bypass 3.0 gpm by 100.0 psid
Accumulator volume	0 in ³ at 1.0 psig, 75.5 in ³ at 15.0 psig
Accumulator Type	Rolling diaphragm
Valve type	Thermal bypass; flow is diverted around the heat exchanger below 100°F and through the heat exchanger by 125°F
Pressure indicator type	Switch, differential pressure; normally closed, open at 10.0 psig
Heat exchanger	
Type	Plate-fin
Cooling media	Liquid/air
Heat load	3300 watts
Inlet air temperature	Max 95°F
Outlet fluid temperature	Max 158°F
Air flow	17.2 lbs/min
Fluid flow	3.0 gpm
Fluid pressure drop	5.0 psid max
Filter rating	5 micron absolute
Fluid charging manifold fittings	6 quick disconnect, AN815-6 Union
Materials	Aluminum alloy or 300 series stainless steel, fluorosilicone in contact with fluid
Weight	24.0 lbs



Note: Due to continuous process improvement, specifications are subject to change without notice. TCO Review # 125