



VISCON[®] HP

Fluid Heaters



*Viscon HP model
number shown: 245867
(for non-hazardous locations)*



*Viscon HP model
number shown: 245848
(for hazardous locations)*

High Output Fluid Heaters

Features

- Stainless steel design
- Pressure rating of 7250 psi (500 bar, 50 MPa)
- Increased heating capacity and accurate temperature control
- 7/16 in (11 mm) diameter fluid passages

Benefits

- Resists corrosion; compatible with most materials
- Higher pressure for use with most pumps
- Maintains consistent temperature and fluid viscosity for uniform applications
- Improves flow and reduces pressure drop - excellent for high solids coatings

Typical Applications

- Shipbuilding
- Marine and offshore corrosion protection
- Railcar manufacturing and repair
- Container manufacturing
- Structural steel coatings
- Tank and pipe coatings and linings
- Floor coatings
- Processing plants

Typical Materials

- High solids coatings
- Epoxy primers and coatings
- Urethane coatings
- Waterborne coatings
- Paints and stains
- Sealants and adhesives
- Lubricants

Technical Specifications

Maximum fluid working pressure	7250 psi (500 bar, 50 MPa)
Fluid Passage Area	182 in ² (117 mm ²)
Fluid Passage Diameter	0.44 in (11 mm)
Fluid Passage Length	133 in (3.4 m)
Thermometer Range	64-250° F (-18-121° C)
Wetted Parts	Stainless steel
Temperature Operating Range	84-219° F (-29-104° C)
Surface Temperature Code*	T2 482° F (250° C)
Weight	39 lbs (17.6 kg)
Instruction Manual	309524

*Indicates a maximum external (surface) temperature rating in accordance with EN50014, Article 4. Read and comply with the requirements of these and similar codes as to proper location of the heater.

Ordering Information

Hazardous Location Fluid Heaters, Series A

245848	120 VAC single phase, 2300 watts, 19.2 amps
245862	200 VAC single phase, 4000 watts, 20 amps
245863	240 VAC single phase, 4000 watts, 16.7 amps
246254	380 VAC single phase, 4000 watts, 10.5 amps
245864	480 VAC single phase, 4000 watts, 8.3 amps

Non-Hazardous Location Fluid Heaters, Series A

245867	120 VAC single phase, 2300 watts, 19.2 amps
245868	200 VAC single phase, 4000 watts, 20 amps
245869	240 VAC single phase, 4000 watts, 16.7 amps
246276	380 VAC single phase, 4000 watts, 10.5 amps
245870	480 VAC single phase, 4000 watts, 8.3 amps

Note: Select heater according to local electrical and hazardous location requirements.

Accessories

246302	Heater Conversion Kit Includes two (2) fittings to make Viscon HP ports match Viscon2
192585	Mounting Bracket European version
183982	Mounting Bracket US version
183484	Clamp Order 2 for cart bracket
183485	Mounting Bar Order 2 for cart bracket
110160	Power Cord Set 600 V, 12 Awg, extra hard usage Type ST, high temperature rated to 221° F (105° C)
223688	Alternator Bearing Repair Kit Includes two bearings and a fan
110009	Thermal Lubricant 0.23 oz (6.5 g) tube
246303	Cable Clamp Kit Contains a strain relief cable clamp and 197 in (5 m) cable Rated to 221° F (105° C)

All written and visual data contained in this document are based on the latest product information available at the time of publication. Graco reserves the right to make changes at any time without notice.



Call today for product information or to request a demonstration.

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