

FLUID HEATERS

Graco Vis-con² heaters offer you the best fluid temperature control of any stainless steel heater on the market. Use them with virtually any coating, sealant, adhesive or lubricant. Vis-con² heaters can help you achieve consistent coverage while reducing material waste. The original Vis-con aluminum heater models are also available.

- Available in 120V, 240V and 480V.
- Temperature ranges from 85-250°F (29-121°C).
- Fluid pressure from 0-4000 psi (0-276 bar) (0-27.6 MPa).
- Stainless steel and aluminum models.

Vis-con² Stainless Steel Fluid Heaters

Consistent fluid control. Helps maintain uniform viscosity for steady flow rate, reduced operating pressures, and less overspray in critical applications.

Explosion-proof Class 1, Division 1, Group D. Model 222-307 is Ex de 11B T2 (250°C).

Part No.	Voltage
• Model 220-522	120 VAC, single phase, 16.7 amp
• Model 220-523	240 VAC, single phase, 9.6 amp
• Model 220-524	480 VAC, single phase, 4.8 amp
• Model 222-307	240 VAC, single phase, 9.6 amp
Heating element wattage	
Model 220-522	2000 watts
Models 220-523, 220-524 & 222-307	2300 watts
Fluid passage area 200 in. ² (508 cm ²)	
Fluid passage	
Diameter	0.38 in. (9.7 mm)
Length	164 in. (417 cm)
Maximum working pressure	4000 psi (276 bar) (27.6 MPa)
Thermometer range	0-250°F (0-121°C)
Temperature operating range	85-220°F (29-104°C)
Surface temperature code	T3 (392°F) (200°C)
Surface temperature code, Model 222-307	T2 (250°C)
Inlet	1/2 npt(f)
Outlet	3/8 npt(f)
Electrical Inlet	3/4 npt(f)
Electrical Inlet, Model 222-307	3/4 npt(f) x Pg 16
Dimensions (H x W x D)	18 in. x 10.5 in. x 8.5 in. (46 cm x 27 cm x 22 cm)
Wetted parts	stainless steel
Weight	39 lb. (17.6 kg)
Instruction manual	307-805
Instruction manual, Model 222-307	307-914

Optional Mounting Bracket

Part No.	Description
183-982	Wall bracket
183-484	Cart clamp, 2 each
183-485	Cart bar, 2 each
222-219	120V light kit, explosion-proof
222-220	240V light kit, explosion-proof
110-160	Power cord set 600V, 3 wire, 12 AWG high temperature (105°C), North America only

- **Waterborne compatible**

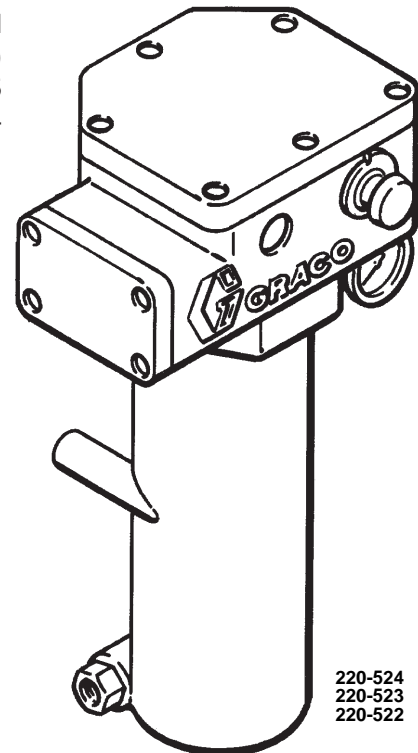


Model 222-307



**Factory
Mutual
System**

Approved



220-524
220-523
220-522

Original Vis-con

Aluminum Fluid Heaters

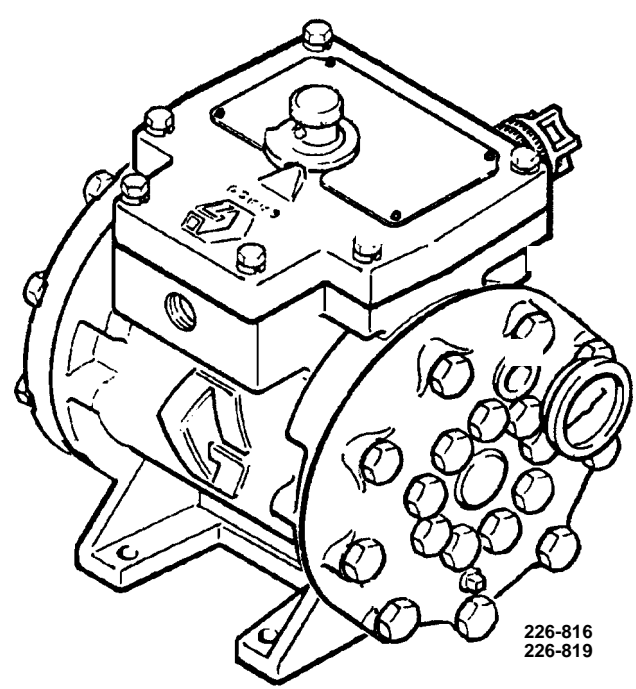
For use in hazardous locations. Offers consistent fluid viscosity control with a variety of materials.

Part No.	Voltage
Model 226-816.....	120 VAC, single phase, 18 amp
Model 226-819.....	240 VAC, single phase, 9 amp
Explosion proof.....	Class 1, Division 1, Group D, Hazardous Location
Heating element wattage.....	2100 watts
Fluid passage area.....	254 in. ² (645 cm ²)
Heat transfer.....	8 watts/in ²
Fluid passage	
Diameter.....	0.56 in. (1.4 cm)
Length.....	12 ft. (3.7 m)
Maximum working pressure.....	3000 psi (207 bar) (20.7 MPa)
Thermometer range.....	0-250°F (0-121°C)
Temperature Operating Range.....	80-190°F (26-88°C)
Inlet.....	½ npt(f)
Outlet.....	½ npt(f)
Electrical Inlet.....	½ npt(f)
Dimensions (H x W x D) ...	10.5 in. x 10.9 in. x 7.5 in. (27 cm x 28 cm x 19 cm)
Wetted parts.....	* aluminum
Weight.....	37.5 lb. (17 kg)
Instruction manual.....	307-363

* **Warning:** Never use 1,1,1 - trichloroethane, methylene chloride, other halogenated hydrocarbon solvents or fluids containing such solvents in this equipment. Such use could result in a serious chemical reaction, with the possibility of explosion, which could cause death, serious bodily injury and/or substantial property damage. Consult your fluid suppliers to ensure that the fluids being used are compatible with aluminum and zinc parts.



COMPONENTS



Notes