

Viscon™ HF

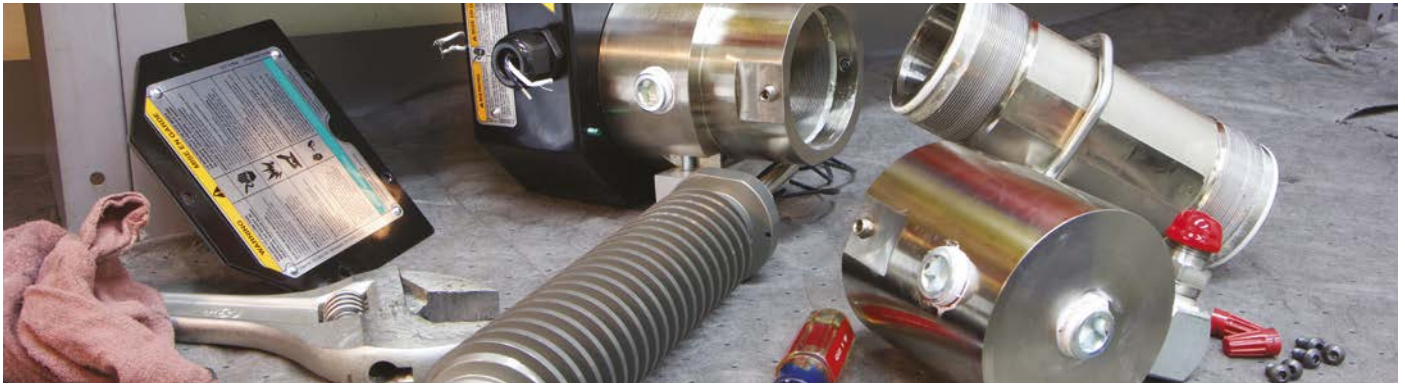
High Flow Fluid Heaters



Heater maintenance has never been this easy

- Improved production times
- Can be customised to your application requirements
- Ideal for high-solids coatings
- Efficient and powerful

Heater maintenance has never been this easy



The Viscon HF is designed for easy cleaning, enabling you to clear plugs and perform maintenance in-house. In other words, there is no need for service calls. The Viscon HF is easy to disassemble and features replaceable heat rods.

Can be customised to your application needs

- Available in manual thermostat or externally controlled versions
- “Set and forget” digital temperature maintenance when used with external controls
- Inlet can be positioned to face the front, back, sides or bottom of the unit
- Outlet can be positioned on left or right side of the unit
- Viscon HF can be installed in the same places as a Viscon HP (backwards compatible)

Improved production times

- Spiral passages provide three times the flow rate of existing Viscon heaters and increase the internal heated contact area
- Speeds up preheating times for highly viscous materials, thereby enabling the job to be started more quickly

Excellent for high-solids coatings

- Improves flow and reduces pressure drop
- Ideal for protective coating materials

Efficient and powerful

- Supports high production rates
- Rapid warming cycle improves uptime
- 5400 watts of power



Complete Viscon HF heater with manual thermostat control. Shown: explosive atmosphere heater.



Externally controlled Viscon HF heater. Shown: non-explosive atmosphere heater.

Applications

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

Materials

- High-solids coatings
- Epoxy primers and coatings
- Epoxy intumescent coatings
- Urethane coatings
- Waterborne coatings
- Adhesives and sealants
- Paints and tints
- Lubricants
- Fireproofing

Technical Specifications

Maximum fluid working pressure	500 bar (7250 psi, 50 MPa)
Energy consumption	240 V (5400 Watts, 1-ph)
Fluid passage heat transfer area	1355 cm ² (210 in ²)
Fluid passage dimensions (three parallel paths)	Height: 10 mm (0.41 in) Width: 8 mm (0.32 in) Length: 8 x 122 cm (3 x 48 in)
Fluid connections	3/4 npt (f) with adapters down to 1/2 npt (m)
Fluid passage equivalent diameter	18 mm (0.72 in)
Thermometer range (models 24P016 and 24W248)	18 - 121°C (64 - 250°F)
Wetted parts	Stainless Steel, Anodized Aluminum, Electroless Nickel-Plated Steel, PTFE
Temperature operating range	29 - 104°C (84 - 219°F)
Weight (non-explosive atmosphere heaters)	23 kg (51 lb)
Weight (explosive atmosphere heaters)	32 kg (70 lb)
RTD (models 262853 and 24W612)	1000 ohm, class B, 3-wire Connector: M8, 4-pin male
Instruction manual	3A2954

Ordering Information

Series C

Thermostat-controlled heaters: 240 VAC 1-ph, 5400 watts, 22.5 amps. Includes manual thermostat, overheating cutout switch, temperature gauge and pilot light. Requires a power source only.

[24P016](#) Viscon HF, thermostat-controlled for non-explosive atmosphere locations

[24W248](#) Viscon HF, thermostat-controlled for explosive atmosphere locations

Externally controlled heaters. 240 VAC 1-ph, 5400 watts, 22.5 amps. Works via digital control and some Graco products with embedded control. Includes outlet manifold, overheating temperature outlet switch, 1000-ohm RTD sensor and pilot light. Requires power source, external controller and power switching.

[262853](#) Viscon HF, externally controlled for non-explosive atmosphere locations

[24W612](#) Viscon HF, externally controlled for explosive atmosphere locations



ABOUT GRACO

Founded in 1926, Graco is a world leader in fluid handling systems and components. Graco products move, measure, control, dispense and apply a wide range of fluids and viscous materials used in vehicle lubrication, commercial and industrial settings.

The company's success is based on its unwavering commitment to technical excellence, world-class manufacturing and unparalleled customer service. Working closely with qualified distributors, Graco offers systems, products and technology that set the quality standard in a wide range of fluid handling solutions. Graco provides equipment for spray finishing, protective coating, paint circulation, lubrication, and dispensing sealants and adhesives, along with power application equipment for the contractor industry. Graco's ongoing investment in fluid management and control will continue to provide innovative solutions to a diverse global market.

GRACO LOCATIONS

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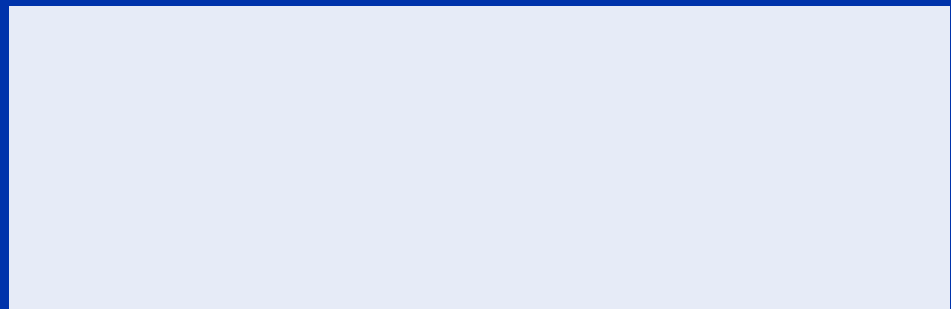
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All written and visual data contained in this document is based on the latest product information available at the time of publication. Graco reserves the right to make changes at any time without notice.

Graco is certified ISO 9001.



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