

Model NH-4 Fluid Heater

High-pressure fluid heater for improved painting efficiency and quality.

Features and Benefits

- **Simple design** — adjustable thermostat makes temperature setting simple and a read-out thermometer provides constant monitoring of fluid temperature.
- **Increased capacity** — multiple heaters can be installed in series or parallel configuration for increased heating/flow capacity.
- **Minimum pressure loss** — twin passage NH-4 heater minimizes pressure loss in high-flow/high-viscosity applications.
- **Safe operation** — NH-4 heater is explosion-proof and includes a high-temperature limiter for maximum operating safety. No external contactors are required.
- **Easy field repair** — cartridge heater, adjustable thermostat and high-temperature limiter can be replaced in minutes without special tools.
- **Uniform, efficient heating** — high-fluid velocity and the low-watt density of the heat transfer surface provide consistent, efficient heating.
- **Corrosion resistance** — stainless-steel NH-4 heaters are available for corrosive or sanitary applications.
- **Safety agency approvals** — FM, CSA, SEV, RIIS, BASEEFA, ATEX/CE.

Nordson heated airless and air spray systems utilize the single-passage Nordson model NH-4 fluid heater to reduce the viscosity of coating materials and increase operating efficiency — without adding solvents. The NH-4 heater is also available in twin passage models for high-viscosity coatings, high-flow applications, or stainless-steel models for corrosive materials. It can be wall mounted or dolly mounted using the integral mounting bracket.



Benefits of Heated Coatings

- Increased film build per pass for improved part coverage.
- Improved finish quality by minimizing blushing, orange peel, pinholing and dry spray.
- Reduced VOC emissions due to lower solvent usage.
- Reduced component wear and maintenance costs due to lower operating air and fluid pressures.



