

H & V SERIES

COMMERCIAL-INDUSTRIAL STAINLESS STEEL UNIT HEATERS



FEATURES:

- Stainless Steel Casing
- Heresite Coated Coil
- Totally Enclosed Motor

BENEFITS:

- Extended Life
- Corrosion Resistant
- Additional Protection

EngA®

ENGINEERED AIR®

IS CLEANLINESS A CONCERN?

Engineered Air manufactures the complete line of Horizontal and Vertical Unit Heaters in minimum **18 gauge (1.3mm) 304 Stainless Steel** with **Heresite** coated coils and **Totally Enclosed** motors. The **Stainless Steel Unit Heater** is more than just great looks!

Forestry / Pulp & Paper / Petrochemical – The Stainless Steel Horizontal and Vertical Unit Heaters meet a demand in the industry for corrosion resistant products.

Pharmaceutical – Built to meet the cleanliness requirements of this industry.

Wash Facilities – Wash areas are one of the most corrosive environments, but are often forgotten when it comes to material selection.

Livestock / Zoos / Research – Surprisingly corrosive! Another great application for a Stainless Steel Unit Heater.

Typical Unit Heater Specification:

1. Horizontal: Casings shall be constructed of minimum 18 gauge (1.3mm) 304 stainless steel and shall have two integral 3/8" (10mm) threaded hanger connections. Provide four way adjustable louvred diffuser, factory mounted on each unit.

Vertical: Casings shall be constructed of minimum 18 gauge (1.3mm) for sizes V-1SS and V-2SS, 16 gauge (1.5mm) for sizes V-3SS to V-6SS and 14 gauge (1.9mm) for sizes V-7SS to V-12SS, 304 stainless steel and shall have four integral 3/8" (10mm) threaded hanger connections. Provide louvre cone diffusers.

2. Coils shall be **Heresite** coated copper (____steel) tube with rippled aluminum fins. Headers include steel MPT pipe connections (____copper tube with sweat, MPT, FPT or flanged connections). Coils to be factory tested with air at 300 psig (2070kPa).

IS CORROSION A PROBLEM?

3. Fans shall be aluminum (____epoxy coated) blade type, dynamically balanced and direct connected to motor shaft.

4. **Horizontal:** Motors shall be 120V/1/60 totally enclosed permanent split capacitor type and incorporate sleeve bearings and automatic reset overload protection. H-1SS through H-4SS use 1/6 HP (0.124 kW), 2.0 amps 1625 RPM, size H-5SS through H-7SS motors are 1/6 HP (.124 kW), 3.0 amps 1075 RPM, H-8SS uses a 1/4 HP (.19 kW), 4.1 amps 1075 RPM and H-9SS through H-11SS use 1/2 HP (.37 kW), 8.0 amps 1140 RPM motors. Optional explosion proof motors: H-1SS through H-4SS use 1/4 HP (.19 kW), 4.6 amps 1725 RPM, H-5SS through H-8SS use 1/4 HP (.19 kW), 5.8 amps 1140 RPM and H-9SS through H-11SS use 1/2 HP (.37 kW), 9.4 amps 1140 RPM. All units complete with fan guards. **(Contact your Engineered Air Sales Representative for other motor options.)**

Vertical: Motors shall be totally enclosed permanent split capacitor type and incorporate sleeve bearings and automatic reset overload protection. V-1SS through V-3SS use 1/6 HP (.124 kW), 2.0 amps 1625 RPM, size V-4SS through V-6SS motors are 1/6 HP (.124 kW), 3.0 amps 1075 RPM, V-7SS and V-8SS use a 1/3 HP (.249 kW), 6.5 amps 1075 RPM, V-9SS uses a 1/2 HP (.37 kW), 8.0 amps 1140 RPM and V-10SS through V-12SS use 1 HP (.75 kW), 3 phase (amps vary with voltage) 1140 RPM motors. *Optional explosion proof motors:* V-1SS through V-3SS use 1/4 HP (.19 kW), 4.6 amps 1725 RPM, V-4SS through V-6SS use 1/4 HP (.19 kW), 5.8 amps 1140 RPM, V-7SS and V-8SS use 1/3 HP (.249 kW), 7.8 amps 1140 RPM, V-9SS uses 1/2 HP (.37 kW), 9.4 amps 1140 RPM and V-10SS through V-12SS use 1 HP (.75 kW), 3 phase (amps vary with voltage) 1140 RPM. Fan guards are optional. **(Contact your Engineered Air Sales Representative for other motor options.)**

5. Units shall be Engineered Air, model numbers and sizes as indicated on drawings and/or schedules.

Contact your Engineered Air Sales Representative for more information



Sales Offices Throughout North America

Manufacturing Facilities:

DESOTO, KANSAS

CALGARY & EDMONTON, ALBERTA

NEWMARKET, ONTARIO

www.engineeredair.com

H&V/MAY07