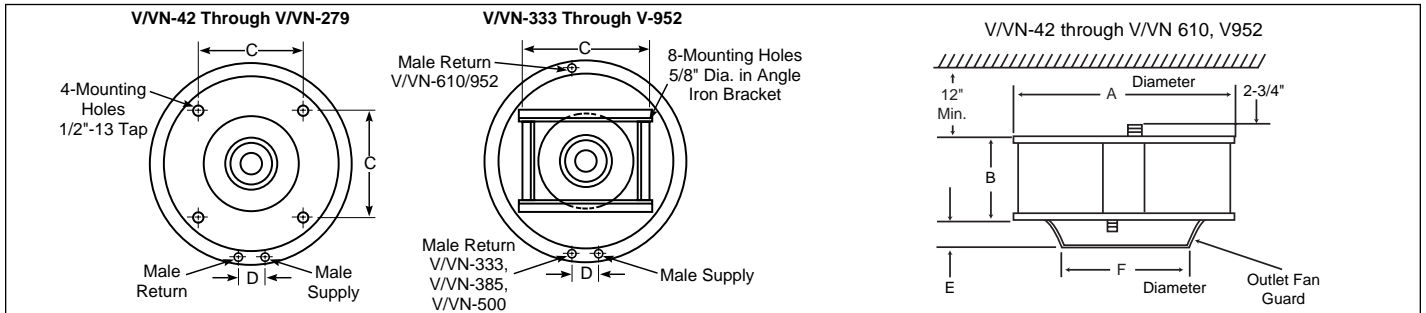




SUBMITTAL DATA vertical steam/hot water unit heaters



Models V/VN Dimensions — Inches

| ① Model Number | A | B | C | D | E | F | Fan Dia. | Male Conn. NPT | | Approx. Shipping Wt. Lbs. |
|----------------|--------|--------|--------|-------|-------|--------|----------|----------------|--------|---------------------------|
| | | | | | | | | Top | Bottom | |
| V/VN-42 (L) | 24-3/4 | 3-5/8 | 11-3/8 | 2-1/8 | 4-3/8 | 14-1/2 | 14 | 1-1/4 | 1-1/4 | 36 |
| V/VN-59 (L) | 24-3/4 | 5-1/8 | 11-3/8 | 2-1/8 | 4-3/8 | 14-1/2 | 14 | 1-1/4 | 1-1/4 | 42 |
| V/VN-78 (L) | 24-3/4 | 6-5/8 | 11-3/8 | 2-1/8 | 2-5/8 | 16-1/2 | 16 | 1-1/4 | 1-1/4 | 46 |
| V/VN-95 (L) | 24-3/4 | 8-1/8 | 11-3/8 | 2-1/8 | 2-5/8 | 16-1/2 | 16 | 1-1/4 | 1-1/4 | 48 |
| V/VN-139 (L) | 34-3/4 | 6-7/8 | 18-3/8 | 2-1/8 | 3 | 19-1/2 | 19 | 1-1/2 | 1 | 70 |
| V/VN-161 (L) | 34-3/4 | 8-3/8 | 18-3/8 | 2-1/8 | 3 | 19-1/2 | 19 | 1-1/2 | 1 | 80 |
| V/VN-193 (L) | 34-3/4 | 9-7/8 | 18-3/8 | 2-1/8 | 3 | 19-1/2 | 19 | 1-1/2 | 1 | 86 |
| V/VN-212 (L) | 34-3/4 | 12-7/8 | 18-3/8 | 2-1/2 | 3 | 19-1/2 | 19 | 2 | 1-1/4 | 94 |
| V/VN-247 (L) | 34-3/4 | 12-7/8 | 18-3/8 | 2-1/2 | 3 | 21-1/2 | 21 | 2 | 1-1/4 | 108 |
| V/VN-279 (L) | 34-3/4 | 14-3/4 | 18-3/8 | 2-1/2 | 3 | 21-1/2 | 21 | 2 | 1-1/4 | 112 |
| V/VN-333 (L) | 43-1/4 | 14-1/2 | 24 | 2-7/8 | 3-1/8 | 22-1/2 | 22 | 2-1/2 | 1-1/2 | 166 |
| V/VN-385 (L) | 43-1/4 | 14-1/2 | 24 | 2-7/8 | 3-1/2 | 27-1/2 | 27 | 2-1/2 | 1-1/2 | 168 |
| V/VN-500 (L) | 43-1/4 | 19 | 24 | 2-7/8 | 3-1/2 | 27-1/2 | 27 | 2-1/2 | 1-1/2 | 360 |
| V/VN-610 (L) | 51-1/2 | 19-1/8 | 24 | — | 3-3/4 | 30-1/2 | 30 | 2-1/2 | 1-1/2 | 450 |
| V-952 (L) | 53-3/4 | 21-1/4 | 30 | — | 3-1/2 | 31 | 30 | 3 | 3 | 487 |

① Suffix "L" indicates low outlet temperature model, V model has copper tubes, VN model has cupro/nickel tubes.

Models V/VN Motor Ampere Rating

Ratings shown are the same for the Standard and Low Outlet Temperature models

| Model Number | Motor HP | Motor Type and (Power Code) | | | | | | | |
|--------------|----------|--|--|-----------------------|-----------------------|---|---|-----------------------|---|
| | | 115/60/1 | 230/60/1 | 200/60/3 | 230/460/60/3 | 115/60/1 | 230/460/60/3 | 575/60/3 | 575/60/3 |
| | | Totally Enclosed w/Thermal Overload (01) | Totally Enclosed w/Thermal Overload (02) | Totally Enclosed (04) | Totally Enclosed (05) | Explosion Proof w/Thermal Overload (06) | Explosion Proof w/Thermal Overload (09) | Totally Enclosed (10) | Explosion Proof w/Thermal Overload (11) |
| V/VN-42 | 1/30 | 1.9 | 1.28 | 1.9 | 2.1/1.05 | 4.1 | — | 0.84 | — |
| V/VN-59 | 1/30 | 1.9 | 1.28 | 1.9 | 2.1/1.05 | 4.1 | — | 0.84 | — |
| V/VN-78 | 1/15 | 2.4 | 1.28 | 1.9 | 2.1/1.05 | 4.1 | — | 0.84 | — |
| V/VN-95 | 1/15 | 2.4 | 1.28 | 1.9 | 2.1/1.05 | 4.1 | — | 0.84 | — |
| V/VN-139 | 1/5 | 2.8 | 1.5 | 1.9 | 2.1/1.05 | 4.1 | 1.5/7.5 | 0.84 | — |
| V/VN-161 | 1/3 | 5.4 | 2.23 | 1.9 | 2.1/1.05 | 6.1 | 1.5/7.5 | 0.84 | — |
| V/VN-193 | 1/3 | 5.4 | 2.23 | 1.9 | 2.1/1.05 | 6.1 | 1.5/7.5 | 0.84 | — |
| V/VN-212 | 1/3 | 5.4 | 2.23 | 1.9 | 2.1/1.05 | 6.1 | 1.5/7.5 | 0.84 | — |
| V/VN-247 | 1/2 | 7.5 | 3.5 | 2.6 | 3.0/1.5 | 5.8 | 2.0/1.0 | 0.92 | 0.76 |
| V/VN-279 | 1/2 | 7.5 | 3.5 | 2.6 | 3.0/1.5 | 5.8 | 2.0/1.0 | 0.92 | 0.76 |
| V/VN-333 | 3/4 | 8.8 | 4.4 | 3.7 | 3.5/1.8 | — | — | 1.24 | — |
| V/VN-385 | 1 | — | — | 4.0 | 4.0/2.0 | — | 3.5/1.75 | 1.6 | 1.4 |
| V/VN-500 | 1-1/2 | — | — | 5.8 | 5.2/2.6 | — | 5.8/2.9 | 2 | 2.32 |
| V/VN-610 | 1-1/2 | — | — | 5.8 | 5.2/2.6 | — | 5.8/2.9 | 2 | 2.32 |
| V-952 | 2 | — | — | — | 6.8/3.4 | — | 6.2/3.1 | — | — |

Specifications

| | | |
|-------------------------------|--------------|---------------|
| Copper/Cupro-Nickel Tube Size | 5/8" O.D. | |
| Tube Wall Thickness | 0.028" | |
| Aluminum Fins | 0.010" | |
| Maximum Coil Rating | Copper | 150 PSI/375°F |
| | Cupro-Nickel | 250 PSI/400°F |

Junction Box

All units include an electrical junction box either integral to the motor or attached to the unit casing. Explosion proof units include an explosion proof junction box attached to the motor.