



GE INDUSTRIAL MOTORS
a **WOLONG** company

GE Industrial Motors - ULTRASNOW-V Pump Motor

Performance, Efficiency, Reliability. Make more SNOW with GEIM's Newest Offering

Specifications

Horsepower: 125-600HP

Design Voltages: 460, 2300, 4160V

Frames: 400-500 Vertical solid shaft high thrust

Enclosure: WPI (TEFC also available)

Speed: 3600rpm

Insulation: class H for 400 to 449 frame and class F for 500 frame.

Features: NEMA Design B, GEGARD 2400 Inverter Duty Insulation, Space Heaters, NEMA Premium Efficiency, Warranty 3 Years.

Thrust: See table

Altitude: up to 14,000 ft

Features & Benefits

- All motors have inverter duty stator winding
- NEMA Premium Efficient
- Low temperature design
- Precision RCF data (+/- 5%)
- Rugged and reliable cast iron construction
- Thrust capability 20% above industry standard
- No water cooling required



*GE ULTRASNOW-V Pump Motors are manufactured standard with a GEGARD2400™ insulation system. This system exceeds NEMA MG1-31 (which is 3.1 times the nameplate voltage) for motors operating on inverters. The combination of this and the varnish process provides a typical Corona Inception Voltage of 2400 volts peak with a rise time of 0.1 seconds. **ULTRASNOW-V** motors are specifically designed for Snow Making equipment applications and industry.*



All motors have inverter duty stator winding and Premium Efficiency



*Effective WPI rodent protection
Rugged and reliable cast iron construction*



*No water cooling required
Expanded 449 frame MV capability*

Vertical NEMA Snow Pumps – Price

ULTRASNOW-V – 460V Price List

| HP | Speed | Frame | Enclosure | BD | Thrust (1D) lbs | List Price Base Motor | Insulated Upper Bearing Carrier | Aegis Shaft Grd Ring | Bearing RTD (1 each end) | Winding RTD | Winding T-stat | Thrust (2D) 175% | Insulation |
|-----|-------|---------|-----------|------|-----------------|-----------------------|---------------------------------|----------------------|--------------------------|-------------|----------------|------------------|------------|
| 125 | 3600 | L404VP | WPI | 16.5 | 5200 | \$9,069 | \$1,757 | \$204 | \$1,876 | \$1,910 | \$233 | \$1,757 | Trickle |
| 150 | 3600 | L405VP | WPI | 16.5 | 5200 | \$10,678 | \$1,757 | \$204 | \$1,876 | \$1,910 | \$233 | \$1,757 | Trickle |
| 200 | 3600 | L444VP | WPI | 20 | 5010 | \$16,949 | \$1,978 | \$204 | \$2,424 | \$1,910 | \$233 | \$1,978 | Trickle |
| 250 | 3600 | L445VP | WPI | 20 | 5010 | \$21,597 | \$1,978 | \$204 | \$2,424 | \$1,910 | \$233 | \$1,978 | Trickle |
| 300 | 3600 | L447VP | WPI | 20 | 4865 | \$32,011 | \$1,978 | \$204 | \$2,424 | \$1,910 | \$233 | \$1,978 | Trickle |
| 350 | 3600 | L449VP | WPI | 20 | 4865 | \$41,457 | \$1,978 | \$204 | \$2,424 | \$1,910 | \$233 | \$1,978 | Trickle |
| 400 | 3600 | L449VP | WPI | 20 | 4865 | \$50,149 | \$1,978 | \$204 | \$2,424 | \$1,910 | \$233 | \$1,978 | Trickle |
| 450 | 3600 | L449VP | WPI | 20 | 4865 | \$52,399 | \$1,978 | \$204 | \$2,424 | \$1,910 | \$233 | \$1,978 | Trickle |
| 500 | 3600 | L449VP | WPI | 20 | 4865 | \$54,643 | \$1,978 | \$204 | \$2,424 | \$1,910 | \$233 | \$1,978 | Trickle |
| 600 | 3600 | L5011VP | WPI | 20 | 3470 | \$66,090 | \$2,108 | \$204 | \$2,278 | \$1,910 | \$233 | \$1,978 | VPI |

ULTRASNOW-V – 2300V Price List

| HP | Speed | Frame | Enclosure | BD | Thrust (1D) lbs | List Price Base Motor | Insulated Upper Bearing Carrier | Aegis Shaft Grd Ring | Bearing RTD (1 each end) | Winding RTD | Winding T-stat | Thrust (2D) 175% | Insulation |
|-----|-------|---------|-----------|------|-----------------|-----------------------|---------------------------------|----------------------|--------------------------|-------------|----------------|------------------|------------|
| 150 | 3600 | L449VP | WPI | 20 | 4865 | \$27,290 | \$1,910 | \$1,224 | \$1,910 | \$1,910 | \$233 | \$1,978 | VPI |
| 200 | 3600 | L449VP | WPI | 20 | 4865 | \$28,304 | \$1,910 | \$1,224 | \$1,910 | \$1,910 | \$233 | \$1,978 | VPI |
| 250 | 3600 | L449VP | WPI | 20 | 4865 | \$34,758 | \$1,910 | \$1,224 | \$1,910 | \$1,910 | \$233 | \$1,978 | VPI |
| 300 | 3600 | L449VP | WPI | 20 | 4865 | \$40,543 | \$1,910 | \$1,224 | \$1,910 | \$1,910 | \$233 | \$1,978 | VPI |
| 350 | 3600 | L449VP | WPI | 20 | 4865 | \$46,329 | \$1,910 | \$1,224 | \$1,910 | \$1,910 | \$233 | \$1,978 | VPI |
| 400 | 3600 | L509VP | WPI | 20 | 5200 | \$51,858 | \$1,910 | \$2,180 | \$1,910 | \$1,910 | \$233 | \$1,978 | VPI |
| 450 | 3600 | L509VP | WPI | 20 | 5200 | \$57,894 | \$1,910 | \$2,180 | \$1,910 | \$1,910 | \$233 | \$1,978 | VPI |
| 500 | 3600 | L509VP | WPI | 24.5 | 5200 | \$63,667 | \$1,910 | \$2,180 | \$1,910 | \$1,910 | \$233 | \$1,978 | VPI |
| 600 | 3600 | L5011VP | WPI | 24.5 | 5200 | \$80,167 | \$1,910 | \$2,180 | \$1,910 | \$1,910 | \$233 | \$1,978 | VPI |

ULTRASNOW-V – 4160V Price List

| HP | Speed | Frame | Enclosure | BD | Thrust (1D) lbs | List Price Base Motor | Insulated Upper Bearing Carrier | Aegis Shaft Grd Ring | Bearing RTD (1 each end) | Winding RTD | Winding T-stat | Thrust (2D) 175% | Insulation |
|-----|-------|---------|-----------|------|-----------------|-----------------------|---------------------------------|----------------------|--------------------------|-------------|----------------|------------------|------------|
| 150 | 3600 | L449VP | WPI | 20 | 4865 | \$31,499 | \$1,910 | \$1,224 | \$1,910 | \$1,910 | \$233 | \$1,978 | VPI |
| 200 | 3600 | L449VP | WPI | 20 | 4865 | \$32,641 | \$1,910 | \$1,224 | \$1,910 | \$1,910 | \$233 | \$1,978 | VPI |
| 250 | 3600 | L449VP | WPI | 20 | 4865 | \$39,946 | \$1,910 | \$1,224 | \$1,910 | \$1,910 | \$233 | \$1,978 | VPI |
| 300 | 3600 | L449VP | WPI | 20 | 4865 | \$46,481 | \$1,910 | \$1,224 | \$1,910 | \$1,910 | \$233 | \$1,978 | VPI |
| 350 | 3600 | L449VP | WPI | 20 | 4865 | \$53,019 | \$1,910 | \$1,224 | \$1,910 | \$1,910 | \$233 | \$1,978 | VPI |
| 400 | 3600 | L509VP | WPI | 20 | 5200 | \$58,111 | \$1,910 | \$2,180 | \$1,910 | \$1,910 | \$233 | \$1,978 | VPI |
| 450 | 3600 | L509VP | WPI | 20 | 5200 | \$64,935 | \$1,910 | \$2,180 | \$1,910 | \$1,910 | \$233 | \$1,978 | VPI |
| 500 | 3600 | L509VP | WPI | 24.5 | 5200 | \$71,472 | \$1,910 | \$2,180 | \$1,910 | \$1,910 | \$233 | \$1,978 | VPI |
| 600 | 3600 | L5011VP | WPI | 24.5 | 5200 | \$89,148 | \$1,910 | \$2,180 | \$1,910 | \$1,910 | \$233 | \$1,978 | VPI |

Note 1: BD can be changed without any price adder

Note 2: Bearing RTD 1 each end

Note 3: Suitable 14,000 ft altitude

ULTRASNOW-V

