# W Series

Indoor/Outdoor
2 – 60 Ton Capacity

## Robust, Customizable Platform

Available in a wide range of capacities, the W Series is a work-horse chiller that can be equipped with air-cooled, water-cooled, or remote condensers and have several voltage and pressure options.

Glen Dimplex Thermal Solutions

Koolant Koolers

## Product Features

- Air-Cooled, Closed Loop
- Capacities from 28,000 BTU/hr to 796,000 BTU/hr
- R407C Refrigerant
- Indoor (Standard)/Outdoor (Optional)
- Multiple Finishes
- Built to UL 1995
- Fluid Setpoint 50 – 90°F
- Ambient Temperature Range 50 – 90°F
- Temperature Stability ± 3°F (Optional ± 1°F)
- 18-Month Parts and Labor Warranty
- 24/7 Service and Support
- Next Day Parts Available

(Fluid and ambient temperatures can vary. Consult factory for the effect on capacity. Stated capacity based on 65°F fluid setpoint and 95°F ambient.)

## Base Configuration

- Indoor Model
- Air-Cooled Condenser
- Digital Controller
- Hermetic Scroll Compressor
- Brazed Plate Evaporator
- Self-Contained with Process Pump
- Cleanable Air Filters
- Manual Bypass
- Stainless Steel, Non-Pressurized Tank
- Fluid Level Sight Glass
- Discharge Fluid Pressure Gauge

## Options*

- Outdoor Model
- Remote or Water-Cooled Condenser
- Remote PGD (up to 150')
- Anti-Backflow Kit
- Fluid Level Switch
- Auto Makeup
- Motorized Hot Gas Bypass
- Pressure Relief Bypass
- Flow and Pressure Pump Upgrades
- Multiple Refrigeration or Fluid Circuits
- Plastic Reservoir
- Service/Maintenance Packages
- cUL Certification

*Not all options are available in all sizes.

| MODEL | CAPACITY | ELECTRICAL | FLA [a] | INLET/OUTLET PORT SIZE | TANK CAPACITY | UNIT DIMESIONS (LxWxH) | CRATED WEIGHT | PUMP STANDARD | | PUMP PRESSURE 50 PSI UPGRADE [1] | | PUMP PRESSURE 75 PSI UPGRADE [1] | | PUMP FLOW UPGRADE [2] | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **INDOOR** | **BTU/HR** | **VOLTS** | **AMPS** | **INCH** | **GAL** | **INCH** | **LBS** | **GPM** | **PSI** | **GPM** | **PSI** | **GPM** | **PSI** | **GPM** | **PSI** |
| WVI-2000-M | 29,450 | 460/3/60<br>230/3/60 | 12.4<br>22.4 | 1 1/4 | 10 | 36x25x58 | 700 | 10 | 25 | 10 | 50 | 10 | 75 | 20 | 40 |
| WVI-3000-M | 34,900 | 460/3/60<br>230/3/60 | 13.2<br>28.8 | 1 1/2 | 25 | 50x28x67 | 900 | 20 | 40 | 20 | 50 | 20 | 75 | TBD | TBD |
| WVI-5000-M | 75,900 | 460/3/60<br>230/3/60 | 21.2<br>39.5 | 1 1/2 | 25 | 50x28x67 | 900 | 20 | 40 | 20 | 50 | 20 | 75 | TBD | TBD |
| WVI-7500-M | 94,900 | 460/3/60<br>230/3/60 | 27.0<br>51.1 | 1 1/2 | 40 | 58x36x66 | 900 | 30 | 35 | 30 | 50 | 30 | 75 | 40 | 35 |
| WVI-10000-M | 131,900 | 460/3/60<br>230/3/60 | 31.4<br>60.0 | 1 1/2 | 40 | 58x36x66 | 1,100 | 30 | 35 | 30 | 50 | 30 | 75 | 40 | 35 |
| WVI-15000-M | 214,350 | 460/3/60<br>230/3/60 | 44.6<br>85.1 | 2 | 70 | 58x42x91 | 1,700 | 40 | 35 | 40 | 50 | 40 | 75 | 70 | 40 |
| WVI-20000-M | 261,250 | 460/3/60<br>230/3/60 | 58.0<br>108.4 | 2 | 100 | 71x42x99 | 1,900 | 60 | 40 | 60 | 50 | 60 | 75 | TBD | TBD |
| WVI-30000-M | 398,250 | 460/3/60 | 80.7 | 3 | 180 | 101x42x97 | 2,300 | 90 | 35 | 100 | 50 | 90 | 75 | TBD | TBD |
| WVI-40000-M | 502,500 | 460/3/60 | 107.8 | 3 | 140 | 74x84x84 | 4,500 | 120 | 35 | 150 | 50 | 150 | 75 | TBD | TBD |
| WVI-60000-M | 796,500 | 460/3/60 | 153.2 | 3 | 250 | 105x84x104 | 4,600 | 120 | 35 | 150 | 50 | 150 | 75 | TBD | TBD |

**List pricing includes standard pump, manual bypass valve, hot gas regulator, standard packaging, standard tagging, and standard finish.**

a) Does not include pump upgrade.

1) Pump Pressure PSI Upgrade – in higher pressure applications this option is selected to allow pressure up to 75 PSI. Pressure relief bypass must be added with this option.

2) Pump Flow Upgrade – allows for increased amount of flow; please note the PSI may change with the flow changes.



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