

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.

Product Features

- Air-Cooled, Closed Loop
- Capacities from 29,450 BTU/hr to 796,500 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 $\pm 3^\circ\text{F}$ (Optional $\pm 1^\circ\text{F}$)
- 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.)



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Glen Dimplex Thermal Solutions



Koolant Coolers



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 DIMENSIONS (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	460/3/60 230/3/60	12.4 22.4	1 1/4	10	36x25x58	700	10	25	10	50	10	75	20	40
WVI-3000-M	34,900	460/3/60 230/3/60	13.2 28.8	1 1/2	25	50x28x67	900	20	40	20	50	20	75	TBD	TBD
WVI-5000-M	75,900	460/3/60 230/3/60	21.2 39.5	1 1/2	25	50x28x67	900	20	40	20	50	20	75	TBD	TBD
WVI-7500-M	94,900	460/3/60 230/3/60	27.0 51.1	1 1/2	40	58x36x66	900	30	35	30	50	30	75	40	35
WVI-10000-M	131,900	460/3/60 230/3/60	31.4 60.0	1 1/2	40	58x36x66	1,100	30	35	30	50	30	75	40	35
WVI-15000-M	214,350	460/3/60 230/3/60	44.6 85.1	2	70	58x42x91	1,700	40	35	40	50	40	75	70	40
WVI-20000-M	261,250	460/3/60 230/3/60	58.0 108.4	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.

