



W-SERIES

Customizable, Closed-loop Design
2 to 90 Ton Capacity Units



Robust, Customizable Platform

Available in a wide range of capacities, the W Series can be equipped with air-cooled, water-cooled, or remote condensers and can be highly customized to meet the needs of challenging applications.

PRODUCT SUMMARY

- Indoor and outdoor models available
- Air-cooled, water-cooled or split system (remote condenser)
- Water or water/glycol fluids
- Fluid setpoint range 50 – 90°F
- Capacities:
 - Indoor: 24,000 to 398,250 BTU/hr
 - Outdoor: 27,450 to 1,080,000 BTU/hr
(at 65°F fluid temp and 95°F ambient)
 Temps can vary but will affect capacity.
- Temperature stability $\pm 3^\circ\text{F}$ (optional $\pm 1^\circ\text{F}$)
- Ambient temperature:
 - Indoor: 50 – 95°F
 - Outdoor standard: -20 – 95°F
 - Outdoor high ambient: -20 – 115°F
(Designs for ambients above/below are available - please contact factory.)
- UL certified
- 18-month parts and labor warranty

BASE CONFIGURATION

- Digital controller
- Hermetic scroll compressor
- Brazed plate evaporator
- Manual fluid bypass valve
- Hot gas regulator
- Discharge fluid pressure gauge
- Corrosion free, non-pressurized tank
- Refrigerant and tank sight glasses
- Cleanable air filters
- Fused disconnect
- R513A** Refrigerant
- Powder-coated cabinet

OPTIONS**

- Pressure and flow pump upgrades
- Pressure relief bypass
- Outlet water filter
- Auto water fill *(indoor only)*
- Anti-backflow kit
- Float switch
- 50 and 60Hz power options
- Casters *(up to 5 tons)*
- CSA & CE certified
- Motorized hot gas bypass
- Communication options
- Economizer interface
- Remote controller
- Insulation

** Not all options are available in all sizes.
*** These options are ONLY available in certain configurations. Please consult factory for details.

**KOOLANT
KOOLERS**

**riedel^o
cooling**

HYFRA

Werner Finley
Process Cooling Since 1986

Thank you for your interest in **Dimplex Thermal Solutions**. DTS is based in **Kalamazoo, Mi.**, the North American manufacturing arm of the Glen Dimplex Precision Cooling Division. DTS offers four major brands in the precision cooling market: **Koolant Koolers, Riedel Cooling, HYFRA, and Werner Finley.**

At Dimplex Thermal Solutions we pride ourselves in offering cooling solutions utilizing **Water Cooling, Air Cooling, or Glycol Cooling** with our **Koolant Koolers** brand being manufactured on-site.

- Koolant Koolers have been manufacturing since **1952**.
- We have over 70,000 installed chillers throughout North America and beyond.
- Our equipment performs **reliably, precisely** and **consistently** under the most extreme conditions.
- Koolant Koolers chillers are built heavy-duty for low-maintenance.
- Koolant Koolers offer product selections ranging from 1/8 Ton, to over 500 ton units of cooling.

Koolant Koolers chillers have earned a reputation for their unwavering reliability in providing the market leading standard & customized solutions for:

- **Machine tool industry**
- **Food processing and packaging**
- **Medical diagnostic imaging markets**
- **Laser industry**
- **Process cooling**
- **Cannabis extraction**
- **Jacketed tanks**
- **Vacuum furnaces**
- **And more..**

Dimplex Thermal Solutions provides its customers with:

- Global perspective, with strong local connections.
- Equipment backed by 24/7, unparalleled global service and support.
- Products built in our ISO-9001 certified facility with high-quality components.
- An 18-month parts and labor warranty that redefines industry standards.
- A technical service team for assistance with installation, and maintenance.
- Service available for all systems including start-up and preventive maintenance.



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