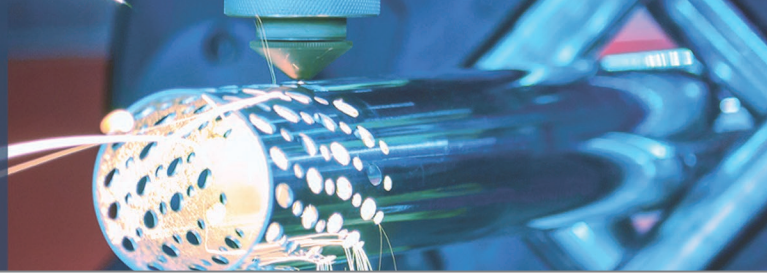
Dimplex Thermal Solutions | KOOLANT KOOLERS



S-SERIES

Closed-loop, Standard Design
3 to 20 Ton Capacity Units

Standard, Closed-Loop Platform

This standard, closed-loop chiller is the reliable solution for many process cooling applications. It offers both indoor and outdoor models with a wide range of options, making it adaptable for virtually any situation.

PRODUCT SUMMARY

- Indoor/outdoor air or water cooled
- Packages available for enhanced controls and high ambient situations
- Water or water/glycol fluids
- Fluid setpoint range 50 - 85°F
- Capacities: 36,000 to 240,000 BTU/hr *(at 65°F fluid temp and 95°F ambient)*

Temps can vary but will affect capacity

- Temperature stability ±3°F *(±1°F on certain configurations)*
- Ambient temperature: -20 - 90°F (outdoor standard)
- UL certified
- 18-month parts and labor warranty
- 24/7 service and support
- Next day parts available on most models

BASE CONFIGURATION

c.pCO Digital controller
Hermetic scroll compressor
Brazed plate evaporator
Manual fluid & Pressure relief 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
Insulation

OPTIONS**

Pressure and flow pump upgrades
Inlet water filter
Anti-backflow kit
Float switch
50 and 60Hz power options
Casters *(up to 5 tons)*
CSA & CE compliant
Motorized hot gas bypass ***
Communication options ***
Economizer interface ***
Remote controller ***

** Not all options are available in all sizes.

*** These options are ONLY available in certain configurations. Please consult factory for details.

Capacity (Tons)	Model	Capacity (BTU @60HZ) Capacities noted at 95°F Ambient @ 65°F Set point	VOLTS	Flow (gpm)	Pressure (PSI 60HZ)	Stability Range
3 Tons	SVO-3000-M	36000	460/3/60	10	45	±3° F
3 Tons	SVO-3000-M	36000	460/3/60	30	38	±3° F
3 Tons	SVO-3000-M	36000	460/3/60	10	80	±3° F
5 Tons	SVO-5000-M	70000	460/3/60	15	45	±3° F
5 Tons	SVO-5000-M	67000	460/3/60	40	45	±3° F
5 Tons	SVO-5000-M	70000	460/3/60	15	80	±3° F
7.5 Tons	SVO-7500-M	101000	460/3/60	25	40	±3° F
7.5 Tons	SVO-7500-M	98000	460/3/60	40	45	±3° F
7.5 Tons	SVO-7500-M	90000	460/3/60	25	80	±3° F
10 Tons	SVO-10000-M	120000	460/3/60	30	40	±3° F
10 Tons	SVO-10000-M	115000	460/3/60	70	38	±3° F
10 Tons	SVO-10000-M	120000	460/3/60	30	80	±3° F
15 Tons	SVO-15000-M	202000	460/3/60	60	45	±3° F
15 Tons	SVO-15000-M	190000	460/3/60	120	45	±3° F
15 Tons	SVO-15000-M	202000	460/3/60	60	80	±3° F
20 Tons	SVO-20000-M	240000	460/3/60	60	45	±3° F
20 Tons	SVO-20000-M	228000	460/3/60	120	45	±3° F
20 Tons	SVO-20000-M	240000	460/3/60	60	80	±3° F

Fluid temperatures and ambients can vary from those stated.
Please consult the factory for the effect on capacity.

Scan to Request a Quote

Dimplex Thermal Solutions

Dimplex Thermal Solutions | 2625 Emerald Drive, Kalamazoo, MI 49001
(800) 968-5665 | **salesdept@dimplexthermal.com** | **www.DimplexThermal.com**