

Dimplex Thermal Solutions

Koolant Coolers S Series - Standard Chiller Bundles Self-Contained Closed Loop Chiller

.....
This standard closed-loop chiller is the quick, reliable solution for process cooling. It offers indoor or outdoor designs from 3 to 20 tons of cooling with a range of voltage and flow options, making it easily adaptable to virtually any application.

It has a digital temperature controller for quick verification, vertical air discharge for operator comfort, cleanable air filters for ease of maintenance, and a brazed plate evaporator for the most efficient thermal transfer available. This unit is a powerhouse of cooling.
.....



3 & 5 ton layouts



7.5 & 10 ton layouts



15 & 20 ton layouts

PRODUCT SUMMARY

- Air-Cooled, Closed Loop
- Capacities from 36,000 BTU/hr to 240,000 BTU/hr
- Water or Water/Glycol Operations
- R407C Refrigerant
- Indoor or Outdoor Designs
- Powdercoated (Indoor)/Galvanized (Outdoor)
- Fluid Setpoint 50°F - 80°F
- Ambient Temperature Range:
50 - 95°F (indoor) and -20 - 95°F (outdoor)
- Temperature Stability $\pm 3^\circ\text{F}$
- Various Voltage Options Available
- High Pressure Option Available
- UL 1995 Certification
- 18 Month Parts and Labor Warranty
- 24/7 Service and Support
- Next Day Parts Available

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

Koolant Coolers S Series - Specifications

BASE MODEL

- Digital Controller
- Hermetic Compressor
- Brazed Plate Evaporator
- Hot Gas Regulator
- Fused Disconnect
- Vertical Air Discharge
- Cleanable Air Filters
- Manual Fluid Bypass Valve
- Fluid Level Sight Glass
- Seamless Non-Pressurized Plastic Tank
- Discharge Fluid Pressure Gauge

OPTIONS

- Outdoor Design
- Pressure and Flow Pump Upgrades
- Anti-Back Flow
- Inlet Water Filter
- Auto-Water Fill
- Pressure Relief Bypass Valve
- Remote Controls
- Humidity Tracking
- Casters (up to 5 tons)
- Service/maintenance packages

Description	Electrical:	WxDxH (in):	Capacity (BTU/hr):	Flow/Pressure (GPM):	Refrigerant (lbs):	Compressor (hp):	Pump (hp):	Tank (gal):	Fittings (FNPT/in):	FLA (amps):	Crated weight (lbs):
Indoor											
SVI-3000-M	230 / 3 / 60	34.5 x 37 x 65	36,000	10 @ 45	7	3.5	2	36	1.50	23	900
	460 / 3 / 60	34.5 x 37 x 65	36,000	10 @ 45	7	3	2	36	1.50	11	900
	460 / 3 / 60	42 x 41 x 65	36,000	30 @ 38	7	3	2	36	1.50	11	900
SVI-5000-M	460 / 3 / 60	34.5 x 37 x 65	60,000	15 @ 45	7	5	2	36	1.50	16	900
	460 / 3 / 60	42 x 41 x 65	60,000	40 @ 45	7	5	3	36	2.00	17	900
	460 / 3 / 60	42 x 41 x 65	60,000	15 @ 80	7	5	2	36	1.50	16	900
SVI-7500-M	460 / 3 / 60	57 x 37 x 65.5	95,100	25 @ 40	15	7.5	2	60	2.00	22	900
	460 / 3 / 60	64.5 x 42 x 65.5	90,000	40 @ 45	15	7.5	3	60	2.00	23	1100
SVI-10000-M	460 / 3 / 60	57 x 37 x 65.5	120,000	30 @ 40	15	10	3	60	2.00	26	1100
	460 / 3 / 60	64.5 x 42 x 65.5	120,000	70 @ 38	15	10	5	60	2.00	29	1100
SVI-15000-M	460 / 3 / 60	57 x 61 x 65.5	180,000	60 @ 45	25	7.5 x 2	5	100	2.00	44	1750
SVI-20000-M	460 / 3 / 60	57 x 61.5 x 65.5	240,000	60 @ 45	25	10 x 2	5	100	2.00	55	1750
Outdoor											
SVO-3000-M	460 / 3 / 60	34.5 x 37 x 68.5	36,000	10 @ 45	7	3	2	36	1.50	12	900
SVO-5000-M	460 / 3 / 60	34.5 x 37 x 68.5	60,000	15 @ 45	7	5	2	36	1.50	17	900
	460 / 3 / 60	42 x 41 x 68.5	60,000	15 @ 80	7	5	2	36	1.50	16.2	900
SVO-7500-M	460 / 3 / 60	57 x 37 x 68.5	90,000	25 @ 40	15	7.5	2	60	2.00	23	1100
SVO-10000-M	460 / 3 / 60	57 x 37 x 68.5	120,000	30 @ 40	15	10	3	60	2.00	27	1100
	460 / 3 / 60	64.5 x 42 x 68.5	120,000	30 @ 80	15	10	3	60	2.00	27	1100
SVO-15000-M	460 / 3 / 60	57 x 61.5 x 70	192,750	60 @ 55	25	7.5 x 2	5	100	2.00	43	1750
	460 / 3 / 60	57 x 61.5 x 70	180,000	60 @ 80	25	7.5 x 2	5	100	2.00	44	1750
SVO-20000-M	460 / 3 / 60	67 x 66 x 70	240,000	60 @ 55	25	10 x 2	5	100	2.00	52	1750
	460 / 3 / 60	57 x 61.5 x 70	240,000	60 @ 80	25	10 x 2	5	100	2.00	52	1750