

S Series

Reliable, Versatile, and Adaptable
3–20 Ton Capacity

Cooling Workhorse

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

Product Features

- Air-Cooled, Closed Loop
- Capacities from 36,000 BTU/hr to 240,000 BTU/hr
- Water or Water/Glycol Operations
- R407C Refrigerant
- Powdercoated (Indoor)/Galvanized (Outdoor) Finishes
- Fluid Setpoint 50–80°F
- Ambient Temperature Range 50–95°F (indoor) and -20–95°F (outdoor)
- Temperature Stability $\pm 3^\circ\text{F}$
- Various Voltage and Flow/Pressure Options
- Built to UL 1995 (Optional cUL 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.)

Glen
Dimplex
Thermal
Solutions



Koolant
Koolers



3 & 5 Ton Layouts

7.5 & 10 Ton Layouts

15 & 20 Ton Layouts

Base Configuration

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

Options

- Outdoor Design
- Anti-Backflow
- Inlet Water Filter
- Auto-Water Fill
- Pressure and Flow Pump Upgrades
- Pressure and Flow Pump Upgrades
- Pressure Relief Bypass Valve
- Remote Controls
- Casters (Up to 5 Tons)
- cUL Certification

MODEL	CAPACITY	ELECTRICAL	FLA ^a	INLET/OUTLET PORT SIZE	TANK CAPACITY	MAX DIMENSIONS L x W x H	CRATED WEIGHT	PUMP STANDARD		PUMP PRESSURE, 80 PSI UPGRADE ¹	PUMP FLOW UPGRADE ²	
INDOOR	BTU/HR	VOLTS	AMPS	IN	GAL	INCH	LBS	GPM	PSI	GPM	GPM	PSI
SVI-3000-M	36,000	460/3/60 230/3/60	11.0 23.0	1 1/2	36	34.5 x 37 x 65	1,100	10	45	10	30	38
SVI-5000-M	60,000	460/3/60 230/3/60	16.0 28.7	1 1/2	36	34.5 x 37 x 65	1,100	15	45	15	40	45
SVI-7500-M	90,000	460/3/60	22.0	2	60	57 x 37 x 65.5	1,600	25	40	25	40	45
SVI-10000-M	120,000	460/3/60	26.0	2	60	57 x 37 x 65.5	1,600	30	40	30	70	38
SVI-15000-M	180,000	460/3/60	44.0	2	86	57 x 61.5 x 65.5	2,550	50	45	60	120	42
SVI-20000-M	240,000	460/3/60	55.0	2	86	57 x 61.5 x 65.5	2,550	60	45	60	120	42
OUTDOOR	BTU/HR	VOLTS	AMPS	IN	GAL	INCH	LBS	GPM	PSI	GPM	GPM	PSI
SVO-2000-M	24,000	460/3/60 230/3/60	10.0 22.0	1 1/4	8	28.25 x 31 x 49	900	10	35	10	n/a	n/a
SVO-3000-M	36,000	460/3/60 230/3/60	12.0 23.0	1 1/2	36	34.5 x 37 x 68.5	1,100	10	45	10	30	38
SVO-5000-M	60,000	460/3/60 230/3/60	17.0 34.0	1 1/2	36	34.5 x 37 x 68.5	1,100	15	45	15	40	45
SVO-7500-M	90,000	460/3/60	23.0	2	60	57 x 37 x 68.5	1,600	25	40	25	40	45
SVO-10000-M	120,000	460/3/60	27.0	2	60	57 x 37 x 68.5	1,600	30	40	30	40	45
SVO-15000-M	180,000	460/3/60	44.0	2	86	57 x 61.5 x 70	2,550	50	45	60	120	42
SVO-20000-M	240,000	460/3/60	52.0	2	86	57 x 61.5 x 70	2,550	60	45	60	120	42

List pricing includes standard pump and manual bypass valve.

*Standard indoor units are designed to run on straight water or water/glycol with hot gas regulator.

**Outdoor units are standard with galvanized sheet metal, a Ranco controller, and variable speed controls for fan. Units can be used outdoors in temperatures ranging from -20 – 95°F and include hot gas regulator.

a) Does not include pump upgrade.

1) Pump Pressure Upgrade – in higher pressure applications this option is selected to allow pressure up to 80 PSI.

2) Pump Flow Upgrade – allows for increased amount of flow; please note the PSI may change with the flow changes. Pressure relief bypass option must be included.

