

# 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 or Water-Cooled Condenser, 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
Pressure and Flow Pump Upgrades
Pressure Relief Bypass Valve
Inlet Water Filter
Auto-Water Fill to maintain water level
Anti Backflow
Float Switch to detect low tank fluids
Insulation for above 28°F setpoint
Remote Controller
Casters (Up to 5 Tons)
cUL Certification

MODEL	CAPACITY	VOLTAGE	FLA <sup>a</sup>	INLET/OUTLET PORT SIZE	TANK CAPACITY	MAX DIMENSIONS L x W x H	WET CRATED WEIGHT	PUMP STANDARD		PUMP PRESSURE, 80 PSI UPGRADE <sup>1</sup>	PUMP FLOW UPGRADE <sup>2</sup>	
INDOOR	BTU/HR		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 29.0	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 temperature controller, and variable speed controls for fan. Units can be used indoors or outdoors in temperatures ranging from -20°F to 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.

