

S Series

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

**Glen
Dimplex**
Thermal
Solutions



**Koolant
Coolers**

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.



3 & 5 Ton

7.5 & 10 Ton

15 & 20 Ton



Product Summary

- Indoor and outdoor air-cooled models available
- Packages available for enhanced controls and high ambient situations
- Water or water/glycol fluids
- Fluid setpoint range 50 to 80°F
- Capacities: 34,100 to 248,500 BTU/hr (at 65°F fluid temp and 95°F ambient) Temps can vary but will affect capacity.
- Temperature stability $\pm 3^{\circ}\text{F}$ ($\pm 1^{\circ}\text{F}$ on certain configurations)
- Ambient temperature:
50 to 95°F (indoor)
-20 to 95°F (outdoor standard)
-20 to 115°F (outdoor high ambient)
- Built to UL 1995
- 18-month parts and labor warranty
- 24/7 service and support

Standard Design

Digital controller
Hermetic scroll compressor
Brazed plate evaporator
Fluid bypass valves
Float switch
Discharge fluid pressure gauge
Corrosion free, non-pressurized tank
Refrigerant and tank sight glasses
Cleanable air filters
Fused disconnect
R407C (R134A on high ambient models)
Powder-coated cabinet
Auto water fill (indoor units only)

Options

Casters (5 tons and below)
Insulation for fluid temperatures 28F or higher
Water filter kit (ship loose)
Anti-backflow kit (ship loose)
230/3/60 transformer (ship loose)
208 /3/60 transformer (ship loose)
575/3/60 transformer (ship loose)
Remote controller kit (ship loose)

Model	Assembly ID	Capacity (65 F leaving fluid 95 F ambient)	Location	Pump	Flow (GPM)	Pressure (PSI)	Ambient	Temp Tol	Controller	Voltage	Bypass type	Remote controls	Auto make up	Motorize hot gas	Finish Color
SVI-3000-M	803251	36000	Indoor	Standard	10	45	50°F to 95°F	+/- 3F	Carel EZ	460/3/60 (+/- 10%)	Pressure / Manual		Included		RAL7035
SVI-3000-M	803252	36000	Indoor	High Flow	30	38	50°F to 95°F	+/- 3F	Carel EZ	460/3/60 (+/- 10%)	Pressure / Manual		Included		RAL7035
SVI-3000-M	803253	36000	Indoor	High Pressure	10	80	50°F to 95°F	+/- 3F	Carel EZ	460/3/60 (+/- 10%)	Pressure / Manual		Included		RAL7035
SVO-3000-M	803254	36000	Outdoor	Standard	10	45	-20°F to 95°F	+/- 3F	Ranco	460/3/60 (+/- 10%)	Pressure / Manual				Textured White
SVO-3000-M	803255	36000	Outdoor	High Flow	30	38	-20°F to 95°F	+/- 3F	Ranco	460/3/60 (+/- 10%)	Pressure / Manual				Textured White
SVO-3000-M	803256	36000	Outdoor	High Pressure	10	80	-20°F to 95°F	+/- 3F	Ranco	460/3/60 (+/- 10%)	Pressure / Manual	Included			Textured White
SVI-5000-M	803257	69000	Indoor	Standard	15	45	50°F to 95°F	+/- 3F	Carel EZ	460/3/60 (+/- 10%)	Pressure / Manual		Included		RAL7035
SVI-5000-M	803258	66000	Indoor	High Flow	40	45	50°F to 95°F	+/- 3F	Carel EZ	460/3/60 (+/- 10%)	Pressure / Manual		Included		RAL7035
SVI-5000-M	803259	69000	Indoor	High Pressure	15	80	50°F to 95°F	+/- 3F	Carel EZ	460/3/60 (+/- 10%)	Pressure / Manual		Included		RAL7035
SVO-5000-M	803260	70000	Outdoor	Standard	15	45	-20°F to 95°F	+/- 3F	Ranco	460/3/60 (+/- 10%)	Pressure / Manual				Textured White
SVO-5000-M	803261	67000	Outdoor	High Flow	40	45	-20°F to 95°F	+/- 3F	Ranco	460/3/60 (+/- 10%)	Pressure / Manual	Included			Textured White
SVO-5000-M	803262	70000	Outdoor	High Pressure	15	80	-20°F to 95°F	+/- 1F	pCO Mini	460/3/60 (+/- 10%)	Pressure / Manual			Included	Textured White
SVO-5003-M	803263	46000*	Outdoor	High Pressure	15	80	-20°F to 115°F	+/- 3F	pCO Mini	460/3/60 (+/- 10%)	Pressure / Manual				Textured White
SVI-7500-M	803264	99000	Indoor	Standard	20	40	50°F to 95°F	+/- 3F	Carel EZ	460/3/60 (+/- 10%)	Pressure / Manual		Included		RAL7035
SVI-7500-M	803265	95000	Indoor	High Flow	40	45	50°F to 95°F	+/- 3F	Carel EZ	460/3/60 (+/- 10%)	Pressure / Manual		Included		RAL7035
SVI-7500-M	803266	99000	Indoor	High Pressure	25	80	50°F to 95°F	+/- 3F	Carel EZ	460/3/60 & 380/3/50 (+/- 10%)	Pressure / Manual		Included		RAL7035
SVO-7500-M	803267	101000	Outdoor	Standard	20	40	-20°F to 95°F	+/- 3F	Ranco	460/3/60 (+/- 10%)	Pressure / Manual				Textured White
SVO-7500-M	803268	98000	Outdoor	High Flow	40	45	-20°F to 95°F	+/- 3F	Ranco	460/3/60 (+/- 10%)	Pressure / Manual	Included			Textured White
SVO-7500-M	803269	101000	Outdoor	High Pressure	25	80	-20°F to 95°F	+/- 3F	Ranco	460/3/60 (+/- 10%)	Pressure / Manual	Included			Textured White
SVI-10000-M	803270	124000	Indoor	Standard	30	40	50°F to 95°F	+/- 3F	Carel EZ	460/3/60 (+/- 10%)	Pressure / Manual		Included		RAL7035
SVI-10000-M	803271	119000	Indoor	High Flow	70	38	50°F to 95°F	+/- 3F	Carel EZ	460/3/60 (+/- 10%)	Pressure / Manual		Included		RAL7035
SVI-10000-M	803272	124000	Indoor	High Pressure	30	80	50°F to 95°F	+/- 3F	Carel EZ	460/3/60 (+/- 10%)	Pressure / Manual		Included		RAL7035
SVO-10000-M	803273	120000	Outdoor	Standard	30	40	-20°F to 95°F	+/- 3F	Ranco	460/3/60 (+/- 10%)	Pressure / Manual	Included			Textured White
SVO-10000-M	803274	115000	Outdoor	High Flow	70	38	-20°F to 95°F	+/- 3F	Ranco	460/3/60 (+/- 10%)	Pressure / Manual	Included			Textured White
SVO-10000-M	803275	120000	Outdoor	High Pressure	30	80	-20°F to 95°F	+/- 1F	pCO Mini	460/3/60 (+/- 10%)	Pressure / Manual			Included	Textured White
SVO-10003-M	803276	78000*	Outdoor	Standard	30	40	-20°F to 115°F	+/- 3F	pCO Mini	460/3/60 (+/- 10%)	Pressure / Manual				Textured White
SVI-15000-M	803277	208000	Indoor	Standard	60	45	50°F to 95°F	+/- 3F	pCO Mini	460/3/60 (+/- 10%)	Pressure / Manual		Included		RAL7035
SVI-15000-M	803278	195000	Indoor	High Flow	120	42	50°F to 95°F	+/- 3F	pCO Mini	460/3/60 (+/- 10%)	Pressure / Manual		Included		RAL7035
SVI-15000-M	803279	208000	Indoor	High Pressure	60	80	50°F to 95°F	+/- 3F	pCO Mini	460/3/60 (+/- 10%)	Pressure / Manual		Included		RAL7035
SVO-15000-M	803280	202000	Outdoor	Standard	60	45	-20°F to 95°F	+/- 3F	pCO Mini	460/3/60 (+/- 10%)	Pressure / Manual				Textured White
SVO-15000-M	803281	190000	Outdoor	High Flow	120	42	-20°F to 95°F	+/- 3F	pCO Mini	460/3/60 & 380/3/50 (+/- 10%)	Pressure / Manual				Textured White
SVO-15000-M	803282	202000	Outdoor	High Pressure	60	80	-20°F to 95°F	+/- 3F	pCO Mini	460/3/60 (+/- 10%)	Pressure / Manual				Textured White
SVI-20000-M	803283	248000	Indoor	Standard	60	45	50°F to 95°F	+/- 3F	pCO Mini	460/3/60 (+/- 10%)	Pressure / Manual		Included		RAL7035
SVI-20000-M	803284	235000	Indoor	High Flow	120	42	50°F to 95°F	+/- 3F	pCO Mini	460/3/60 (+/- 10%)	Pressure / Manual		Included		RAL7035
SVI-20000-M	803285	248000	Indoor	High Pressure	60	80	50°F to 95°F	+/- 3F	pCO Mini	460/3/60 (+/- 10%)	Pressure / Manual		Included		RAL7035
SVO-20000-M	803286	240000	Outdoor	Standard	60	45	-20°F to 95°F	+/- 3F	pCO Mini	460/3/60 (+/- 10%)	Pressure / Manual				Textured White
SVO-20000-M	803287	228000	Outdoor	High Flow	120	42	-20°F to 95°F	+/- 3F	pCO Mini	460/3/60 & 380/3/50 (+/- 10%)	Pressure / Manual				Textured White
SVO-20000-M	803288	240000	Outdoor	High Pressure	60	80	-20°F to 95°F	+/- 1F	pCO Mini	460/3/60 (+/- 10%)	Pressure / Manual			Included	Textured White
SVO-20003-M	803289	159000*	Outdoor	Standard	60	45	-20°F to 115°F	+/- 3F	pCO Mini	460/3/60 (+/- 10%)	Pressure / Manual				Textured White

* 65°F fluid leaving fluid and 95°F ambient

