



S-SERIES

Closed-loop, Standard Design
2 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 $\pm 3^\circ\text{F}$ ($\pm 1^\circ\text{F}$ 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.

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