

SMC SERIES



PORTABLE CHILLERS

ADVANCED TECHNOLOGY FOR ENHANCED PERFORMANCE

SMC Series Air-, and Water- Cooled Chillers from Sterling provide 2 to 3.5 ton cooling capacities with very compact footprints. These chillers feature a unique enclosure design that simplifies service and maintenance, and conserves valuable production floor space. Incorporate these SMC Chillers into your planned or existing production layout easily and effectively.

SMC 2 & 3.5 hp models feature hermetic scroll compressors, which provide low noise and high reliability because there are fewer moving parts, reduced rotating mass and less internal friction than reciprocating compressors. They also come with brazed plate evaporators and polyethylene reservoirs up to 6 gallons.

All SMC Series Chillers have an operating leaving water temperature range of 35 to 65°F. They feature an advanced off-the-shelf microprocessor-based controller with To Process and Set Point LED readouts, for fast, simple programming.

Features

- R410a refrigerant
- Easy access panels
- 1 year compressor and labor warranty; 2 year parts warranty; 3 year limited controller warranty
- NEMA 12 electrical enclosure
- Non-fused disconnect switch with single point power connection
- Branch motor fusing
- "Y" strainer on process water line to evaporator
- 1/16 DIN PID auto-tuning, off-the-shelf modular controller is accurate to within +/- 1°F
- Stamped, stainless steel, horizontally mounted pump assures reliability
- Non-ferrous piping
- Air-cooled units feature aluminum fin/copper tube condensers with easy on/off, washable air filters
- Water-cooled units equipped with water regulating valves and have tube-in-tube condensers

Options

- Automatic water makeup valve
- Audible/visual alarm
- Other options available



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Model Number		SMCA-, SMCW-	
		2	3.5
Compressor, HP (kW)		2 (1.5)	3.5 (2.6)
Reservoir, gal (liters)		6 (23)	
Dimensions, in (mm)	SMCA	Height	49.66 (1261)
		Width	22.0 (559)
		Depth	41.68 (1058)
	SMCW	Height	28.31 (719)
		Width	22.0 (559)
		Depth	41.68 (1058)
Shipping weight, lbs (kgs)	SMCA	417 (189)	440 (200)
	SMCW	365 (165)	390 (178)

1 Depth includes piping extending out of the back of the chiller.

