

# Elite Scroll Series Package Chiller

## 2.5 h.p.

R-22 Nominal Capacity: 30,500 Btu/h



### STANDARD FEATURES

- All models suitable for outdoor installation
- Strong tubular steel frame can handle any environment or application
- Weather proof electrical control panel with fused control circuits
- High ambient air cooled condensers for 110° F ambient temperatures
- Cold ambient controls for -30°F winters
- Stainless steel evaporator with hot gas bypass capacity control
- Copeland hermetic scroll compressor with crankcase heater
- Receivers with safety plugs and service valves
- Adjustable dual high/low refrigeration pressure safeties
- Choice of R-22 or R-404a refrigerants
- Remote control panel for indoor control of outdoor chiller
- Digital thermostat with LED temperature readout
- Large capacity reservoirs provide constant temperature fluid delivery
- High head, cast iron, bronze fitted centrifugal process pumps
- Stainless steel, multi-stage pumps for high pressure applications

### OPTIONAL FEATURES

- Indoor models without cold ambient controls
- Outdoor models with heated receiver and accumulator
- Reservoir option of stainless steel, steel, or small expansion tank
- Pump options include stainless steel, bronze, magnetic drive
- Coated condenser coil for corrosive atmospheres
- Evaporator and fluid circuit for corrosive fluids
- Integrated intermediate heat exchangers for process isolation
- Electronic soft start controls for energy conservation
- Vertical discharge condenser air flow
- Factory installation, startup, and/or extended labor and parts warranties

## Electrical Data

Air Cooled Models	Power Supply	Compressor		Fan Motors		1 Pump Motor		Total System		
		RLA	LRA	QTY	FLA	HP	RLA	FLA	MCA	MOP
SACP0251	208-230/1/60	17.9	73	1	1.1	.75	5.7	24.7	32.1	35
SACP0253	208-230/3/60	10.0	63					16.8	21.8	20
SCAP0254	460/3/60	5.0	31					7.4	9.6	10

<sup>1</sup>Standard pump motor in 208-230/3/60 chiller is single phase

## Physical Data

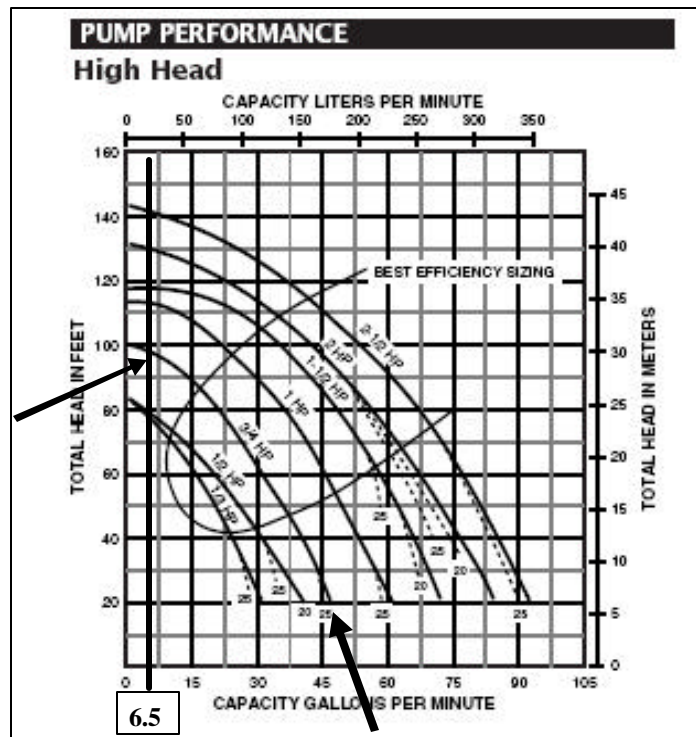
2 Model Rated Tons	Tank Cap.	Pump GPM/Psi	Dimensions (In/mm)			Connections (In/mm)			Shipping Wt.	Operate Wt.
	(Gal/ltrs)		D	W	H	In	Out	Drn	Lbs/kgs	Lbs/kgs
2.54	26/97.5	6.5/42.4	37/945	32/817	57/1455	.75/19			485/220	560/255

<sup>2</sup> Nominal capacity ( 30,500 Btu/h )based on ARI conditions 2.4 gpm/ton flow, 45F SST, 90F ambient,

### Options:

Gauge Package:

- Refrigeration High and Low Fluid Outlet Pressure
- Fluid Temperature in & out
- Concentrated Propylene Glycol 5 Gal.
- Pails For Freeze Protection
- Shell & tube or Coaxial Evaporator
- Condensers Coated for Corrosive Air
- Closed system tanks
- Expansion Tanks with Bladders
- Pumps Sized for Special Needs
- Electronic Soft Start Controls
- Split System Configurations
- Copra Nickel Components
- Replaceable Core Filter-Drier
- Suction Accumulator ( heated or not )
- Receiver heated
- Extended Labor Warranty
- Factory Installation
- Factory Start-up



### Standard Warranty

- Compressor exchange warranty is five years
- Heat exchanger exchange warranty is ten years
- Tanks and reservoirs carry a repair or replace warranty for ten years
- All other components carry a one year parts exchange warranty

Due to our constant efforts to improve our products and the market fluctuations in component availability, this specification is subject to change without notice