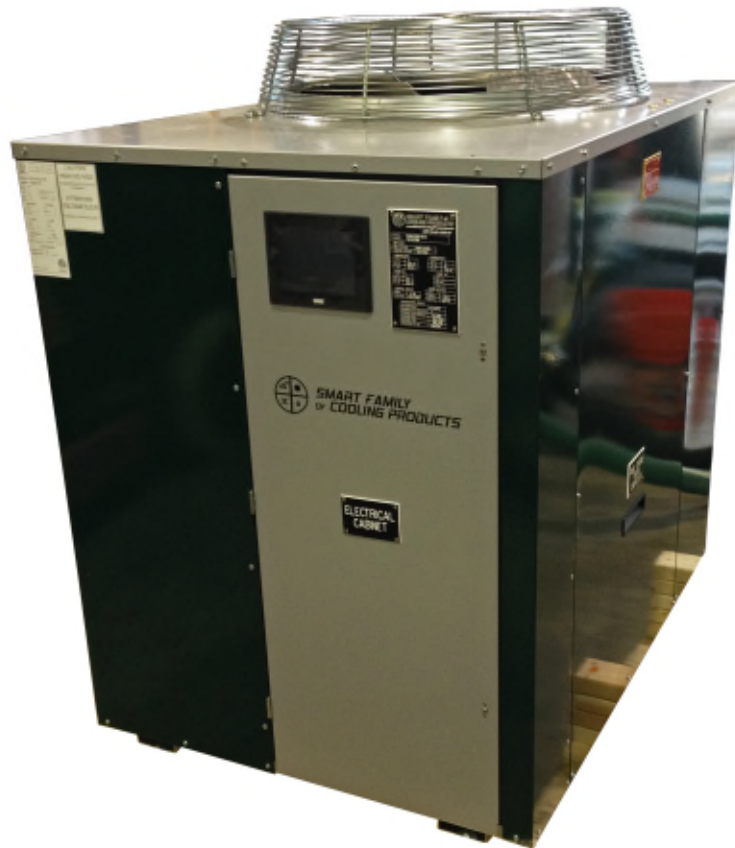


Smart  Freeze
The greatest luxury is custom

STACT

AIR COOLED PORTABLE SCROLL CHILLER



STACT

Model Designations

Model Number: STACT8S6

ST	ST = Portable Scroll Chiller
AC	AC = Air Cooled WC = Water Cooled
T	T = With Process Tank
8	8 = Model Size*
S	S = Single Refrigeration Circuit D = Two Refrigeration Circuits
6	6 = 460/3/60 5 = 575/3/60 4 = 380/3/50 3 = 230/3/60 1 = 208-230/1/60
XP / LT	XP = Explosion-proof design LT = Low Temperature operation

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Our STACT Air Cooled portable chiller is available from 3 to 50 tons. This unit serves a multitude of applications including medical & lab cooling, water-jet cooling, laser cooling, plastics mold cooling, and many more. Including many robust and reliable, field tested components as list below.....

**316SS Brazed Plate
Evaporator**



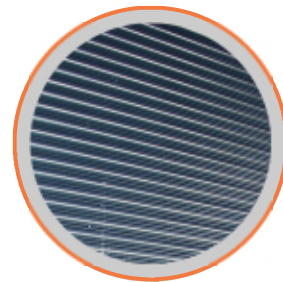
**Copeland Scroll
Compressor**



**304 Stainless Steel
process water tank, insulated**



**20% thicker aluminum
condenser fins**



**Color Touchscreen
Chiller Controller**



**304 Stainless Steel
process pump**



Additional features not listed above:

- Suction accumulator
- Water flow switch
- Hot gas bypass control
- Direct drive condenser fan
- Condenser fin spacing not to exceed 16 fins per inch
- 1/2" insulation on evaporator, water lines, and refrigerant lines
- Liquid line filter drier, sight glass, solenoid valve & TXV
- Full refrigerant charge from factory
- Compressor fusing & motor starters
- Phase reversal relay

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The SmartAdvance3 touch-screen controller has an ultra-bright 5.7" color LCD with automatic screen saver. The controller has help features built-in. You can control based on outlet or return fluid temperature. The controller will maintain within +/- 1 F accuracy. The SA3 features built-in compressor lead/lag for dual circuited units. It displays real time pressure & temperature readings as well as superheat, subcooling, and chilled fluid supply & return temperatures. Standard controller features Modbus TCP, RTU, and ASCII with optional BacNet or Lonworks available. Online web trending is also available (monthly fee required).

STACT Model Number	Tons @ 45F LWT / 95F ambient	Dimensions (L x W x H)	Compressor (Qty) HP	Recirc. Pump HP	Tank Size (gal)	Unit MCA (460V)	Unit MOP (460V)	Fluid Connection Size	Estimated Ship Weight (lbs)
3S6	3.00	46"x34"x72"	(1) 4	½	20	15	20	¾" FPT	800
5S6	4.60	46"x34"x72"	(1) 6	½	50	20	25	1" FPT	900
7S6	6.30	75"x36"x72"	(1) 8	¾	50	30	40	1" FPT	1100
8S6	7.05	75"x36"x72"	(1) 9	1.0	80	30	40	1.25" FPT	1150
9S6	8.25	75"x36"x72"	(1) 10	1.5	80	30	45	1.25" FPT	1250
11S6	10.25	75"x36"x72"	(1) 12	1.5	80	40	60	1.25" FPT	1300
13D6	12.20	85"x40"x77"	(2) 8	1.5	80	45	50	1.5" FPT	1300
15D6	13.95	85"x40"x77"	(2) 9.0	1.5	120	45	60	1.5" FPT	1400
18D6	15.90	85"x40"x77"	(2) 10	1.5	120	50	60	1.5" FPT	1450

Alternate voltages available: 230/3/60, 575/3/60, and 380/3/50. Additional models available. Please inquire with your sales associate.



STAC22D-XP
Shown here

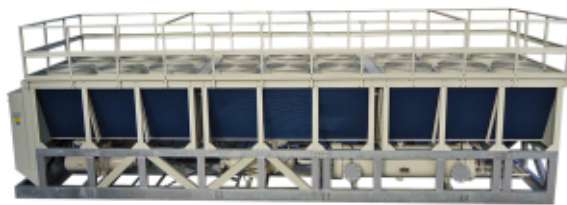
STACT

Options Available:

- Remote Color Touchscreen controller
- Casters (Factory installed)
- Fused disconnect
- Variable speed fan controls to +20° F ambient
- Condenser flooding controls with receiver head pressure control (-20° F)
- Thermostatically controlled evaporator heat tracing
- Process Pressure gauge set (inlet/outlet)
- Pump suction isolation valve (Required)
- Low Flow bypass valve
- Epoxy coated condenser fins
- Copper fin condenser coil
- Semi-hermetic compressor in lieu of scroll
- Water flow meter
- Tank sight glass (recommended)
- Tank low level indicator (Dry contacts)

Below is a list of the additional product lines that SmartFreeze offers:

STACT-Eco	Light Industrial Air Cooled Scroll Chiller (1 to 10 tons nominal capacity)
STWCT	Water Cooled Scroll Chiller (1 to 50 ton nominal capacity)
SCOD	Industrial Air Cooled Scroll Chillers (fully customizable) - up to 110 ton capacity
SCODW	Industrial Water Cooled Scroll Chillers (fully customizable) - Up to 110 ton capacity
SSCD	Heavy Duty Industrial Air Cooled Screw Chillers (fully customizable) - up to 400 ton capacity
SSCDW	Heavy Duty Industrial Water Cooled Screw Chillers (fully customizable) - up to 500 ton capacity



Smart Family of Cooling Products
1118 First Street E
Humble, TX 77338

Phone: 281.540.2805
Fax: 281.540.8847
E-mail: sales@smartcoolingproducts.com



STACT Selection Data

If you have a particular application, this selection sheet can help you size your unit. Please complete the data that you know on the form below. Once complete, scan and email the form to our team. You can also fax if necessary.

Email: Sales@smartcoolingproducts.com

Fax: 281-540-8847

Customer Name: _____ Phone: _____

Company Name: _____ Email: _____

Address: _____

City/State/Zip Code _____

Process Flow (gpm): _____

Inlet Process Temp.: _____

Outlet Process Temp.: _____

Process Fluid: _____

Estimated System Tonnage
required: _____

Indoor/Outdoor location? _____

Process pump/tank required? _____

Ambient Temperature: _____

Notes: _____

SMART FAMILY



***OF
COOLING PRODUCTS***

Phone: 281.540.2805

Fax: 281.540.8847

E-mail: sales@smartcoolingproducts.com



Authorized Sales Representative