Smart Family STAC10S-R

ROCK3-authored summary of manufacturer operating documentation and identified equipment sources.

Manufacturer model introduction / operator instructions
Exact-model reference equipment photographs

Manufacturer	Smart Family of Cooling Products / Smartech
Model	STAC10S-R
Manufacturer equipment class	10-ton industrial scroll chiller
Cooling capacity, supplier exact-model table	10.6 tons
Equipment type	Portable air-cooled chiller with integral pump
Power supply	460 V / 3-phase / 60 Hz
Hydronic pump options	On-skid integral pump or field-pump application
Fluid isolation	Tagged isolation valves
Fluid-side protection	Inlet strainer
Temperature controller	A350 cooling controller
Controlled temperature	Return / entering fluid temperature
Pump control	Separate integral-pump ON switch
Phase / voltage protection	Overvoltage, undervoltage, phase imbalance and phase reversal monitor
Phase-monitor setting	460 V / 3% unbalance
Phase-monitor fault delay	5 seconds
Phase-monitor restart delay	15 seconds
Freeze-stat setting	38°F
High-pressure trip setting	375 PSI; manual reset
Low-pressure trip setting	48 PSI; manual reset
Motor protection	Motor overloads and circuit breakers
Compressor control provision	Compressor isolation switches where equipped
Construction	Protective handling skid with overhead frame