Smart Family SHCP47A-HS

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	SHCP47A-HS
Cooling equipment class	40 tons (supplier exact-model rental class)
Manufacturer airflow class	6,000 CFM hybrid dehumidifier
Power supply	460 V / 3-phase / 60 Hz (supplier exact-model table)
Reference-unit marked weight	7,200 lb (factory frame marking)
Equipment type	Hybrid DX cooling / dehumidification package
Unit operating modes	OFF / FAN / ON / DH
Fan mode	Blower airflow only
ON mode	Stages 1 and 2 producing cool dry air
DH mode	Hot dry air
Condenser fan control	BYP bypass starter or VFD
Reheat control	C2 reheat ON / OFF switch
Compressor selection	Two independent compressor mode switches (2SW / 3SW)
Control breaker	7CB
Handling frame	Skid with fork pockets and overhead lifting eyes
Blower operating modes	Variable-frequency drive or bypass starter
Blower speed adjustment	Panel potentiometer
Cooling control probe selection	Entering-air (ENT) or leaving-air (LVG) temperature
Compressor operating modes	OFF / LOCAL / HAND / REMOTE
Local mode	Onboard controller operation
Hand mode	Manual compressor operation
Remote mode	On / off control from remote thermostat
Phase protection	Phase-monitor relay with incorrect-power indicator
Emergency stop	Panel emergency-stop button
Blower status indication	VFD running, bypass running and blower-trip indicators