

XTREME POWER CONVERSION XC

Cooling for Critical Electronics



Protect critical electronics from high temperature environments

XC portable cooling units are designed to provide cooling for rooms filled with heat generating electronics. Networks, computers, communications, and office equipment will shut down when temperatures increase. XC units provide cost effective spot cooling and are easy to install: simply plug it in and turn it on.

PRODUCT SNAPSHOT

- › Available models: 13,200 BTU/H, 21,000 BTU/H, 29,000 BTU/H
- › Primary, backup, or after hours cooling
- › Easy to install; heavy duty, commercial grade construction
- › Uses earth friendly R410A refrigerant
- › Primary applications: networks, communications, server rooms
- › 1 year warranty (USA and Canada)

FEATURES

Digital controller—programmable to keep your equipment cool full time (7x24), as redundant backup cooling, or only after hours and weekends

Cooling in wide temperature range—XC units cool in a broad range of conditions from 64°F to 113°F

Spot cool mode—cool just the critical equipment, people or process when it is not practical to cool the entire room

Commercial grade—steel construction with heavy duty oversized casters

Condensate pump—optional condensate pump kit installs in moments with quick plug connection

Two speed fan control—programs from digital controller

High pressure switch—shuts down the XC unit if high pressure is detected

Smart compressor time delay control—compressor protection is provided in all conditions with optimized delay time

R410A refrigerant—earth friendly refrigerant does not deplete the Ozone like R22

MODEL SELECTION GUIDE

MODEL NUMBER		XC-14A	XC-22A	XC-30A
COOLING	Cooling capacity	13,200 BTU/H	21,000 BTU/H	29,000 BTU/H
	Air flow (high/low) evaporator	375/285CFM	464/393CFM	571/500 CFM
	Air flow condenser	610CFM	857CFM	1142CFM
	Refrigerant	R410A, 15.9oz	R410A, 42.3oz	R410A, 39.9oz
	Free protection control	Cycles the compressor off preventing unit damage if coil freezes		
ELECTRICAL	Power supply voltage	115V	208/230V	
	Power supply frequency	60Hz	60Hz	60Hz
	Current consumption	11.5A	11.0/10.0A	15.0/14.0A
	Circuit breaker size	15A	15A	20A
	Power consumption	1.4kW	2.3kW	3.1kW
	Compressor input	1.2kW	2.0kW	2.4kW
	Motor (high/low) evaporator	0.091/0.089kW	0.24/0.20kW	0.13/0.11kW
	Motor input condenser	0.08kW	0.26kW	0.24kW
	NEMA plug	5-15P	6-15P	6-20P
	Power cord gauge	12AWG	14AWG	12AWG
	Power cord length	10 ft	10 ft	10 ft
	Automatic restart	Unit automatically restarts when power is reapplied after outage		
PHYSICAL	Dimensions (W x D x H)	17.5 x 19.9 x 43.3 in	22.0 x 24.4 x 50.4 in	
	Weight	132 lbs	198 lbs	208 lbs
	Air filter	Aluminum	Aluminum/vinyl chloride	
	Operating conditions	64-113°F	64-113°F	64-113°F
	Hot air duct diameter	12 in	16 in	16 in
	Maximum duct length	30 ft	30 ft	30 ft
	Condensate tank capacity	3 gal	3 gal	3 gal
	Multiple application accessories	Ducting and hose options, condensate pump kits, remote control panel, ceiling tile kits		
APPROVALS	UL 484			
WARRANTY	1 year warranty (USA and Canada)			

XC ACCESSORIES

Model	Description
XC-TILE12	XC-14A warm air discharge kit
XC-TILE16	XC-22A/XC-30A warm air discharge kit
XC-PUMP1	XC-14A condensate pump kit
XC-PUMP2	XC-22A/XC-30A condensate pump kit
XC-FL12	XC-14A exhaust flange
XC-FL16	XC-22A/XC-30A exhaust flange
XC-ADPT1	XC-14A condenser plenum
XC-ADPT2	XC-22A/XC-30A condenser plenum

XC digital controller



Auto restart - XC unit restarts automatically when power is reapplied after outage

Spot/Cool - Activates compressor and begins producing cool air two minutes after button is pressed. Regulates temperature based on outlet cool air temperature.

Room/Cool - Activates compressor and produces cool air two minutes after button is pressed. Regulates temperature based on inlet ambient air temperature.