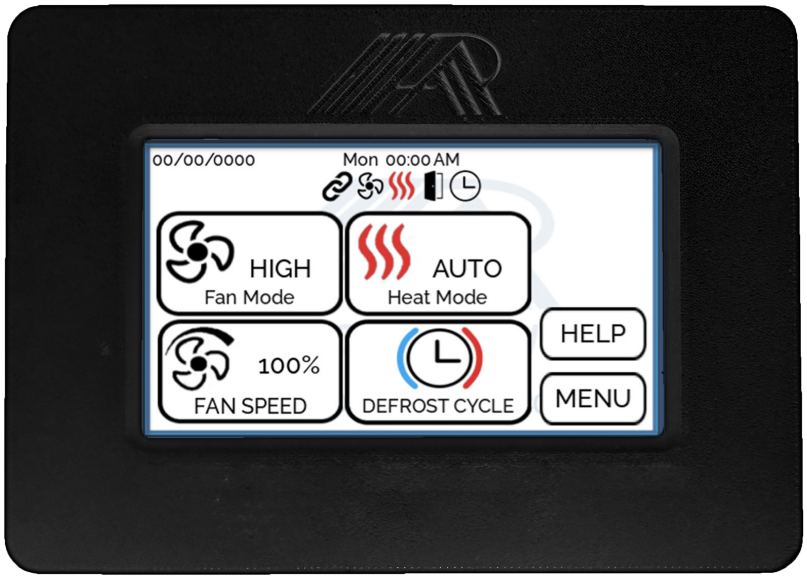
SmartTouch Freezer Aire Controller (FAC)
Technical Data

POWERED AIRE Inc.
AIRE CURTAINS

PRODUCT IMAGE



ALTERNATE VIEWS

FEATURES AND KEY PRODUCT INFORMATION

- Air Curtain control for heated air curtains being used in cold storage freezer environments requiring heat-assisted defrosting of the door and floor
- 4.3-inch LCD Touch Screen
- Ideal for daily operation of high speed and cold storage doors that face issues related to fog, ice and moisture build up
- Eliminates need for multiple remote or unit mounted switches including fan mode, fan speed, heat and timing
- Heated defrosting cycle timer can be customized to ensure fans and heaters provide maximum benefit against buildup of ice on the door and floor, reducing downtime while increasing safety
- Remote mounting with POE (power over Ethernet capability makes adjustments extremely easy (no ladder or forklift required)
- Lockable home screen

APPLICATION NOTES

- CR2032-Reversed Polarity battery stores time settings in event of power failure
- All screens (except home screen) feature back button to return to previous screen
- Remote mounting in standard, single gang electrical box
- Preset at factory to pair with air curtain and application requirements
- Screen indicators provide real-time operational status
- Screen can be set to display in English, Spanish or French

SMARTTOUCH

QUESTIONS & TECHNICAL SUPPORT AVAILABLE. CONTACT US DIRECTLY:

Phone Support	Email Support & Service	Sales Questions
1-888-321-Aire (2473)	CustomerService@PoweredAire.com	Sales@PoweredAire.com

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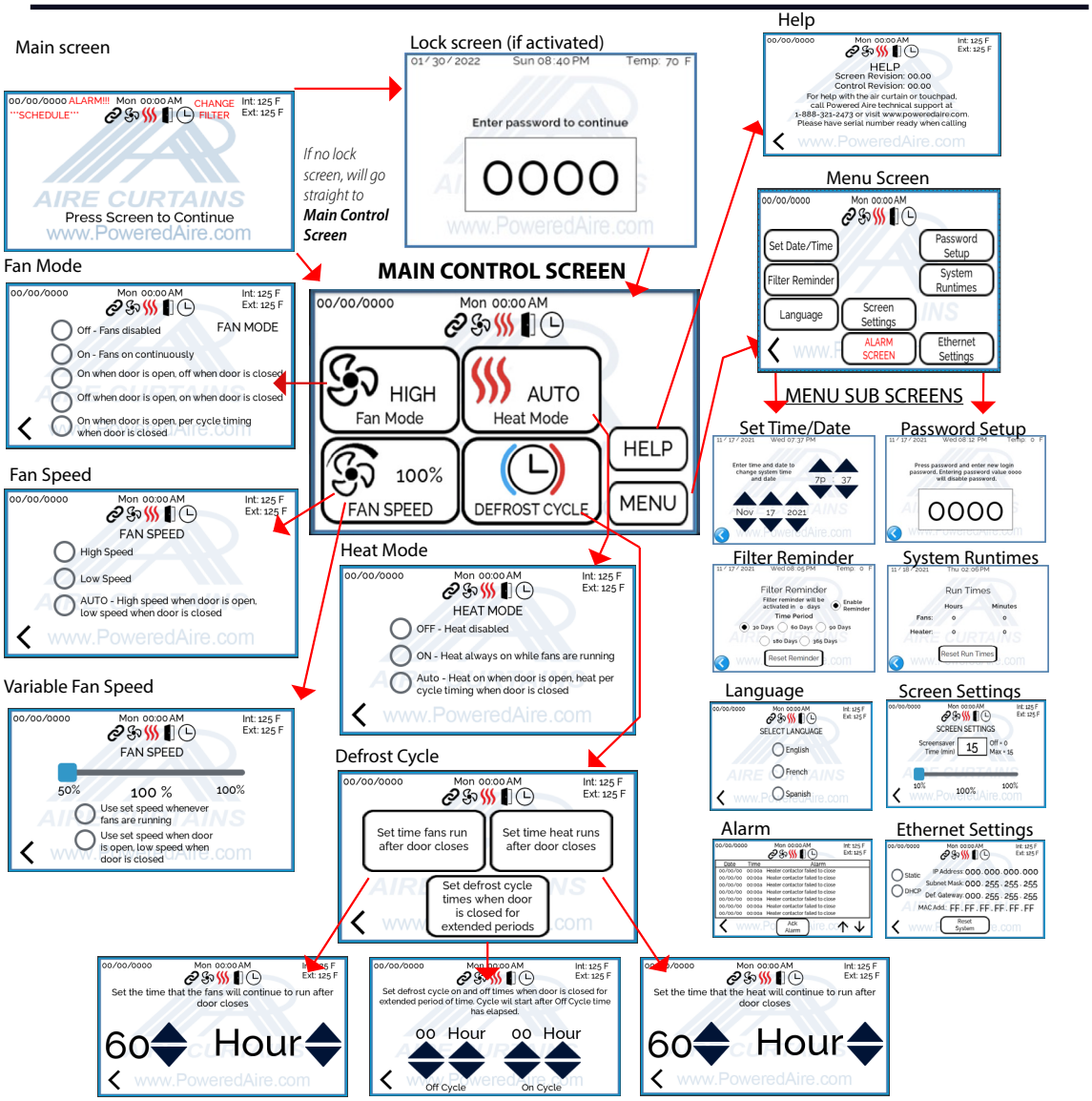
PRODUCT DRAWINGS

Wall/Remote Mount



Touchpad Performance

Hardware	
CPU	32-bit RISC CPU
Real Time Clock (RTC)	Yes
Communication Interface	
CN1	24VDC/CANbus to control board
CN2	Ethernet - BACnet IP, HTML Server (port 80)
WiFi Connection	Connect to router then use unit IP to access server
MMI (Man Machine Interface)	
LCD	4.3" (480W x 272H), 16.7M colors
Backlight Life	>30,000 hours
Brightness	650 nits
Touch Panel	Capacitive Touch
Electrical	
Power Input	24VDC (through RJ-45 port)
Power Consumption	2.5W @ 5VDC
Battery	CR2032-Reversed Polarity
Mechanical	
Dimensions (W x L x H)"	See drawings
Installation	Wall Mount or Air Curtain Mount
Ingress Protection	IP40
Environmental	
Operating Temperature	"-20°C~-+70°C (-4°F~-+158°F)"
Storage Temperature	"-30°C~-+85°C (-22°F~-+185°F)"
Ambient Relative Humidity	Temp < 60C 90%RH Max (96HRS Max) Temp > 60C Absolute humidity must be lower than humidity of 90%RH (96 HRS Max)

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