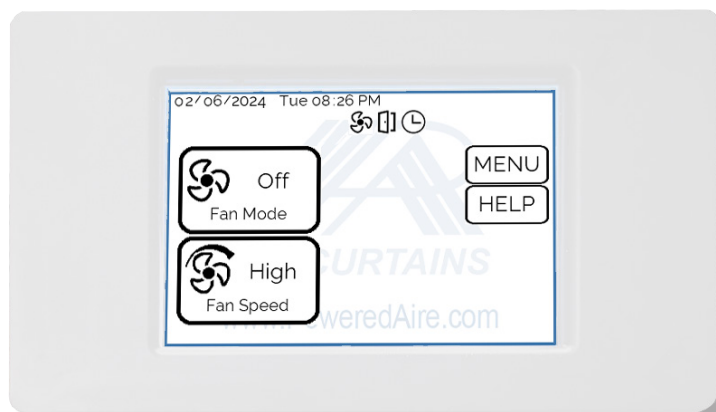# SmartTouch Lite Controller
Technical Data

PRODUCT IMAGE

Low Profile Unit-Mounted case (white)

ALTERNATE VIEWS

Wall-Mount case (white)

Unit-Mount case (black)

FEATURES AND KEY PRODUCT INFORMATION

► Standard Air Curtain control including fan speed, fan mode and other basic functionality

► Unit mounting in slim, low profile case

► Remote mounting connection via Cat5e Ethernet crossover patch or standard Cat6 Ethernet cable

► Compact design enables usage on most Powered Aire models

► Designed and manufactured to be a cost effective, multipurpose control

► Lockable screen

► Back-lit LCD illuminates upon touch for easy/instant visibility regardless of ambient lighting

APPLICATION NOTES

• CR1220 battery stores time settings in event of power failure

• Mounts remotely or directly to air curtain (must be specified when ordering)

• 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

QUESTIONS & TECHNICAL SUPPORT AVAILABLE. CONTACT US DIRECTLY:

Phone Support
1-888-321-Aire (2473)

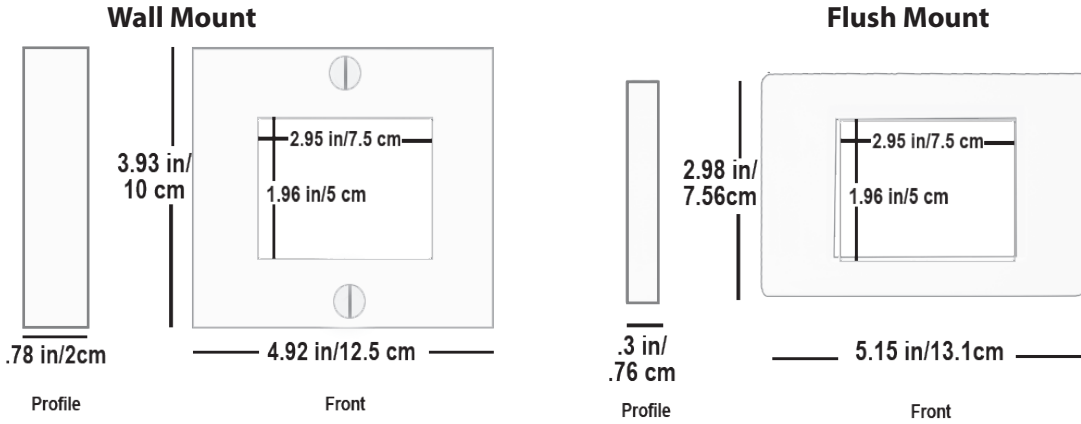**Email Support & Service**
CustomerService@PoweredAire.com

Sales Questions
Sales@PoweredAire.com

PRODUCT DRAWINGS

Wall Mount

3.93 in/ 10 cm
2.95 in/7.5 cm
1.96 in/5 cm
.78 in/2cm
4.92 in/12.5 cm

Profile   Front

Flush Mount

2.98 in/ 7.56cm
2.95 in/7.5 cm
1.96 in/5 cm
.3 in/ .76 cm
5.15 in/13.1cm

Profile   Front

SMARTTOUCH LITE SCREEN SHOTS

Main Screen
06/06/2023 Tue 08:16 PM
AIRE CURTAINS
Touch Screen to Continue
www.PoweredAire.com

Lock screen (if activated)
06/06/2023 Tue 08:17 PM
Enter password to continue
0000
www.PoweredAire.com

If no lock screen, will go straight to Main Control Screen

MAIN CONTROL SCREEN
02/06/2024 Tue 08:26 PM
Off — Fan Mode
High — Fan Speed
MENU
HELP
www.PoweredAire.com

Fan Mode
06/06/2023 Tue 08:25 PM
Fan Mode
○ Off - Fans disabled
○ On - Fans on continuously
○ Auto - Fans are activated by door switch
www.PoweredAire.com

Dual Fan Speed
06/06/2023 Tue 08:26 PM
Fan Speed
○ High speed
○ Low speed
○ Auto - High speed when door is open, low speed when door is closed
www.PoweredAire.com

Variable Fan Speed
06/06/2023 Tue 08:28 PM
Fan Speed
50%   100 %   100%
○ Use set speed whenever fans are running
○ Use set speed when door is open, low speed when door is closed
www.PoweredAire.com

Help
06/06/2023 Tue 08:29 PM
STB HMI Revision: 1.0
STB Control Revision: 0.0
For help with the air curtain or touchpad, call Powered Aire technical support at 1-888-321-2473 or visit www.poweredaire.com. Please have serial number ready when calling
www.PoweredAire.com

Menu Screen
06/06/2023 Tue 08:29 PM
Set Time/Date | Set Time Delay
Password Setup | Filter Reminder
Time Schedule | System Runtimes
www.PoweredAire.com

MENU SUB SCREENS

Set Time/Date
06/06/2023 Tue 08:30 PM
Enter time and date to change system time and date
8p   30
Jun   06   2023
www.PoweredAire.com

Set Time Delay
06/06/2023 Tue 08:30 PM
Delay Time
Set the time that the fans will continue to run after the door closes
00   Sec
www.PoweredAire.com

Password Setup
06/06/2023 Tue 08:31 PM
Press password and enter new login password. Entering password value 0000 will disable password.
0000
www.PoweredAire.com

Filter Reminder
06/06/2023 Tue 08:31 PM
Filter Reminder
Filter reminder will be activated in __ days
□ Enable Reminder
Time Period
○ 30 Days ○ 60 Days ○ 90 Days
○ 120 Days ○ 180 Days ○ 365 Days
Reset Reminder
www.PoweredAire.com

Time Schedule
06/06/2023 Tue 08:30 PM
Enter time and date to change system time and date
8p   30
Jun   06   2023
www.PoweredAire.com

System Runtimes
06/06/2023 Tue 08:32 PM
Run Times
Hours   Minutes
Fans: __   __
Reset Run Times
www.PoweredAire.com

Touchpad Performance

Hardware	
CPU	32-bit RISC CPU
Real Time Clock (RTC)	Yes
Communication Interface	
RJ-45 Port	Serial over Ethernet
Protocol	Custom
MMI (Man Machine Interface)	
LCD	3.5" TFT (Resolution 480x320 pixels 65535 colors)
Backlight Life	>30,000 hours
Brightness	180 nit
Touch Panel	Resistive Touch
Electrical	
Power Input	24VDC (through RJ-45 port)
Power Consumption	2.5W @ 5VDC
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	10% - 90% non-condensing
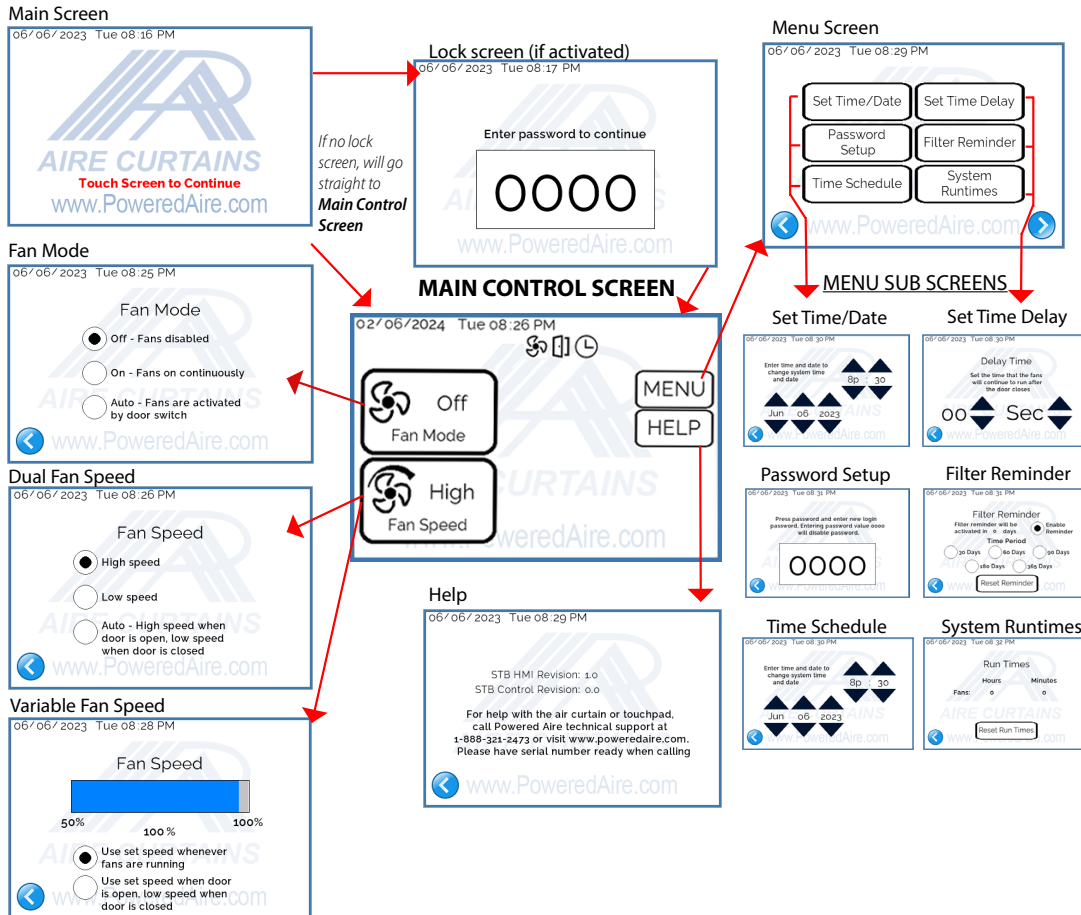
SMARTTOUCH

V12.5.23

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