iControl

Innovative Air Technologies' Integrated PLC System

Available Options

- Multiple I/O module options (discrete and analog)
- Screen sizes from 6" to 15" (color or monochrome)

- Remote data acquisition system
- Data logging capabilities
- Ladder logic programming

- Multiple communication modules
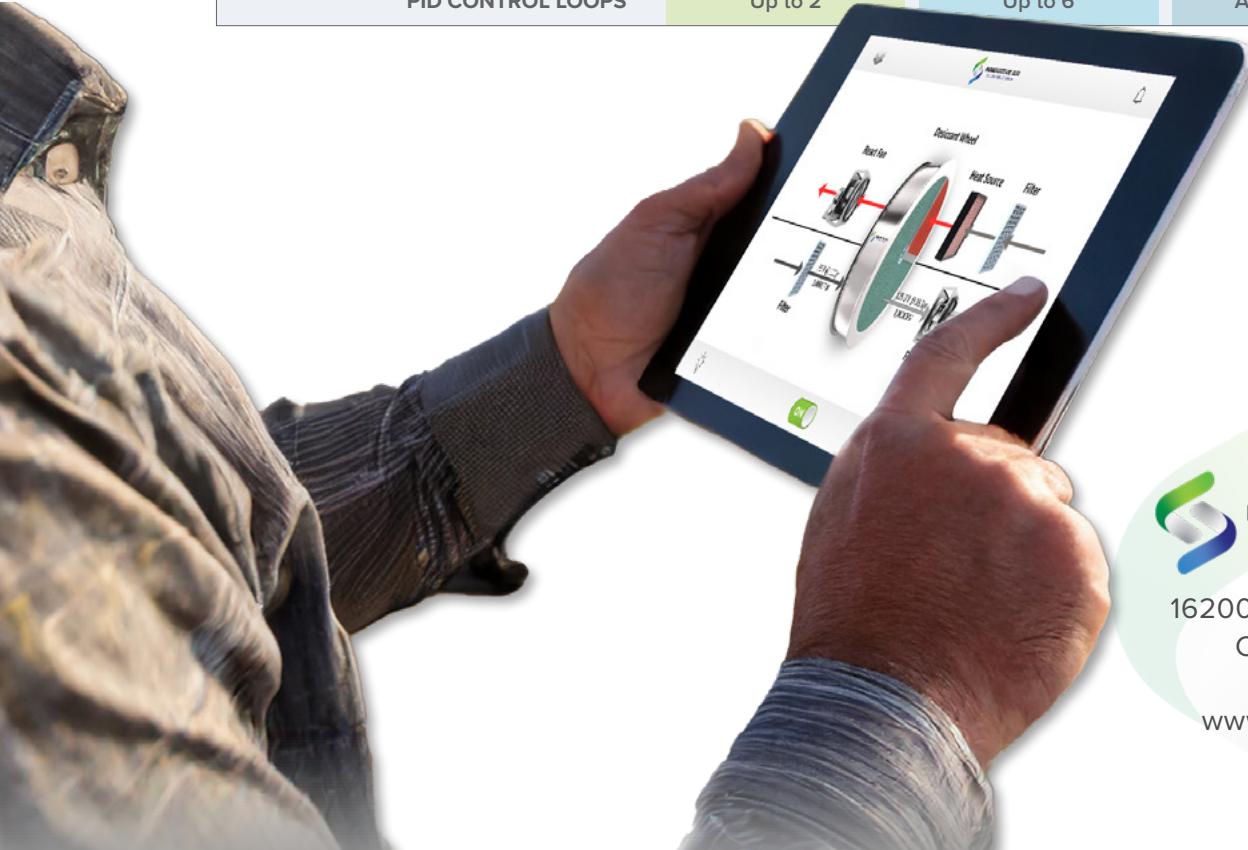- iOS/Android tablet control options

iControl is designed and built to give you all the information about your desiccant dehumidification system in one convenient place while offering superior energy savings during non-peak times. Whether it is remote access control, touchscreen integration, or data logging you are concerned about, IAT's iControl will exceed your PLC expectations.

Our custom iControl PLC system can be custom designed specifically for your company's control and monitoring needs.

iControl Features

	BASIC	PREMIUM	ULTIMATE
STANDARD CONTROLS & SAFETIES	Yes	Yes	Yes
NUMBER OF DIGITAL INPUTS	8	16	16
NUMBER OF DIGITAL OUTPUTS	6	16	16
NUMBER OF ANALOG INPUTS	4	8	16
NUMBER OF ANALOG OUTPUTS	4	8	16
NUMBER OF EXPANSION PORTS	6	3	10
COMMUNICATION ABILITY	Yes, Modbus/Bacnet	Yes, Modbus/Bacnet	Yes, Modbus/Bacnet
TOUCHSCREEN	6" color	12" color	up to 15" color
FILTER MONITORING	No	Optional	Yes
COIL CONTROLS (CW/HW/DX)	No	Yes, up to 2 coils	Yes, unlimited coils
REHEAT CONTROL	Yes, 1 digital out	Yes, digital or analog	Yes, digital or analog
AUTOMATIC AIR VOLUME CONTROLS	No	Yes, Process CFM	Yes, up to 2 airflows
CO_2 CONTROLS FOR ICE ARENAS	No	Yes	Yes
FACE & BYPASS CONTROL	No	Yes	Yes
TABLET CONTROLS	No	Optional	Optional
DATA LOGGING	Optional	Optional	Optional
PID CONTROL LOOPS	Up to 2	Up to 6	As required

INNOVATIVE AIR
TECHNOLOGIES

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