FFUCS FAN FILTER UNIT CONTROL SYSTEMS

FEATURES:

- WALL MOUNTED SPEED CONTROLLER: OFFERS SIMPLE USER CONTROL FOR UP TO 30 FAN FILTER UNITS WITH THE SAME SETPOINT.
- BACnet FLOW CONTROLLER SERVICE TOOL: PROVIDES ACCESS TO BACnet FLOW CONTROLLER (BFC) MENUS AND CONTROLS ON A REMOTE DEVICE FOR EASE OF ACCESS IN LOW CLEAREANCE INSTALLATIONS.
- WEB SERVER: PROVIDES FULL CONTROL AND MONITORING OF FAN FILTER UNITS ON A GRAPHICAL WEB-BASED INTERFACE AND COMMUNICATES WITH A VARIETY OF BUILDING CONTROL SYSTEMS USING BACnet COMMUNICATION PROTOCOL.

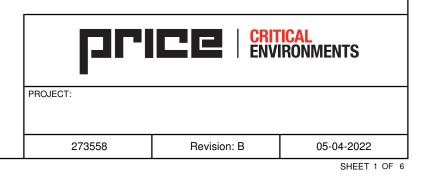




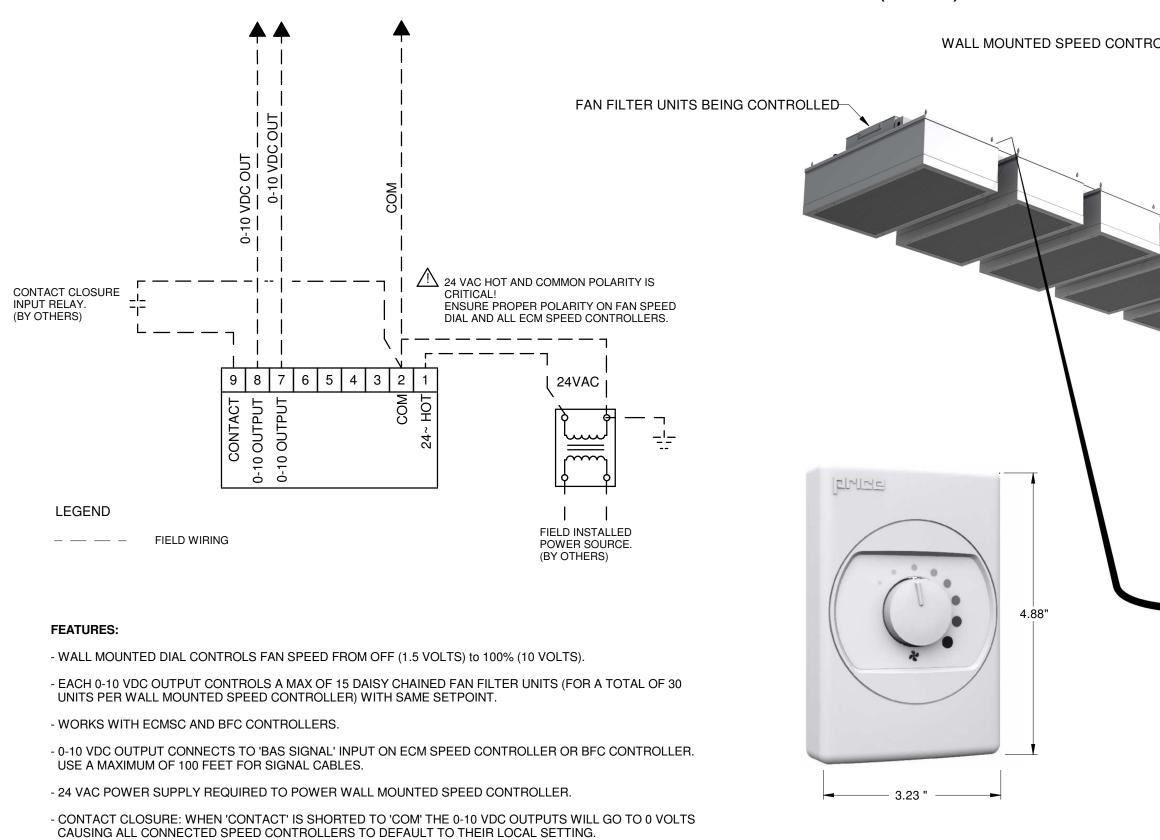
WALL MOUNTED SPEED CONTROLLER (WMSC-30)



BACnet FLOW CONTROLLER SERVICE TOOL (BFC-ST)

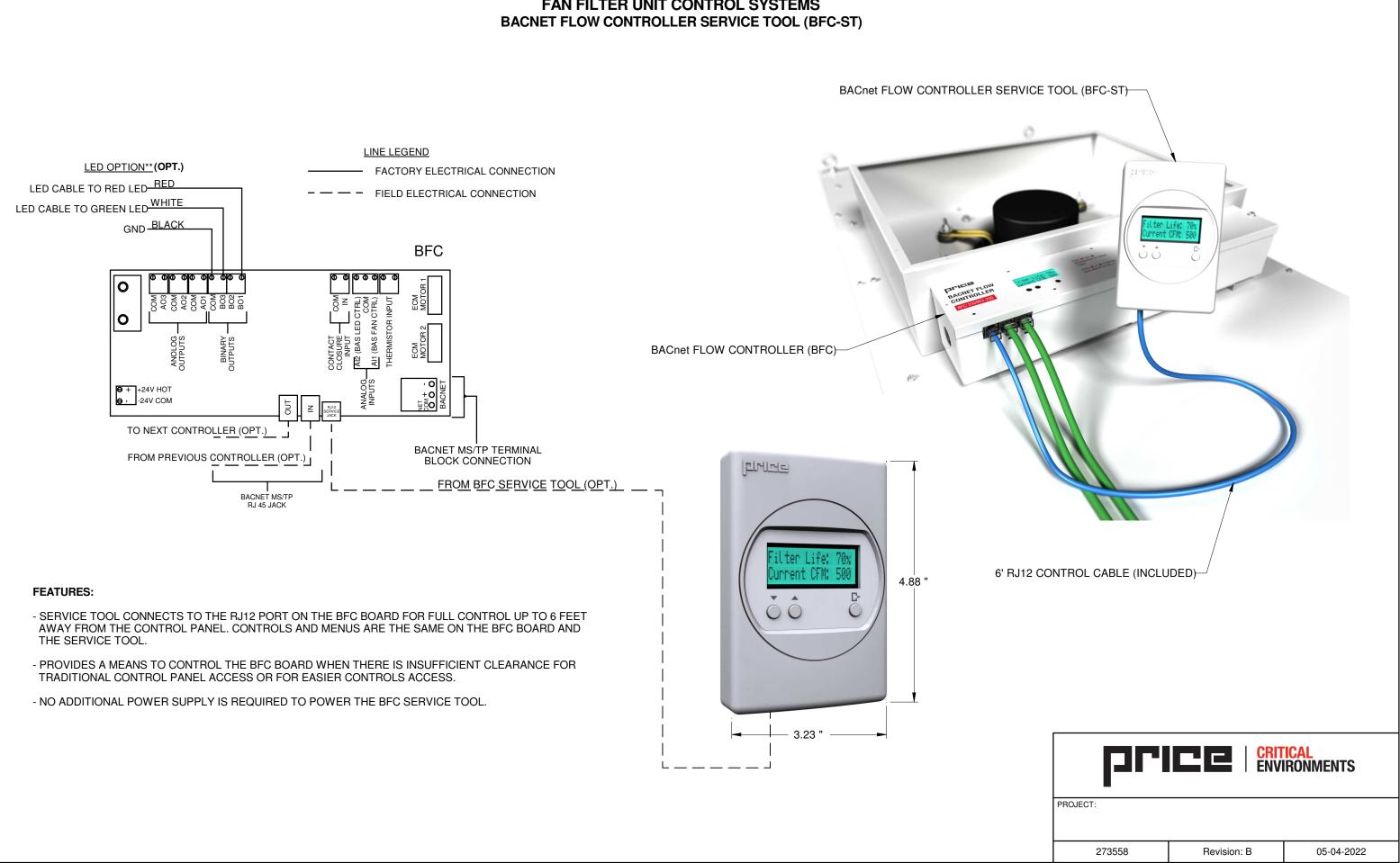


FFUCS FAN FILTER UNIT CONTROL SYSTEMS WALL MOUNTED SPEED CONTROLLER (WMSC-30)



DLLER (WMSC-30)		
└─ 0-10VDC SIGNA	L + GOM	
		Tical /ironments
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FFUCS FAN FILTER UNIT CONTROL SYSTEMS

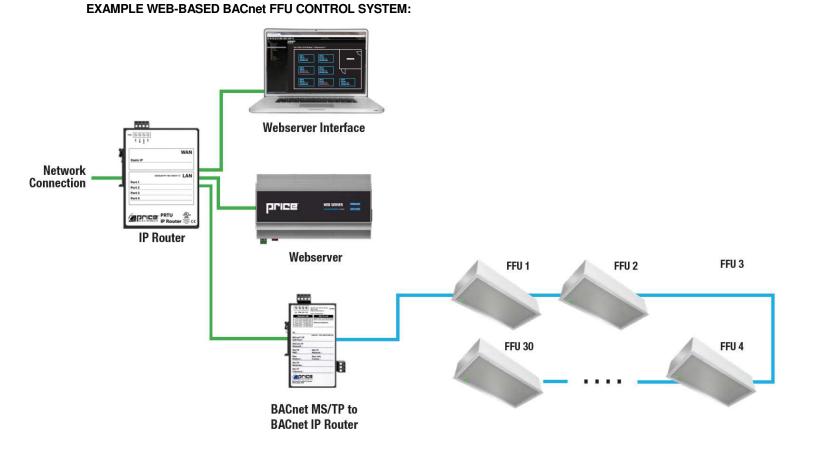


FFUCS FAN FILTER UNIT CONTROL SYSTEMS **BACNET WEB SERVER DEVICES**

WEB SERVER

FEATURES:

- INTERFACE TO BACnet MS/TP DEVICES IN BUILDING VIA WEB ADDRESS
- DISPLAY STATUS OF ETHERNET LAN VIA GREEN AND RED LEDS
- CAN BE CONFIGURED FOR REMOTE ACCESS VIA WEB ADDRESS
- ANIMATED GRAPHIC SCREENS (TO VIEW VARIABLES SUCH AS FILTER STATUS, CFM, FOR EACH FFU & MODIFY SET POINTS AS NEEDED





FFUCS FAN FILTER UNIT CONTROL SYSTEMS **BACNET DEVICES**



BACnet ROUTER

FEATURES:

- CONNECTS BACnet IP/ETHERNET TO BACnet MS/TP SEGMENTS
- DISPLAYS STATUS OF POWER & ETHERNET VIA DIAGNOSTIC LEDs
- CAN BE CONFIGURED IN THE FIELD VIA WEB BROWSER



IP ETHERNET ROUTER

FEATURES:

- CONNECTS BACnet TO BUILDING NETWORK
- DISPLAYS STATUS OF POWER, ETHERNET LAN & WAN VIA DIAGNOSTIC LEDs
- CAN BE CONFIGURED IN THE FIELD VIA WEB BROWSER
- STATEFUL FIREWALL, PAT, NAT & PORT FORWARDING PROPERTIES



IP ETHERNET SWITCH

FEATURES:

- FIVE PORT UNMANAGED ETHERNET SWITCH PROVIDES100 Mbps PERFORMANCE ON ALL PORTS
- ACCEPTS EITHER CROSS-OVER OR STRAIGHT THROUGH CABLES USING AUTO-DMIX PROTOCOL

FILTER UNITS IN A SYSTEM.

- MORE INFORMATION.

EXAMPLE SYSTEMS:

Maximum # of Units	QTY of BACnet Routers	QTY of IP Switches	QTY of IP Router	Web Server
30	1	0	1	1
60	2	0	1	1
90	3	0	1	1
120	4	1	1	1
150	5	1	1	1
180	6	1	1	1
210	7	2	1	1
240	8	2	1	1
270	9	2	1	1
300	10	3	1	1
330	11	3	1	1

- SEE THE BACnet FLOW CONTROLLER MANUAL FOR MORE INFORMATION ON CONTROL SYSTEM OPTIONS.

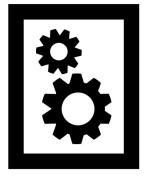
- THE TABLE BELOW SHOWS THE NUMBER OF DEVICES REQUIRED FOR A GIVEN NUMBER OF FAN

- MORE UNITS CAN BE SUPPORTED, CONTACT CRITICAL ENVIRONMENTS APPLICATIONS TEAM FOR

- ASSUMES TWO PORTS ON IP ROUTER ARE FILLED WITH BACnet ROUTERS (i.e. 60 FFUS TOTAL).

CRITICAL ENVIRONMENTS					
PROJECT:					
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FFUCS FAN FILTER UNIT CONTROL SYSTEMS SUPPORTING CONTENT



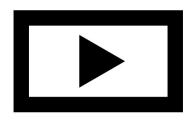
MANUALS

FFU/PURAFLO WIRING DIAGRAMS BACnet WIRING GUIDELINES FOR PRICE CONTROLS MANUAL **BFC BACnet FLOW CONTROLLER MANUAL** FFU/PURAFLO INSTALLATION MANUAL



SUBMITTALS

FAN FILTER UNIT ROOM-SIDE REPLACEABLE FILTER SUBMITTAL FAN FILTER BENCH TOP REPLACEABLE FILTER SUBMITTAL ULTRA FAN FILTER UNIT WITH INTEGRATED LIGHTING SUBMITTAL



VIDEOS

FFU FAN FILTER UNIT CONTROL OPTIONS BACnet FLOW CONTROLLER START-UP GUIDE AND BASICS





FOR MORE INFORMATION ON PRICE FAN FILTER UNITS, VISIT PRICEINDUSTRIES.COM

