FEATURES:

- THE MOST ENERGY EFFICIENT LINE OF FAN FILTER UNITS (FAN FILTER MODULES) ON THE MARKET TODAY, USING 15-50% LESS ENERGY THAN COMPARABLE PRODUCTS
- PROVIDES HIGH VOLUMES OF HEPA FILTERED AIRFLOW (FOR 99.99% REMOVAL OF CONTAMINANTS) AT LOW SOUND LEVELS
- VERSATILE CONSTRUCTION OPTIONS TO SUIT ANY APPLICATION
  - ROOM-SIDE OR BENCH-TOP REPLACEABLE FILTER
  - SUPPLY OR EXHAUST FLOW CONFIGURATIONS IN A VARIETY OF MODULE SIZES
  - FACTORY PROGRAMMED EC MOTOR
- QUICK AND EASY INSTALLATION
**FFU**

**FAN FILTER UNIT WITH BENCHTOP REPLACEABLE FILTER**

**CONSTRUCTION DETAILS AND OPTIONS - SUPPLY**

**STANDARD CONSTRUCTION**
- GALVANIZED STEEL CONTROL BOX WITH DISCONNECT SWITCH
- ALUMINUM PLENUM CONSTRUCTION
- FACTORY INSTALLED LATCHES ON PLENUM FOR TOOL FREE FILTER INSTALLATION/REPLACEMENT (IN FIELD BY OTHERS)
- TOPSIDE MOTOR/BLOWER ACCESS
- BENCHTOP REMOVABLE FILTER, PACKAGED SEPARATELY FOR JOBSITE INSTALLATION BY OTHERS
- EXTRUDED ALUMINUM FILTER FRAME WITH URETHANE GEL
- WALLMOUNTED 115V FAN (DUCTED UNITS)
- STATIC PRESSURE AND AEROSOL SAMPLE PORT
- LAY IN CEILING INSTALLATION ONLY, FOR SURFACE MOUNT INSTALLATION ORDER SEPARATE HGMF FRAME.
  - SEE HGMF SUBMITTAL (271137)
- SQUARE INLET COLLAR
- WASHABLE PRE-FILTER (NON-DUCTED UNITS)

**PLENUM FINISH**
- WASHED MILL ALUMINUM
- B12 STANDARD WHITE

**INLET SIZES**
- NONE (UNDUCTED)
- 10" ROUND
- 12" ROUND
- 14" ROUND

**FILTER**
- HEPA – 2“ – IEST RP CC001 TYPE J
- ULPA – 2“ – IEST RP CC001 TYPE F

**FAN POWER VOLTAGE**
- 115V
- 208V
- 240V
- 277V

**MOTOR**
- PSC MOTOR, 60Hz, 1 PHASE
- EC MOTOR, 50/60 Hz, 1 PHASE

**FAN CONTROLLER**
- PSC MOTOR STANDARD UNIVERSAL SPEED CONTROLLER
- EC MOTOR STANDARD SPEED CONTROLLER
- BACnet FLOW CONTROLLER. MOTOR AND FILTER STATUS OVER BACnet.
  - SEE BFC MANUAL FOR DETAILS. (EC MOTOR ONLY)

**FILTER AND MOTOR STATUS LIGHTS**
- TRI-COLOR FACE MOUNTED LED FILTER AND MOTOR STATUS LIGHT
- BACnet LED MOUNTED FILTER STATUS LIGHT (EC ONLY)

**MOTOR PROGRAM**
- CONSTANT FLOW
- CONSTANT TORQUE

**OPTIONS**
- WALL MOUNTED SPEED CONTROL (SEE FFUCS SUBMITTAL 273558)
- POWER CORD (115V or 277V)
- MERV 8 PRE-FILTER (NON-DUCTED UNITS ONLY)
- MERV 8 PRE-FILTER WITH SIDE ACCESS HOUSING (DUCTED UNITS ONLY)
- WASHABLE PRE-FILTER WITH SIDE ACCESS HOUSING (DUCTED UNITS ONLY)
- NETC12 - 12 FOOT RJ45 NETWORKING CABLE FOR BACnet DAISY CHAIN
- NETC35 - 35 FOOT RJ45 NETWORKING CABLE FOR BACnet DAISY CHAIN

**WHEEL TYPE**
- FC
- BC

**NOMINAL UNIT SIZE**
- 24x24
- 24x36
- 24x48

**LENGTH (L)**
- 23.625
- 35.625
- 47.625

**WIDTH (W)**
- 23.625
- 47.625

**HEIGHT (H)**
- 11.000
- 20.000

**INLET COLLAR (N)**
- 5.625

**FILTER AREA**
- 3.2/1.8/1.6

**MAX AMPS**
- FAN (PSC) (115/240/277)
- FAN (EC) (115/240/277)

**FOR 15/16" (23), 1-1/2" (38) CLEANROOM TEE INSTALLED BY OTHERS**

<svg width="400" height="400" xmlns="http://www.w3.org/2000/svg" viewBox="0 0 400 400"></svg>
FAN FILTER UNIT WITH BENCHTOP REPLACEABLE FILTER

FILTER DETAILS

- FILTER PLEATS RUN PARALLEL TO THE WIDTH (W) DIMENSION
- DIMENSIONS L & W TOLERANCES ±1/16"
- FILTERS COME WITH GASKETED UPSTREAM FLANGE AND CENTER MULLION WITH STATIC PRESSURE PORTS
- EXPANDED PAINTED WHITE SCREEN ON THE DOWNSTREAM SIDE
- FRAME DETAILS:
  - MATERIAL: ANODIZED EXTRUDED ALUMINUM
  - THICKNESS: 5/32" (MINIMUM)
- HEPA FILTERS EFFICIENCY AND LEAK SCAN TESTED TO IEST RP CC001 TYPE J
- ULPA FILTERS EFFICIENCY AND LEAK SCAN TESTED TO IEST RP CC001 TYPE F
- FILTER PACKAGED SEPARATELY FROM DIFFUSER FOR JOB SITE INSTALLATION BY OTHERS

VISIT PRICE INDUSTRIES WEBSITE FOR FILTER QUICK START GUIDE
FFU
FAN FILTER UNIT WITH BENCHTOP REPLACEABLE FILTER
FIELD CONNECTION DETAILS

PRE-WIRED FACTORY CONNECTION
FIELD CONNECTION
G GROUND
N NEUTRAL
L LINE CONNECTION

FAN FILTER UNIT WITH BENCHTOP REPLACEABLE FILTER
HIGH VOLTAGE FIELD CONNECTIONS
G L N

INSTALLATION WORK AND ELECTRICAL WIRING MUST BE COMPLETED BY A CERTIFIED ELECTRICIAN AND/OR QUALIFIED PERSON(S) IN ACCORDANCE WITH APPLICABLE ELECTRICAL CODES AND STANDARDS
MANUALS
FFUPURAFLO INSTALLATION MANUAL
FFUPURAFLO WIRING DIAGRAMS
BACnet WIRING GUIDELINES FOR PRICE CONTROLS MANUAL
BFC BACnet FLOW CONTROLLER MANUAL
FTR BENCH TOP REPLACEABLE (BTR) QUICK START GUIDE
INJ AEROSOL INJECTION PORT USER MANUAL
INJ REMOTE AEROSOL INJECTION PORT INSTALLATION MANUAL
LEDK FILTER STATUS INDICATOR KIT INSTALLATION MANUAL

CATALOG / PERFORMANCE
FFU FAN FILTER UNIT CATALOG
FFU FAN FILTER UNIT PERFORMANCE DATA

SPECIFICATIONS
FFU FAN FILTER UNIT SPECIFICATION
FFU FAN FILTER UNIT EXHAUST FLOW SPECIFICATION

SUBMITTALS
FFU FAN FILTER UNIT CONTROLS SUBMITTAL
FTR REPLACEMENT FILTER SUBMITTAL
HGMF HOSPITAL GRADE MOUNTING FRAME SUBMITTAL

VIDEOS
FFU FAN FILTER UNIT FUNDAMENTALS
FFU FAN FILTER UNIT SYSTEM DESIGN
FFU FAN FILTER UNIT CONTROL OPTIONS
BFC BACnet FLOW CONTROLLER START-UP GUIDE AND BASICS
FILTER TESTING & AEROSOL INJECTION
HIGH PERFORMANCE MANUFACTURING ON CRITICAL ENVIRONMENTS PRODUCTS

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

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