

# MICROGUARD® SEPARATOR STYLE HEPA/ULPA FILTERS

## Metal Construction - Gasket Seal Filters

Request Date: _____	Estimate No. : _____
Requested By: _____	List Price: _____ (Valid for 30 days)
Customer Name: _____	Lead Time: _____ (From receipt of order)
Quantity: _____	

### C - Style Box Construction

(Air flow can be in either direction)

(Cross Section Top View)

<input type="checkbox"/> 16 Gauge Galvanized Steel	<input type="checkbox"/> 16 Gauge 316 Stainless Steel
<input type="checkbox"/> 16 Gauge 304 Stainless Steel	<input type="checkbox"/> .063" Aluminum

### Extruded Box Construction

(Air flow can be in either direction)

(Anodized Extruded Aluminum)

### Double Turned Flange

(Air flow can be in either direction)

<input type="checkbox"/> 18 Gauge Galvanized Steel	<input type="checkbox"/> 16 Gauge 304 Stainless Steel
<input type="checkbox"/> 16 Gauge Galvanized Steel	<input type="checkbox"/> 16 Gauge 316 Stainless Steel
	<input type="checkbox"/> .063" Aluminum

### Single Straight Flange

(Air flow can be in either direction)

<input type="checkbox"/> 18 Gauge Galvanized Steel	<input type="checkbox"/> 16 Gauge 304 Stainless Steel
<input type="checkbox"/> 16 Gauge Galvanized Steel	<input type="checkbox"/> 16 Gauge 316 Stainless Steel

### Single Header

(Air flow can be in either direction)

<input type="checkbox"/> 18 Gauge Galvanized Steel	<input type="checkbox"/> 16 Gauge 304 Stainless Steel
	<input type="checkbox"/> 16 Gauge 316 Stainless Steel

### Double Header

(Air flow can be in either direction)

<input type="checkbox"/> 18 Gauge Galvanized Steel	<input type="checkbox"/> 16 Gauge 304 Stainless Steel
	<input type="checkbox"/> 16 Gauge 316 Stainless Steel

### T - Style

(Air flow can be in either direction)

<input type="checkbox"/> 18 Gauge Galvanized Steel	<input type="checkbox"/> 16 Gauge 304 Stainless Steel
	<input type="checkbox"/> 16 Gauge 316 Stainless Steel

### Header Top and Bottom

(Side View)

(Air flow can be in either direction)

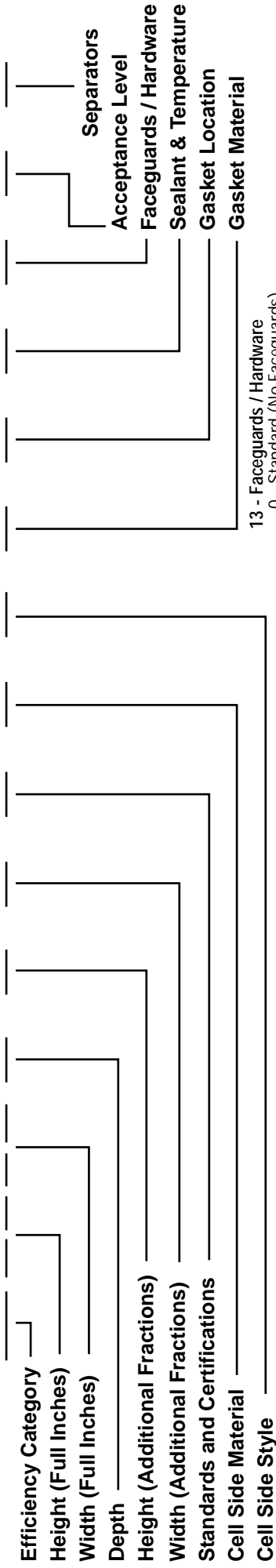
<input type="checkbox"/> 18 Gauge Galvanized Steel	<input type="checkbox"/> 16 Gauge 304 Stainless Steel
	<input type="checkbox"/> 16 Gauge 316 Stainless Steel

# MICROGUARD®

HEPA/ULPA FILTERS (Separator Style) • construction code

## Metal Filters - Gasket Seal

- 1 2 3 4 5 6 - 7 8 9 10 11 12 13 14 15



Efficiency Category

Height (Full Inches)

Width (Full Inches)

Depth

Height (Additional Fractions)

Width (Additional Fractions)

Standards and Certifications

Cell Side Material

Cell Side Style

### 1 - Efficiency

- H - 99.97% or Greater (Microguard 99)
- M - 95% DOP (Microguard 95)

### 2 - Height (Full Inches)

### 3 - Width (Full Inches)

### 4 - Depth

- A - 5-7/8"
- B - 11-1/2"
- D - 9" with 5-7/8" Pack
- H - 8" with 5-7/8" Pack
- J - 14" with 5-7/8" Pack
- L - 18" with 11-1/2" Pack
- M - 20" with 11-1/2" Pack
- N - 22" with 11-1/2" Pack
- P - 6-3/8"
- U - Special with 5-7/8" Pack
- V - Special with 11-1/2" Pack

### 5 - Height (Additional Fractions)

- (Measured in 1/8" increments)
- 0 = None
  - 1 = 1/8" (.125")
  - 2 = 1/4" (.250")
  - 3 = 3/8" (.375")
  - 4 = 1/2" (.500")
  - 5 = 5/8" (.625")
  - 6 = 3/4" (.750")
  - 7 = 7/8" (.875")

### 6 - Width (Additional Fractions)

- (Measured in 1/8" increments)
- 0 = None
  - 1 = 1/8" (.125")
  - 2 = 1/4" (.250")
  - 3 = 3/8" (.375")
  - 4 = 1/2" (.500")
  - 5 = 5/8" (.625")
  - 6 = 3/4" (.750")
  - 7 = 7/8" (.875")

### 7 - Standards and Certifications

(Filters comply with efficiency testing specifications of IEST-RP-CC001.3 per MIL Std. 282)

- 0 - Standard (U.L. Class 1)
- 1 - U.L. 900 Class 1
- 3 - U.L. 586
- 4 - U.L. 586 / U.L. 900 Class 1
- 5 - ASME AG1 (MIL F-51079)
- Y - Special

### 8 - Cell Side Material

- A - 16 Gauge Galvanized Steel
- B - 18 Gauge Galvanized Steel
- E - 24 Gauge Galvanized Steel
- F - .063 Gauge Aluminum
- J - 16 Gauge 304 Stainless Steel
- N - Anodized Extruded Aluminum
- S - 16 Gauge 316 Stainless Steel
- Y - Special

### 9 - Cell Side Style

- 0 - Four Piece Box Construction
- 6 - Metal Header Both Sides - 3/4" x 3/4"
- 8 - Metal Box - "T" Style
- A - Metal Header - 3/4" x 3/4" (MH)
- B - Double Turned Flange (DTF)
- C - Metal Header - 1-1/8" x 3/4"
- D - Single Straight Flange - 3/4" Extension (SSF)
- E - Single Straight Flange - Brackets & Strap (Dollinger Style)
- F - Double Turned Flange - Brackets & Strap

### G - Metal Box "C" Style

- H - Metal Box "C" Style - with Strap
- I - Metal Box "C" Style - Brackets and Strap
- L - Center Post - No Test Ports
- M - Center Post - 3 Test Ports
- N - Center Post - 2 Test Ports
- P - Center Post - 1 Test Port

### 10 - Gasket Material

- 0 - Standard (SCE 43 Neoprene Gasket, 1/4" x 3/4")
- 1 - SCE 43 Neoprene Gasket, 1/4" x 3/4"
- 2 - SCE 43 Neoprene Gasket, 3/4" x 3/4"
- 7 - No Gasket
- B - High Temperature Silicone
- I - Ceramic Fiber, 1/4" x 3/4"
- Y - Special Gasket

### 11 - Gasket Location

- 0 - Standard (Downstream)
- 1 - Upstream
- 2 - Downstream
- 3 - Both Sides
- 4 - Side Access (Two Vertical Sides)
- 5 - No Gasket

### 12 - Sealant and Temperature

- 0 - Standard (Fire Retardant Polyurethane) (180°F)
- 4 - Urethane (U.L. 586)
- 9 - Silicone (500°F)
- C - Ceramic (900°F)
- Y - Special

### 13 - Faceguards / Hardware

- 0 - Standard (No Faceguards)
- 1 - Expanded Aluminum (Downstream)
- 3 - Expanded Galvanized Steel (Downstream)
- 4 - Expanded Galvanized Steel (Both Sides)
- 8 - Extractor Clips (4) (Upstream)
- D - Expanded Aluminum (Both Sides)
- K - Expanded Galvanized Steel (Upstream)
- L - Expanded Aluminum (Upstream)
- S - Stainless Steel Hardware Cloth (Downstream)
- U - Stainless Steel Hardware Cloth (Upstream)
- V - Stainless Steel Hardware Cloth (Both Sides)
- W - White Coated Expanded Metal (Downstream)
- X - White Coated Expanded Metal (Both Sides)
- Y - Special

### 14 - Acceptance Level

- 0 - Standard
- Microguard 99 - 99.97% on .3 microns (IEST-RP-CC001.3 Type A)
- Microguard 95 - 95% on .3 microns
- 1 - 99.97% on .3 microns - Tested at 100% and 20% of rated flow (IEST-RP-CC001.3 Type B)
- 2 - 99.99% on .3 microns
- 3 - Scanned (99.99% on .3 microns)
- 4 - Scanned (99.999% on .3 microns)
- 5 - 99.99% on .3 microns. Also scanned (IEST Type C)
- 6 - 99.999% on .3 microns. Also scanned (IEST Type D)
- 9 - 99.99% on .3 microns - Tested at 100% and 20% of rated flow
- B - 99.97% on .3 microns using PSL
- C - 99.99% on .3 microns using PSL
- Y - Special

### 15 - Separators (Corrugated)

- 0 - Standard Capacity (1000 CFM)
- 1 - Vinyl Coated - Standard Capacity
- 2 - Premium Spacing (1500 CFM)
- 8 - Kraft Paper - Standard Capacity
- C - Special Spacing/Air Flow
- F - High Capacity (2000 CFM)
- P - SC Series
- Y - Special Material