# SPECIFYING CODES

### HEPA-VENT DS MODEL HEP-DS HEPA-FILTER DIFFUSERS

HEP-DS-2448-A-08R-L-F-0-I Example:

#### Model 9

**HEP-DS** = Laminar Flow Diffuser with Terminal HEPA Filter - Dual Seal Knife Edge with hanging tabs

### Width b,d

**12** f = 12"

**24** = 24"

**36** = 36"

Length b,d

**24** = 24"

**36** = 36"

48 = 48"

60 = 60"

**72** = 72"

## Series (average face velocity)<sup>c</sup>

 $A = 20-40 \text{ CFM/ft}^2$ 

B = 45-65

C = 70-100

## Inlet Size (nominal)a,d

Format: {nominal diameter}{shape}

Example: 06R = 6" round

**Diameters Shapes** 06 = 6" $\mathbf{R}$  = round 08 = 8"**S** = square

**10** = 10" SI = oval - side (long side) **12** = 12" EI = oval - end (short side)

**14** = 14"

**16** = 16"

**18** = 18"

**20** = 20"

size required.

## a. Refer to submittals for inlet size availability. Side or end oval inlets available for select sizes of A & B series models only. When ordering, specify equivalent size oval inlet by nominal flex duct

- b. Custom sizes/configurations/options available consult factory. 72" length available in 12" & 24" widths only.
- Where average face velocity is equal to the total diffuser airflow divided by the overall diffuser face area, e.g. a 24" x 48" diffuser handling 240 CFM has an average face velocity of 240  $CFM/8ft^2 = 30 CFM/ft^2$ .
- d. For standard features and dimensions, refer to submittal sheets.
- e. Not available with stainless steel faceplate.
- f. 12" width only available with HEP-DS-A Series up to 48" in length.
- g. Codes shown do not include HEPA filter. Units must be provided with HEPA filter or option "C" in order to achieve cataloged performance. Specify filters according to page 2.
- h. 24 VAC power source for L Filter Load Indicator Light option is not included by PAP.
- i. Hanging tabs, previously an option, are currently standard on all HEPA diffusers.



C = Center diffusion baffle to provide laminar flow in lieu of filter (baffle to be removed if future HEPA filter is installed)

L = 24 VAC Filter Load Indicator Light h

I = Insulation, 1 ½" FSK- backed external

**PB** = Poly-bag protective dust cover

**NF** = Non-Ferrous for MRI application

**2P** = 2-ports for acceptance of pressure transducer or Mag. gauge (by others).

#### Material / Finish

0 = Aluminum / white baked enamel

1 = Aluminum / clear 204-R1 anodized

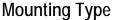
1S = Aluminum / clear 215-R1 anodized

- 2 = Aluminum diffuser / clear 204-R1 anodized, with Stainless Steel faceplate / No. 4 polish
- 3 = Stainless Steel / No. 4 polish
- 4 = Aluminum diffuser / white baked enamel. with Stainless Steel faceplate / No. 4 polish

## Faceplate Style

F = Framed e

W = Wrap-around



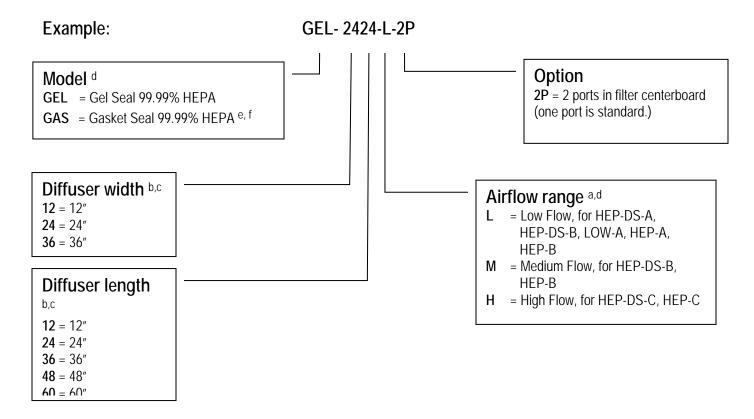
- L = Lay-in (for installation in T-bar ceiling or with plaster frame ordered separately)
- **S** = Surface-mount (with wider flange to cover rough hard ceiling opening). Consult factory for availability of surface-mount option.



# **SPECIFYING CODES**

### **HEPA FILTERS**

for Models HEP-DS, HEP and LOW Diffusers



#### Notes:

- a. Cataloged performance data for LOW-A, HEP-DS-A, HEP-DS-B is based on the LOW FLOW style HEPA filter installed in the unit. HEP-DS-C performance data is based on HIGH FLOW style HEPA filter. If filter is omitted from HEPA-Vent, the diffusion baffle must be substituted in order to achieve cataloged performance data.
- b. Custom sizes/configurations/options available consult factory. 72" length available in 12" & 24" widths only.
- c. Specify the diffuser length and width, NOT the actual filter length and width. For actual filter dimensions, refer to submittal sheets.
- d. For standard features and dimensions, refer to submittal sheets.
- e. CAUTION: Gasket seal filter is NOT for use with HEP-DS series units; only use gasket seal filters as replacements for LOW-A series or existing HEP-A & HEP-B Series diffusers with single extruded knife-edge design.
- f. Gasket seal filters are of limited availability for existing replacement filter orders only, not for sale with new diffuser orders.

