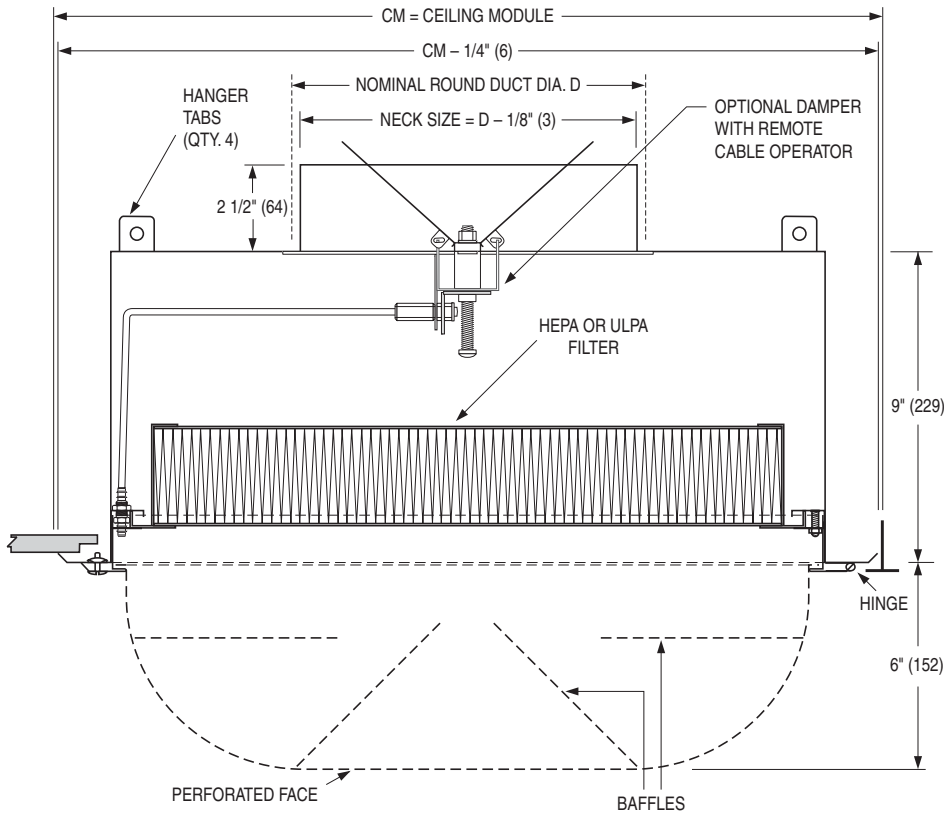


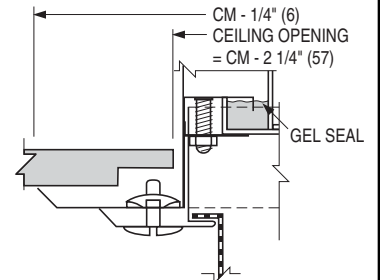


# RADIAL PATTERN DIFFUSER

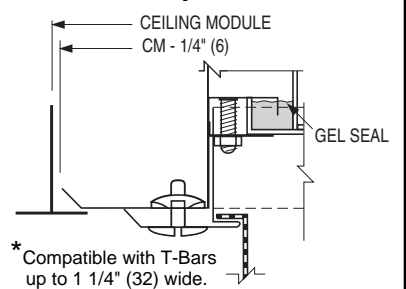
180 DEGREE • STAINLESS STEEL  
PERFORATED FACE • HEPA OR ULPA FILTER  
MODEL: 92RPDF-2SS



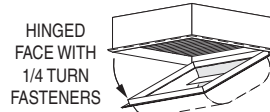
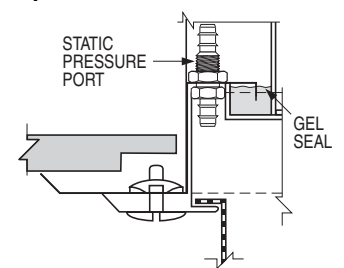
### TYPE S Surface Mount Detail



### TYPE L\* Lay-in T-Bar Detail



### Optional Static Pressure Port



### Ceiling Module Sizes

Imperial Modules		Metric Modules			
Imperial Units (inches)		S.I. Units (mm)		S.I. Units (mm)	
D	CM	D	CM	D	CM
8, 10	24 x 24	203, 254	610 x 610	203, 254	600 x 600
10, 12	24 x 48	254, 305	610 x 1219	254, 305	600 x 1200

### DESCRIPTION:

The Model 92RPDF-2SS Radial Pattern Diffuser has been designed to provide low aspiration and high ventilation rates especially for clean room applications such as research laboratories, animal labs, food processing, hospital rooms and computer rooms.

The unique design of solid baffles in an intrusive perforated face can handle large volumes of air with low initial face velocities. They are designed to accommodate a Gel Seal HEPA or ULPA filter. The filters can be easily removed and replaced from the face of the unit.

The plenum is factory DOP scan tested for leaks in accordance with Standard IEST-RP-CCO34.3.

The 92RPDF-2SS introduces air in a semi-cylindrical radial flow pattern, flushing a room with large volumes of clean conditioned air, minimizing entrainment and hence mixing with contaminated air whilst still allowing low room air velocities.

### CONSTRUCTION:

- 304 stainless steel perforated face with 3/32" (2.4) dia. holes on 60 degree 1/4" (6) staggered centers (13% free area). The face of the diffuser is attached to the plenum with two stainless steel hinges. The opposite side is secured with 1/4 turn fasteners. The diffuser face simply hinges down for easy access to the interior for cleaning.
- 304 stainless steel fully welded plenum and baffles.
- HEPA Filter: Clear anodized extruded aluminum filter frame with port for damper adjustment.
- Standard finish is #4 Satin Polished finish.

### OPTIONS:

- Finish:
- AW Appliance White.
  - 316 316 Stainless Steel construction.
  - UL ULPA Filter (99.9995% on 0.12 µm).
  - FBO Filter by others.
  - BDS Butterfly damper, Stainless Steel (face operated).
  - BDSR Butterfly damper with remote cable operator, Stainless Steel.
  - SPP Static pressure test/DOP port.
  - DDM DOP Dispersal manifold with injection port.
  - SP Special \_\_\_\_\_.

Dimensions are in inches (mm).

### SCHEDULE TYPE:

### PROJECT:

### ENGINEER:

### CONTRACTOR:

DATE	B SERIES	SUPERSEDES	DRAWING NO.
12 - 12 - 11	9200-SS	3 - 30 - 11	92RPDF-2SS