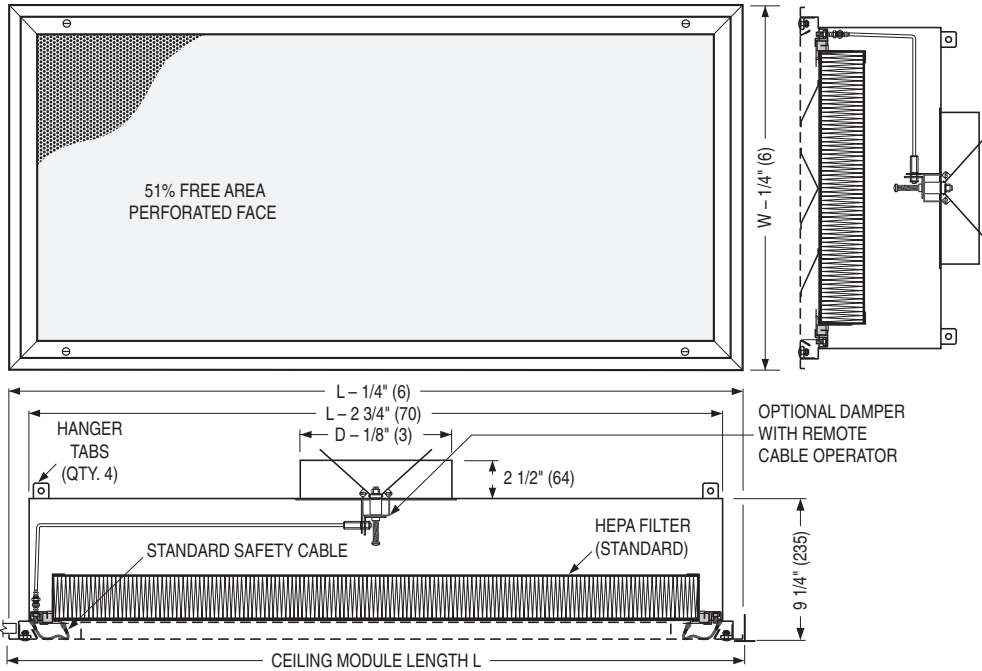
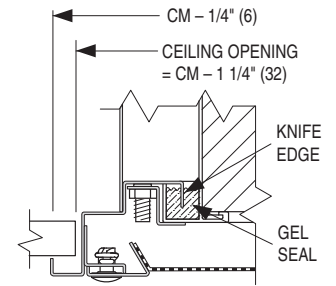




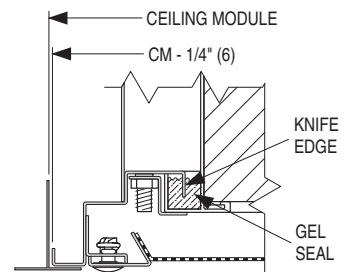
RADIAL PATTERN DIFFUSER – FLUSH FACE
 90° PATTERN • STAINLESS STEEL • CRITICAL ENVIRONMENT
 APPLICATIONS • REMOVABLE PERFORATED FACE
 HEPA OR ULPA FILTER • DOP SCAN TESTED
MODEL: 92FRPF-1SS



TYPE S Surface Mount Detail

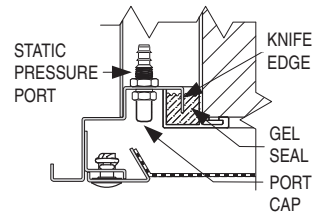


TYPE L* Lay-in T-Bar Detail



* COMPATIBLE WITH T-BARS UP TO 1 1/2" (38) WIDE

Optional Static Pressure Port



Ceiling Module Sizes L x W & Nominal Round Duct Sizes D

L x W	Imperial Modules (inches)		24 x 24	36 x 24	48 x 24	60 x 24
	Metric Modules (mm)		600 x 600	900 x 600	1200 x 600	1500 x 600
Duct Size D	(inches)		6, 7, 8	6, 7, 8, 10	7, 8, 10, 12	10, 12
	(mm)		152, 178, 203	152, 178, 203, 254	178, 203, 254, 305	254, 305

DESCRIPTION:

The Model 92FRPF-1SS Flush Face Radial Pattern Diffuser has been designed to provide low aspiration at high ventilation rates, especially for clean room applications such as research laboratories, animal labs, food processing, hospital rooms and computer rooms. The diffuser includes specially designed baffles and an extended plenum with a unique frame that is designed to accommodate a Gel Seal HEPA or ULPA filter. The filters can be easily removed and replaced from the face of the unit. This design provides large volumes of air at low initial velocities. The plenum is factory DOP scan tested for leaks in accordance with Standard IEST-RP-CCO34.3. The 92FRPF-1SS model introduces air in a 90 degree radial flow pattern for perimeter applications, flushing a room with large volumes of clean conditioned air, minimizing entrainment and hence mixing with contaminated air, while still allowing low room air velocities.

CONSTRUCTION:

- 304 stainless steel frame and perforated face with 3/16" (5) dia. holes on 60 degree 1/4" (6) staggered centers (51% free area). The face plate is removable for cleaning and is secured by 1/4 turn fasteners.
- 304 stainless steel fully welded plenum and baffles.
- Standard safety cables prevent accidental dropping of removable face.
- HEPA Filter: Clear anodized extruded aluminum filter frame with port for damper adjustment.
- Standard finish is #4 Brushed Satin Polished.

OPTIONS:

- 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.
 - CPM DOP/PAO Challenge Port and Manifold.
 - STC Scan Testing Certificate.
- Finish:
- AW Appliance White.
 - SP Special _____ .

SCHEDULE TYPE:		Dimensions are in inches (mm).			
PROJECT:					
ENGINEER:	DATE	B SERIES	SUPERSEDES	DRAWING NO.	
CONTRACTOR:	9 - 2 - 16	9200	12 - 12 - 11	92FRPF-1SS	