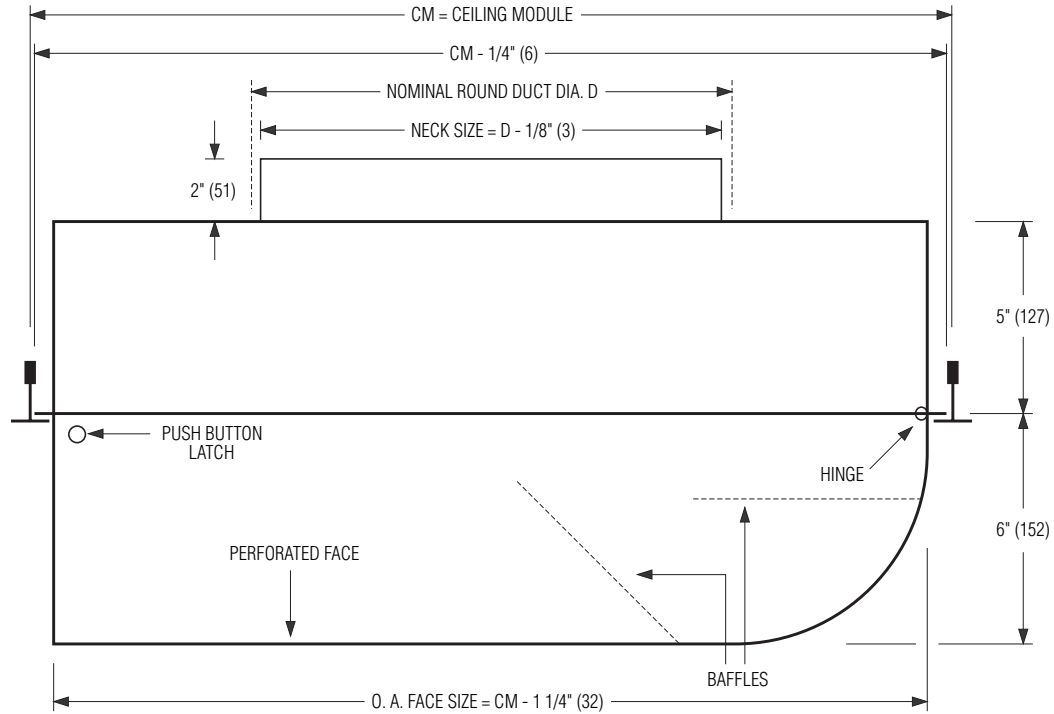




**RADIAL PATTERN DIFFUSER**  
**90 DEGREE • TYPE L LAY-IN**  
**MODEL: 92RPD-1**



**TYPE L\* LAY-IN T-BAR**  
**CEILING MODULE SIZES**

IMPERIAL MODULES				METRIC MODULES	
IMPERIAL UNITS (IN)		S.I. UNITS (MM)		S.I. UNITS (MM)	
D	CM	D	CM	D	CM
8, 10	12 x 48	203, 254	305 x 1219	203, 254	300 x 1200
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

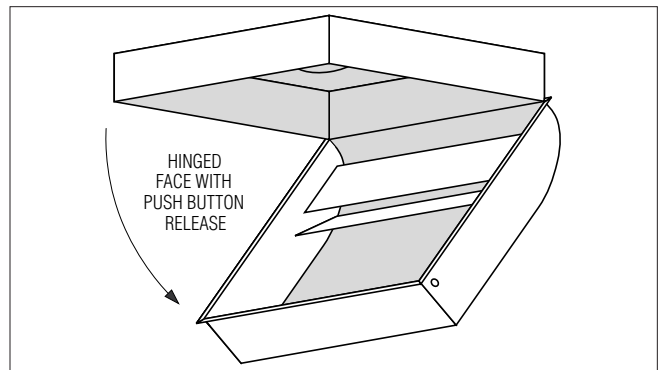
\*Compatible with 15/16" (24) and 1" (25) wide T-Bars only.

**DESCRIPTION:**

The Model 92RPD-1 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.

The 92RPD introduces air in a 90 degree 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:**

1. Aluminum perforated face with 3/32" dia. holes on 1/4" (6) staggered centers (13% free area). The face of the diffuser is attached to the plenum with a full length hinge and secured with wingnuts. The opposite side is secured with a push button latch mechanism. The diffuser face simply hinges down for easy access to the interior for cleaning or may be completely removed.
2. Aluminum extruded baffles secured with flush drive screws.
3. Corrosion resistant steel distribution plenum.
4. AW Appliance White baked enamel finish.

**OPTIONS:**

Aluminum backpan.

**Finish:**

AAW Acrylic (Appliance White).

SP Special \_\_\_\_\_ .

<b>SCHEDULE TYPE:</b>		Dimensions are in inches (mm).			
<b>PROJECT:</b>					
<b>ENGINEER:</b>	<b>DATE</b>	<b>B SERIES</b>	<b>SUPERSEDES</b>	<b>DRAWING NO.</b>	
<b>CONTRACTOR:</b>	4 - 20 - 10	9200	11 - 14 - 07	92RPD-1	