

### APPLICATION

The PSD20 is available to architects and engineers who require design and construction superior to the industry standard. For instance, the air pattern controller allows for 180° adjustment of the discharge direction from the face of the diffuser. The smooth aerodynamic curvature of the adjustable pattern controller produces a tight ceiling-hugging horizontal patterns even at low pressure



### FEATURED STANDARD CONSTRUCTION

- **Slot Diffuser:**
  - Constructed from extruded aluminum pattern controls
- **Plenum Box:**
  - Constructed from 24Ga galvanized steel
- **Blades:**
  - Constructed from extruded aluminum
  - The fully adjustable blades with gasket on the top allow for air pattern to be controlled along the ceiling, straight down or at the same intermediate setting
  - The deflection blades are designed so that when in right or left position the gasket at the top of the pattern controller seats against the inside of the plenum wall assuring an angular throw
- **Slots:**
  - Spacing: S = 3/4" , S = 1" , S = 1.5"
  - Number: 1,2,3 or 4 Slots
- **Finish:**
  - Plenum Box: Mill finish
  - Slot Diffuser: RAL9010 (*Pure White, Semi Matt*)
- **Standard Length Sizes:**
  - 20", 24": 1 blade per slot
  - 40", 48": 2 blades per slot
- **Standard Number of Inlets:**
  - 1 inlet per 1 meter
- **Standard Inlet Sizes:**
  - 6", 8", 10" and 12"

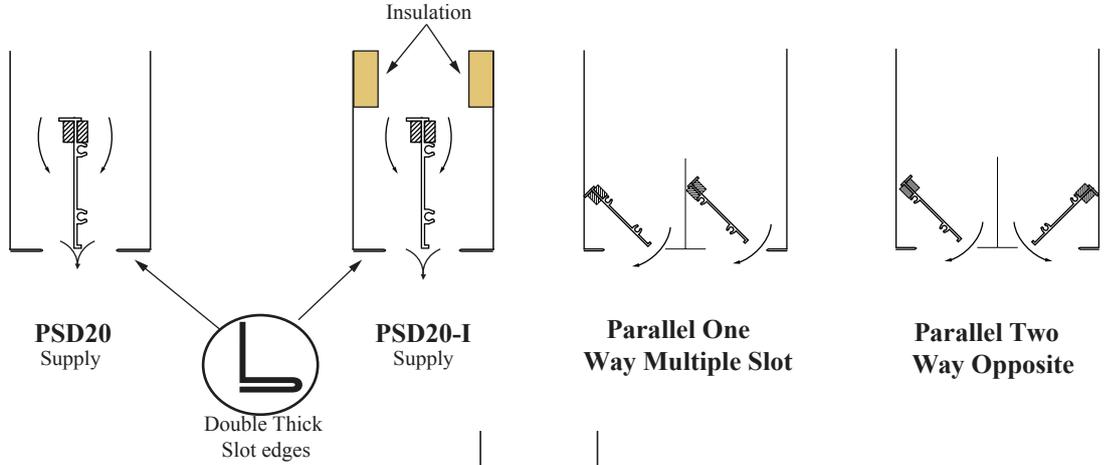
*N.B: - The available lengths of 12" inlet size are 40" and 48"*

### OPTIONS

- With 15 mm clean liner insulation
- Plenum Mounting Bracket
- Any RAL color upon request
- Non standard module length
- Multiple number of inlets
- With shipped loose Round Volume Control Damper

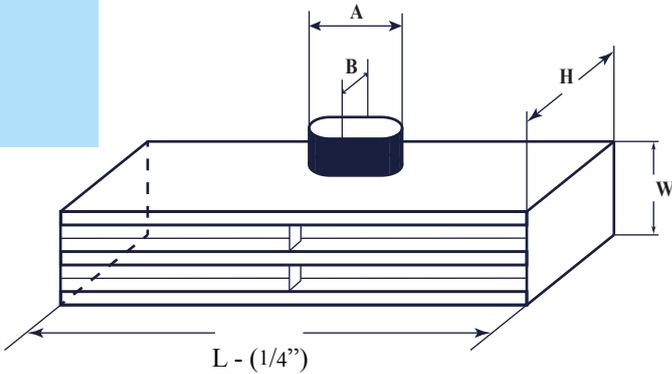
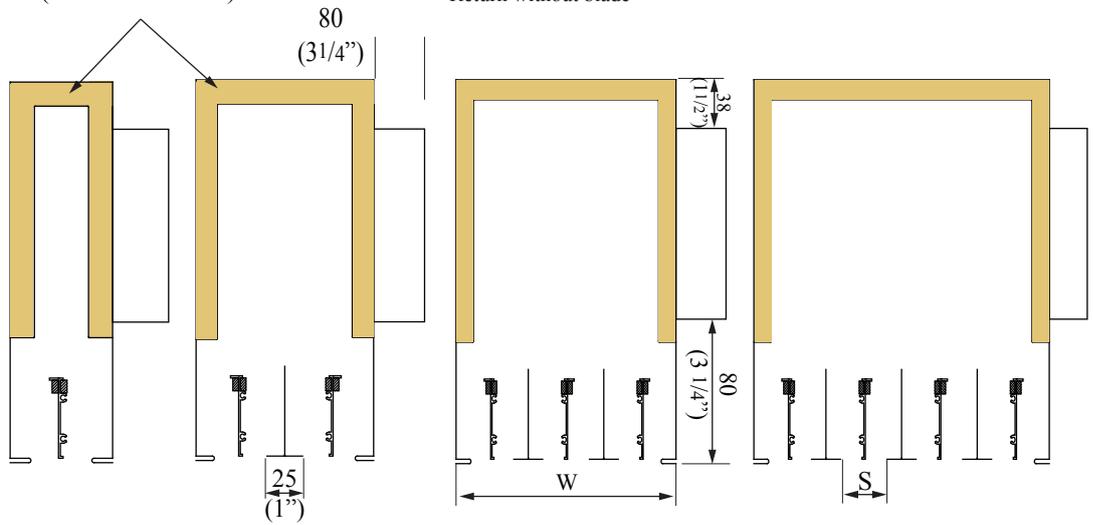
## RECTANGLE PSD20

### ILLUSTRATIONS



Optional Internal Insulation (PSD20-I models)

RPSD20  
Return without blade



Standard Inlet Size	Dimensions		
	A mm	B mm	H mm
6": Oval	160	130	254
8": Oval	230	130	254
10": Oval	320	130	254
12": Oval	380	130	254

	W mm			
	Number of Slots			
	1	2	3	4
S = 3/4"	45	89	130	178
S = 1"	50	100	150	200
S = 1 1/2"	63	125	190	250