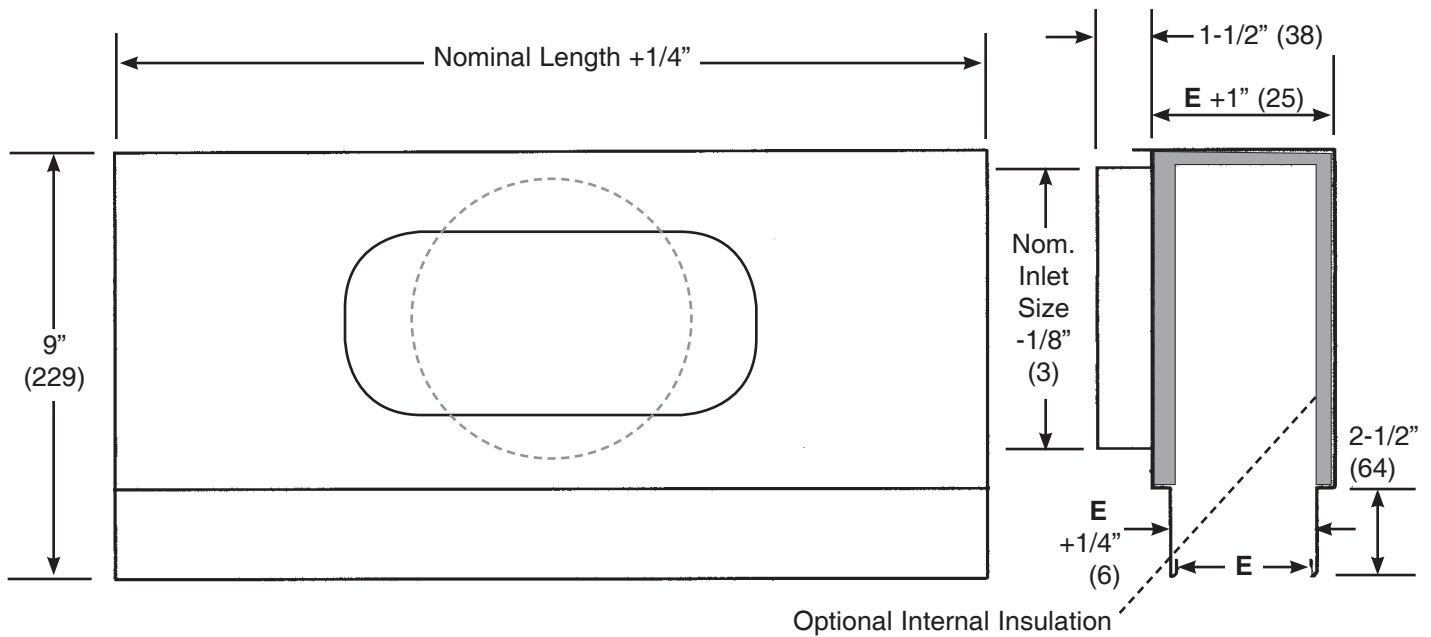


Imperial [IP] Dimensions  
Metric (SI) in Parentheses

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Optional Internal Insulation

Dimensions for Widebody Diffuser (Dimension "E")				
Slot Width	Surface Mount		Mud In	
	Slot Quantity		Slot Quantity	
	1	2	1	2
1" (25)	3" (76)	5-3/8" (137)	3" (76)	Not Recomm.  Contact Factory
1-1/2" (38)	3-1/2" (89)	6-3/8" (162)	3-1/2" (89)	
2" (51)	4" (102)	7-3/8" (187)	4" (102)	
2-1/2" (64)	5-3/4" (146)	10-7/8" (276)	4-1/2" (114)	
3" (76)	6-1/4" (159)	11-7/8" (302)	5" (127)	

**Notes:**

- Construction is 24 gauge galvaneal steel.
- When specified, insulation is 1/2" (13), 2-pound density mat finish fiberglass.
- Inlets are oval as standard. Round inlets are available upon request for an additional charge. Height of plenum with round inlet will be diameter plus 4" (102).
- Metric dimensions are shown in millimeters.
- Recommend Ceiling Opening:
  - Length - nominal size + 1/4"
  - Width - E + 1/2"
- For lay in applications, plenum is length - 1/4".

Volume Damper Option D
When specified, a single blade volume control damper is shipped installed in the inlet collar. The damper is accessible through the slot in the face of the diffuser.

Continuous Run Length Option 2
For continuous run applications the plenum must be slightly shorter than the diffuser to minimize interference in mounting. When specified, Option 2 provides that the plenum length is shortened by 1/4" (6).

Dimensions for Channelaire Diffuser (Dimension "E")								
Slot Width	Slot Quantity							
	1	2	3	4	5	6	7	8
1/2" (13)	1-5/8" (41)	2-15/16 (75)	4-1/4" (108)	5-9/16" (141)	6-7/8" (175)	8-3/16" (208)	9-1/2" (241)	10-13/16" (275)
3/4" (19)	1-7/8" (48)	3-7/16" (87)	5" (127)	6-9/16" (167)	8-1/8" (206)	9-11/16" (246)	11-1/4" (286)	12-13/16" (325)
1" (25)	2-3/8" (60)	4-7/16" (113)	6-1/2" (165)	8-9/16" (217)	10-5/8" (270)	12-11/16" (322)	14-3/4" (375)	16-13/16" (427)