

MODEL

- TADHF - Radial face critical room supply diffuser with HEPA filter brackets and backpan; aluminum construction
- TADSSHF - Radial face critical room supply diffuser with HEPA filter brackets and backpan; stainless steel construction

FEATURES

- Air Patterns: 90° (1-way) or 180° (2-way)
- High volume, draft free
- Excellent choice for clean air environment applications
- Aluminum construction

INLET SIZES

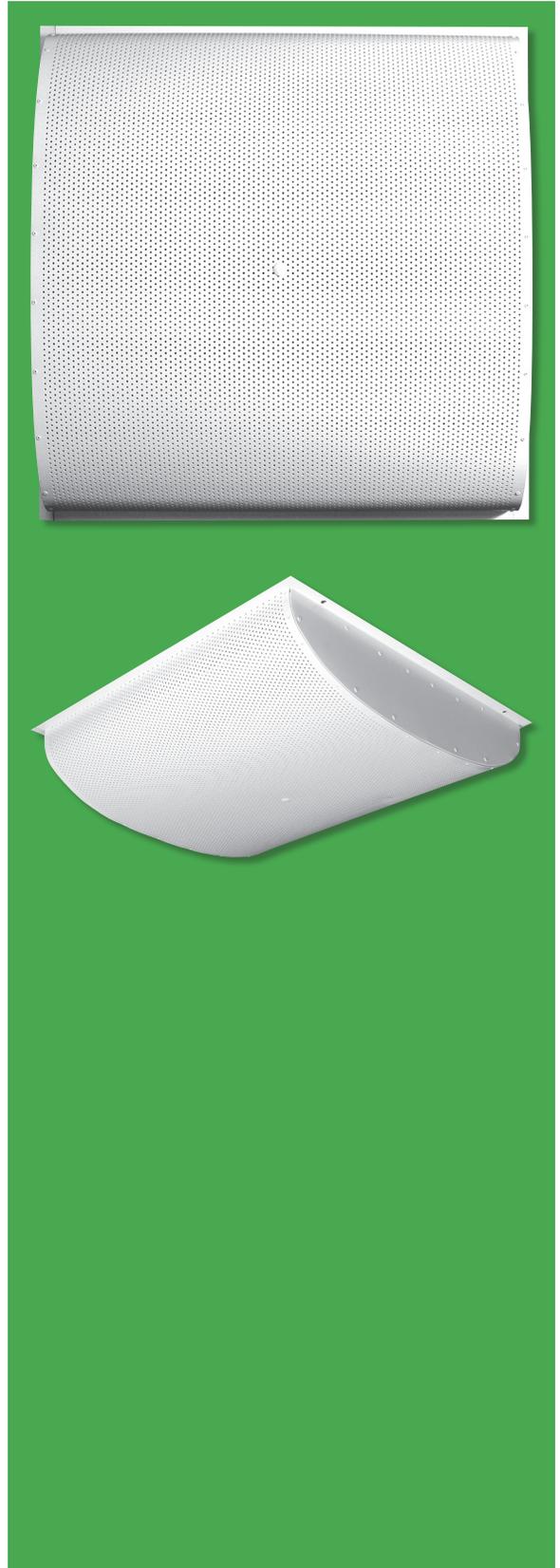
- Round: 8", 10", 12"

PANEL SIZES

- 24"x24"
- 48"x24"

COMPATIBLE OPTIONS AND ACCESSORIES

- Stainless steel construction
- TADFILTER - HEPA filter for TADHF and TADSSHF



CRITICAL ENVIRONMENT

TADHF / TADSSHF

WEB SEARCH: TADHF or TADSSHF

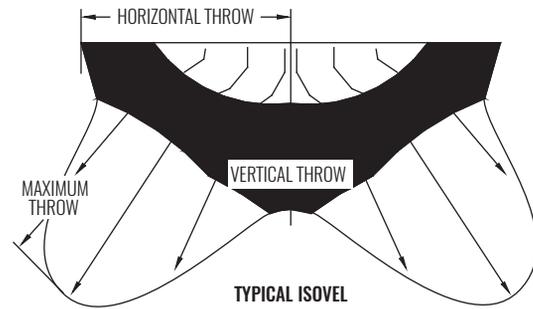
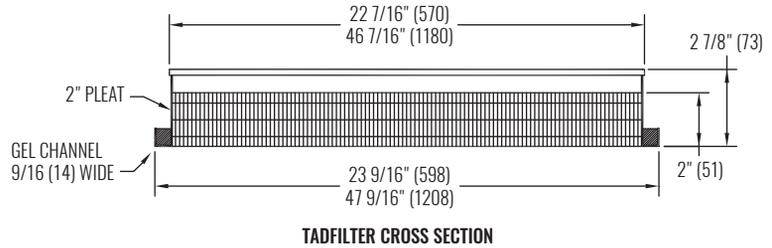
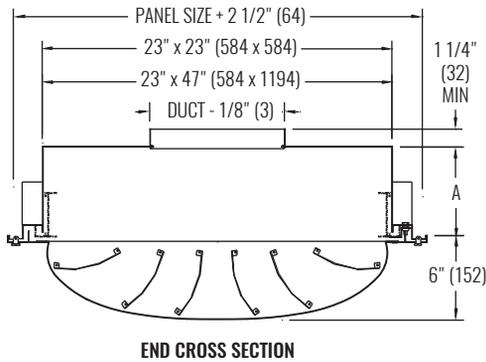
TADHF / TADSSHF

Critical Room, Radial Flow Diffuser with HEPA Filter



CRITICAL ENVIRONMENT

DIMENSIONAL DATA



DIMENSIONS - FOR 2-WAY UNITS (180° AIR PATTERN)		
PANEL SIZE	A	DUCT SIZE
24" x 24" (610 x 610)	6 1/16" (154)	8" (203)
24" x 48" (610 x 1219)	6 13/16" (173)	10" (254)
24" x 48" (610 x 1219)	7 9/16" (192)	12" (305)

NOTES: Dimensions in parentheses are millimeters (mm). 180°, 2-way throw shown; 90°, 1-way throw is available. Safety cables standard (4 per unit). Recommended filter: TADFILTER.

NOTES: Test cell dimensions 12'x12'x9'. Tested with optional backpan.

TADHF / TADSSHF

PERFORMANCE DATA

PATTERN AND SIZE			PERFORMANCE											
THROW PATTERN	PANEL SIZE		INLET DIA.	NECK VEL	AIR FLOW	Pt	Ps	ΔT	THROW, ft @ FPM					NC
	W	L							HORIZONTAL		MAX	VERTICAL		
	in.	in.							100	50	50	100	50	
90°	24"	48"	12"	1019	800	0.177	0.11	-5	5	6	12	7	-	26
	24"	48"	12"	1019	800	0.177	0.11	-15	4	5	11	8	-	26
	24"	24"	8"	1147	400	0.210	0.13	-5	5	8	12	6	9	18
	24"	24"	8"	1147	400	0.210	0.13	-15	4	6	9	7	-	18
	12"	48"	8"	1147	400	0.229	0.15	-5	3	4	9	3	4	26
	12"	48"	8"	1147	400	0.229	0.15	-15	2	4	8	4	7	26
180°	24"	48"	12"	1019	800	0.167	0.10	-5	3	4	10	3	5	29
	24"	48"	12"	1019	800	0.167	0.10	-15	2	4	8	4	8	29
	24"	24"	8"	1147	400	0.197	0.12	-5	3	4	9	4	7	21
	24"	24"	8"	1147	400	0.197	0.12	-15	2	3	8	8	-	21

NOTES: Information shown is abbreviated. See website for complete information. Throw values are given for isothermal conditions and terminal velocities of 100 and 50 FPM (0.50 and 0.25 m/s). NC values are based on octave band 2 - 7 sound power levels minus a room absorption of 10dB, re 10⁻¹² Watts. Data was obtained from tests conducted in accordance with ANSI/ASHRAE Standard 70, ISO Standard 5219, and ISO Standard 3741.

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