

MODEL

- 5RFHF - Flush face critical room supply diffuser with HEPA filter brackets and backpan; aluminum construction
- 9RFHF - Flush face critical room supply diffuser with HEPA filter brackets and backpan; stainless steel construction

FEATURES

- 90° and 180° discharge air patterns
- Removable flush face
- High volume, draft free

INLET SIZES

- Round: 8", uses 24"x24" panel size only
- Round: 10", uses 24"x24" and 48"x24" panel sizes
- Round: 12", uses 48"x24" panel size only

FRAME STYLES

- F22 - Surface mount ¹
- F23 - Lay-in T-bar

PANEL SIZES

- 24"x24"
- 48"x24"

COMPATIBLE OPTIONS AND ACCESSORIES

- Surface mounting frames
- RFFILTER - HEPA filter for 5RFHF and 9RFHF

NOTES:

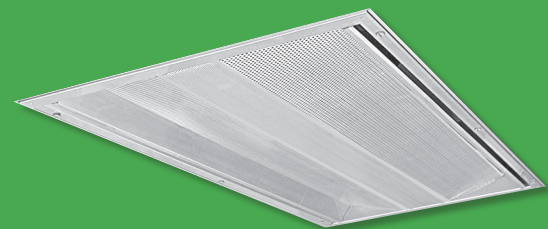
¹ F22 includes separate plaster frame, shipped loose for field installation (model 5HCF23).



RADIAFLO™ 90°, 1-WAY



RADIAFLO™ 180°, 2-WAY



CRITICAL ENVIRONMENT

RADIAFLO (5RFHF / 9RFHF)

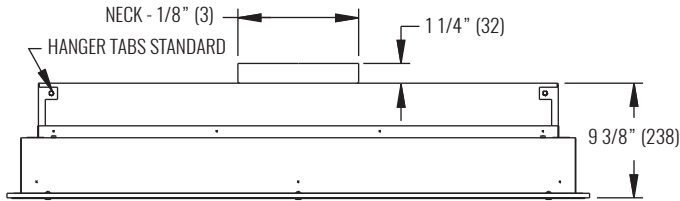
WEB SEARCH: 5RFHF or 9RFHF

RADIAFLO (5RFHF / 9RFHF)

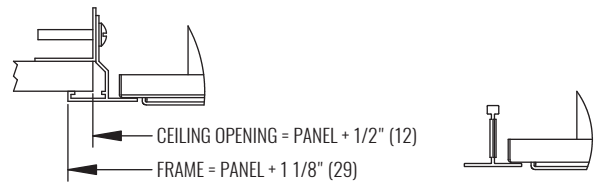
Critical Room, Flush Face Diffuser with HEPA Filter



DIMENSIONAL DATA

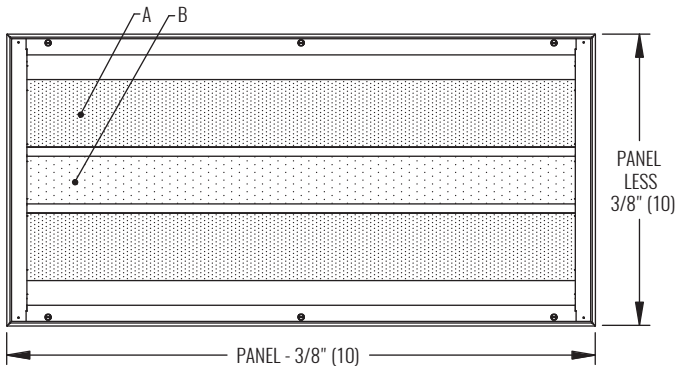


SIDE VIEW

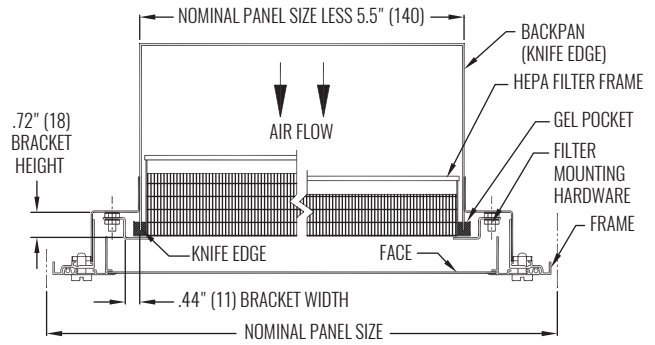


FRAME 22, SURFACE MOUNT

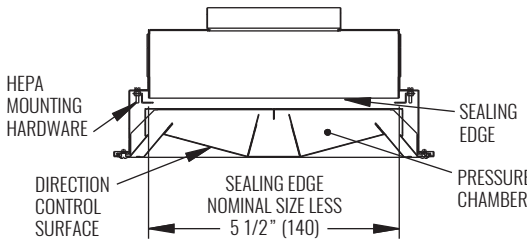
FRAME 23, LAY-IN T-BAR



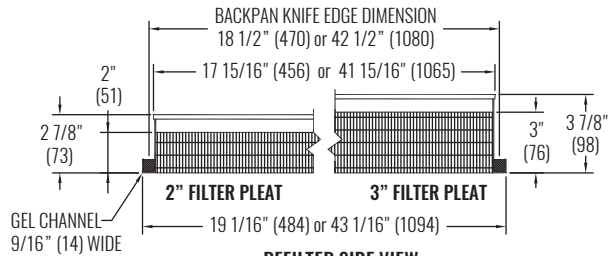
FACE VIEW



RFFILTER INSTALLATION VIEW



END CROSS SECTION



RFFILTER SIDE VIEW

NOTES: Dimensions in parentheses are millimeters (mm). 180°, 2-way throw shown; 90°, 1-way throw is available.

PERFORMANCE DATA

PATTERN AND SIZE			PERFORMANCE											
THROW PATTERN	PANEL SIZE		INLET DIA.	NECK VEL	AIR FLOW	Pt	Ps	ΔT	THROW (ft @ FPM)					SOUND
	W	L							HORIZONTAL		MAX	VERTICAL		
	in.	in.							100	50	50	100	50	
180°	24	24	8	1146	400	0.131	0.049	-5	2	4	7	3	5	32
	24	24	8	1146	400	0.131	0.049	-15	2	5	8	7	8	32
	24	24	10	963	525	0.126	0.069	-5	3	5	8	3	6	30
	24	24	10	963	525	0.126	0.069	-15	4	6	9	8	9	30
	24	48	10	1193	650	0.163	0.074	-5	2	3	6	4	6	32
	24	48	10	1193	650	0.163	0.074	-15	2	3	9	5	9	32
	24	48	12	1070	800	0.160	0.089	-5	4	5	9	3	6	29
	24	48	12	1070	800	0.160	0.089	-15	4	6	9	7	9	29

NOTES: Information shown is abbreviated. See Krueger 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.