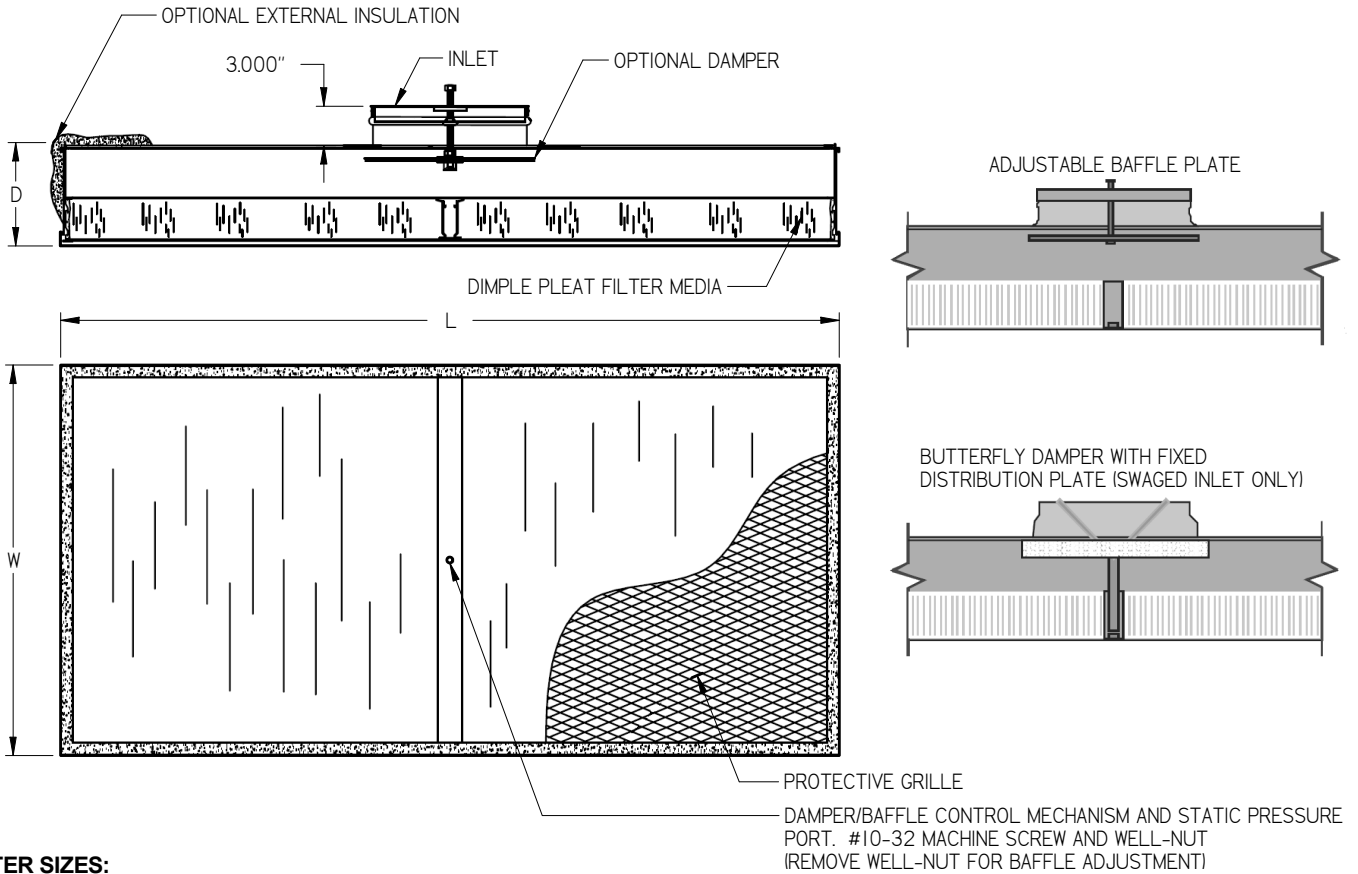


LFDCX LAMINAR FLOW DIFFUSER WITH INTEGRATED HIGH EFFICIENCY FILTER



FILTER SIZES:

NOMINAL MODULE SIZE	INLET OPTIONS	LENGTH (L)	WIDTH (W)	FILTER AREA (SQ. FT.)
24 X 24	8", 10"	23.625" (600)	23.625" (600)	3.594
36 X 24	10", 12"	35.625" (905)	23.625" (600)	5.490
48 X 24	10", 12", 14"	47.625" (1210)	23.625" (600)	7.386

NOMINAL PACK DEPTH	DEPTH (D)
2" DIMPLE PLEAT	5.531"
4" DIMPLE PLEAT	7.188"

FILTER MEDIA:

- HEPA - 99.99% (.3 MICROMETERS)
- ULPA - 99.9995% (.12 MICROMETERS)

GRILLE OPTIONS:

- EXPANDED METAL (PAINTED WHITE)
- ANODIZED ALUMINUM - PERF 40% FA
- STAINLESS STEEL - PERF 40% FA

DAMPER OPTIONS:

- ADJUSTABLE BAFFLE PLATE
- BUTTERFLY DAMPER WITH FIXED DISTRIBUTION PLATE (SWAGED INLET ONLY)
- NONE

INSULATION OPTIONS:

- 2" FOIL INSULATION (TOP ONLY)
- 2" FOIL INSULATION (TOP AND SIDES)
- NONE

SPECIFICATIONS AND NOTES:

- REFER TO CATALOG FOR PERFORMANCE DATA
- 0.050" THICK ALUMINUM PLENUM
- 1.500" WIDE T-BAR APPLICATIONS
- THE LENGTH AND WIDTH TOLERANCE IS ± 0.063", SQ W/IN 0.125"
- THE DEPTH TOLERANCE IS + 0.063" / - 0.000"
- ALL FILTERS ARE SCAN TESTED AT 90 FPM: 10% FOR LEAKS
- THE MAXIMUM TEMPERATURE EXPOSURE IS 250 F
- THE MAXIMUM R.H. IS 100%
- CLASSIFIED BY UNDERWRITERS LABORATORIES TO FLAMMABILITY ONLY UL 900 CLASS 1

ALL METRIC DIMENSIONS () ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:		PRICE
ENGINEER:		
CUSTOMER:		KC
SUBMITTAL DATE:		262206
SPEC. SYMBOL:		AUG 2020
		LFDCX LAMINAR FLOW DIFFUSER WITH INTEGRATED HIGH EFFICIENCY FILTER