

(ENGINEERS)

INDUSTRIAL BACKDRAFT DAMPER



Architect:			
	DRAWN BY:	DATE:	REV. DATE:
Engineer:	CLJ	8-26-05	6-24-2020
	REV. NO.		DWG. NO.:
Contractor:	9		F-21



FRAME CONSTRUCTION OPTIONS

ICB-950 AIR FLOW ARRANGEMENTS Standard counter weights at jamb

(assist to close)





SPECIFICATIONS:

Industrial grade control dampers meeting the following specifications shall be furnished and installed where shown on plans and/or as described in schedules. Dampers shall consist of: a 14 ga. galvanized steel channel frame with 8" [203.2mm] minimum depth and 2" [50.8mm] flanges; 18 ga. steel hollow airfoil blade, 3/4" [19.05mm] steel axles turning in stainless steel sleeve bearings; and external (out of the airstream). Damper manufacturerer's printed application and performance data including pressures to 8-1/2" [215.9mm] w.g. velocities to 5000 fpm and temperatures to 180°F [82.2°C]. Basis of design is United Enertech Model ICB-950

DISCLAIMER:

When used in fan discharge applications, the damper should be installed at LEAST $\frac{1}{2}$ the fan diameter away from the fan to mitigate premature product wear. Consult the factory for custom options to accommodate for damper installation within the suggested fan proximity.

