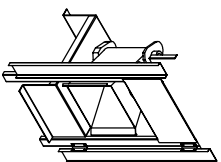


IHLPCD76DAH
 REV.#5 07/28/2016



MODEL	BTU RANGE (MBH)		GAS PRESSURE		CFM RANGE		FILTERS	
	BURNER LENGTH	BTU LOW / BTU HIGH	MIN	MAX	MIN	MAX	FILTER SIZE & QTY	MAX. FILTER VELOCITY
485 lbs	6"	225000	5" VC	14" VC	600	1600	16"x20"x2" (3)	21600 CFM = 305 FPM
76		18						

CEI DEK EVALUATIVE CONITING UNIT

MEDIA SIZE & QTY	VEL. @ MAX. CFM	NOZZLES	MAX. FLOW RATE
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MEDIA SIZE & QTY	VEL. @ MAX. CFM	NOZZLES	MAX. FLOW RATE
20"x24"x12"	480 FPM	12	3.9 GPH

המחלקה לבריאות הציבור

Direct Fired Profile Plate Specifications:

Direct Fired burners shall have patented (US Patent No. US6629923B2), self-adjusting profile plates designed to ensure proper air velocity and pressure drop across the burner. Profile plates shall allow burners to achieve clean combustion by limiting by-product levels to a maximum of 50ppm of carbon monoxide (CO), and 0.50ppm of nitrogen dioxide (NO₂).

Application:

With this feature, all DF units are designed for demand control ventilation (DCV) requirements. Spring-loaded burner profile plates are engineered to automatically react to the momentum of a fresh air stream, without the need for any motors or actuators to mechanically adjust them.

Certifications:

All profile plate assemblies shall be included in the DF unit's ETL listing and comply with combination safety standards ANSI Z83.4 and CSA 3.7 (non-recirculating DF heaters) and ANSI Z83.18 (recirculating DF heaters).

General Construction:

-Profile plates shall be formed from G90 galvanized steel.

-Profile plates shall be mounted along the same plane as the discharge of the burner.

- Design shall incorporate properly torqued, permanently mounted spring hinges.
- Spring hinges shall be made from related steel.