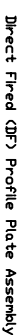


LPDEC D76SAH
REV.#9 09/09/201



	BTU RANGE (MBH)		GAS PRESSURE		CFM RANGE	
MODEL	WEIGHT	BURNER LENGTH	BTU LOW	BTU HIGH	MIN	MAX
76	440 Lbs	6'	18	225000	5" WC	14" WC
					600	1600

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

*** MAX EVAP WATER PRESSURE = 50 PSI @ 70 DEG F

Direct-Fired Profile Plate Specifications:
Description:
 Direct fired burners shall have patented plates designed to ensure proper air/water flow. Burner plates shall allow burners to achieve a maximum of 50ppm of carbon monoxide (CO) application.
 Spring-loaded burner profile plates are designed to absorb vibration, without the need for additional structural reinforcement. With this feature, all JP units are designed for long life and reliability.
Certifications:

Abstract. Direct fired burners shall have patented (US Patent No. US6629523B2), 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 5ppm of carbon monoxide (CO), and 0.5ppm of nitrogen dioxide (NO₂).

Application: 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. With this feature, all DF units are designed for demand control ventilation (DCV) requirements.

Certifications:

See Article 10.05. All profile plate assemblies shall be included in the DF unit's ETL listing and comply with combined safety standards ANSI Z83.4 and CSA 3.7 (non-recticulating DF heaters) and ANSI Z83.18 (recticulating DF heaters).

General Construction:

General construction:
-Profile plates shall be formed from G90 galvanized steel.

- Profile plates shall be formed from USU
- Profile plates shall vary in size per unit

- Profile plates shall vary in size per unit.
- Profile plates shall be mounted along the same plane as the discharge of the burner.

- Design shall incorporate properly torqued, permanently mounted spring hinges.

- design shall incorporate properly torqued, pe
- coating shall be made from related steel