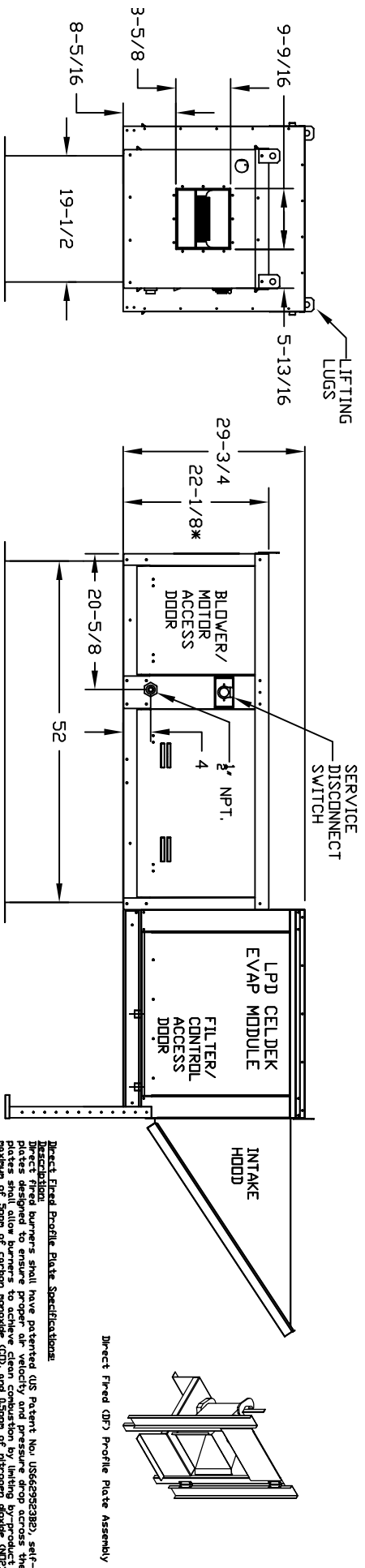
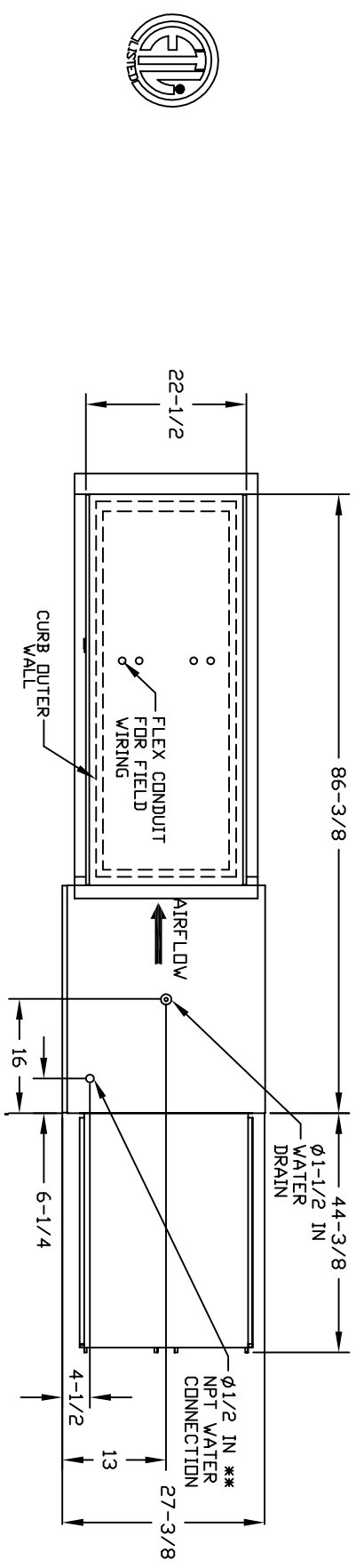


MODEL 76 OUTDOOR SIDE DISCHARGE DIRECT FIRED HEATER WITH LPD EVAPORATIVE COOLER AND INTAKE HOOD

14LPRC0765AH
REV#5 07/28/2016



Direct Fired (DF) Profile Plate Assembly

UNIT INFORMATION

MODEL	WEIGHT	BURNER LENGTH	BTU LOW	BTU HIGH	GAS PRESSURE	CFM RANGE	FILTERS
76	485 LBS	6'	18	255000	5" WC	MIN 600 MAX 1600	MAX. FILTER VELOCITY @1600 CFM = 305 FPM

MAX. ROOF OPENING 2" SMALLER THAN CURB OUTSIDE DIMENSION

ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES.

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

CELDEK EVAPORATIVE COOLING UNIT	FILTERS
MEDIA SIZE & QTY VEL. @ MAX CFM @ 2" MAX. FLOW RATE	MAX. FILTER VELOCITY
20"x24"x12" 480 FPM 12 3.9 GPH	

WARRANTY INFORMATION: THE ETL LISTED PRODUCT IS THE PROPERTY OF THE MANUFACTURER.

Direct Fired Profile Plate Specifications

Description: Direct fired burner's shall have patented (US Patent No. US669923B2), self-adjusting profile plates designed to ensure proper air velocity and pressure buildup across the burner profile plates. The burner profile plates shall be constructed of mild steel and shall be welded to a maximum of 30ppm 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 the plates with this feature, all DF units are designed for demand control ventilation (DCV) requirements.

Certification: All profile plate assemblies shall be included in the DF unit's ETL listing and comply with combine 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 600 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 plated steel.