

# REZNOR®



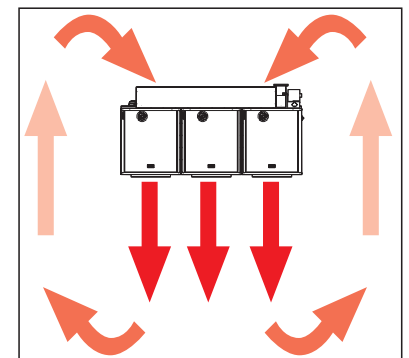
**HIGH CAPACITY  
FAST INSTALLATION  
MORE PROFITABLE**

## Reznor® Model LDAP High Bay Heater is Contractor Friendly

- Lower Installation Cost!
- Patented\* Tcore2® Combustion System!
- Favorable Alternative to a Direct-Fired Heater! (See comparison)
- Easy to Install!
  - Wall or Ceiling Mounted!
  - Single Suspended Unit with a Heating Capacity to 1,200,000 BTUH; 16,500 CFM!
  - DDC Compatible!
  - Motor Speeds Configurable for Various Mounting Heights!
  - Single Point Connections
    - Gas
    - Electrical
    - Exhaust Vent
- Easy to Sell!
  - Faster Installation!
  - Provides “Free” Heat - when heated air rises to the ceiling, fans on the unit automatically cycle on (even when thermostat has not called for heat) to force heated air back down to the floor (See illustration at right)!
  - Reduces Cold Outside Air Infiltration - since warm air doesn’t collect near the ceiling and escape through the roof, cold outside air isn’t drawn in to replace it!
  - Suspended Unit Uses No Valuable Floor Space!

### Designed for

- Warehouses
- Factories
- Airplane Hangars
- Auto Service Garages
- Arenas
- Warehouse “Box” Retail Stores
- Light Industrial Plants

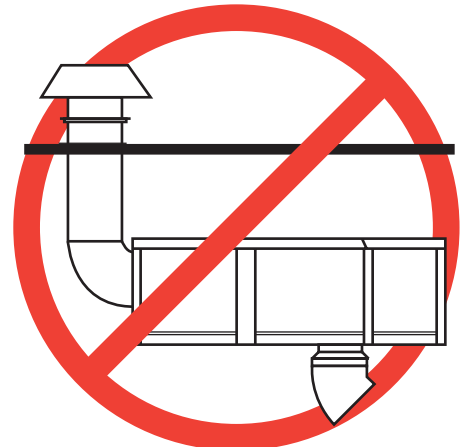
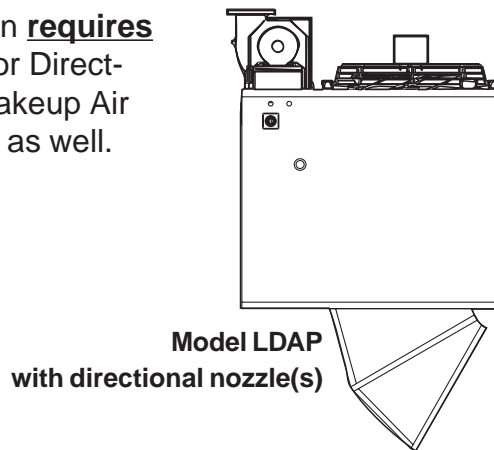


\* U.S. Patent No. 6,889,686

Side-by-Side Comparison*	Model LDAP	Direct-Fired Heater
"Free" Heat Economizer Mode	Yes	No
Proven Reznor T <sub>CORE</sub> <sup>2</sup> ® Technology	Yes	No
Typical Base Unit cost	\$4,600.00	\$6,000.00
Plenum/Nozzle Package	\$ 250.00	\$ 500.00
Installation Time Required	6 man-hours	18 man-hours
Installation cost @ \$75/hr	\$450.00	\$1,350.00
Total Installed cost	\$5,300.00	\$7,850.00
<b>Difference</b>	<b>\$2,550.00</b>	<b>heartache</b>

\* Based 1200 MBH gas heaters - U.S. Dollars. For comparison values only. Actual costs and savings may vary due to variances in actual product installed, options selected, shipping charges, labor rates, labor efficiencies, and other considerations.

If your particular application **requires** outside air, we have Reznor Direct-Fired and Indirect-Fired Makeup Air Systems to fit these needs as well.



### Model LDAP Technical Data

Model LDAP Size		400		800		1200	
Input Heating Capacity	btuh (kW/h)	400,000	(117.1)	800,000	(234.2)	1,200,000	(351.4)
Thermal Efficiency (%)		83		83		83	
Gas Connection (Inches)		1		1-1/4		1-1/4	
Vent Connection Diameter (Inches)		6		8		8	
Control Amps (24 volt)		1.0		2.0		3.0	
Full Load Amps (208 volt) / (230 volt)		5.6	5.5	13.6	12.8	19.4	18.5
Normal Power Consumption @ 208V / 230V (watts)		1150	1230	2448	2597	3730	3959
Discharge Air Temperature Rise (°F)		55		55		55	
Air Volume (Normal Operation)	cfm (M <sup>3</sup> /min)	5,589	(158)	11,178	(317)	16,768	(475)
Outlet Velocity (Normal Operation)	fpm (M/min)	1521	(464)	1521	(464)	1521	(464)
Air Volume (Destratification @ Medium Speed)	cfm (M <sup>3</sup> /min)	4,650	(132)	9,300	(263)	13,950	(395)
Outlet Velocity (Destratification @ Medium Speed)	fpm (M/min)	1266	(386)	1266	(386)	1266	(386)
Air Volume (Destratification @ Low Speed)	cfm (M <sup>3</sup> /min)	3,250	(92)	6,500	(184)	9,750	(276)
Outlet Velocity (Destratification @ Low Speed)	fpm (M/min)	885	(270)	885	(270)	885	(270)
Fan Motor RPM		1050		1050		1050	
Approximate Net Weight	lbs (kg)	375	(170)	805	(365)	1195	(542)
Approximate Ship Weight	lbs (kg)	672	(305)	1309	(594)	1847	(838)

**REZNOR**<sup>®</sup>

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0605 OG 10M RZ-NA-F-LDAP (Version 0.1)

[www.RezSpec.com](http://www.RezSpec.com)

800-695-1901

**Thomas & Betts**