

High Efficiency Unit Heaters



Models UDAP & UDAS

The V3 series is our most popular style of unit heater.

These units are sturdy enough to provide reliable heat in demanding commercial/industrial buildings. They are also equally at home in residential garages or workshops^A.

The preeminent feature is the aerodynamic TcORE² heat exchanger and single burner combustion system.

- **Saves Money** - 82-83% thermal efficiency
- **Allows Maximum Headroom** - The low profile and ability to be mounted close to the ceiling leaves plenty of headroom.
- **Reliable** - Patented^B TcORE² single burner combustion system
- **Quiet** - Isolated fan and venter motors
- **Compact** - Control compartment houses all electrical components
- **Direct Heat Where It's Needed**
 - » Vertical and horizontal louvers
 - » Downturn nozzles



TECHNICAL DATA

Models UDAP/UDAS/UDBP/UDBS	30	45	60	75	100	125	150	175	200	225	250	300	350	400
Input Heating Capacity (MBH)	30	45	60	75	105	120	150	175	200	225	250	300	350	400
Thermal Efficiency (%)	82	83	83	83	83	83	83	83	83	83	83	83	83	83
Discharge Air Temperature Rise (°F)	UDAP/UDAS	50	55	60	60	60	60	60	60	60	60	60	60	60
	UDBP/UDBS	75	75	75	75	75	75	75	75	75	75	75	75	80
Air Volume (CFM)	UDAP/UDAS	456	629	769	961	1,345	1,537	1,921	2,242	2,562	2,882	3,202	3,843	4,483
	UDBP/UDBS	506	759	1,012	1,265	1,793	2,049	2,562	2,989	3,416	3,843	4,270	5,123	5,977

^A Model UDAP and UDAS in sizes 30-125 are approved for installation in attached residential garages/workshops under CSA International Requirement 10.96 - U.S. and CR96-0005 - Canada.

^B U.S. Patent No. 6,889,686



Models UDBP & UDBS



The Advantage of Reznor Separated Combustion

Reznor separated combustion system technology eliminates common "open flame" combustion problems such as contaminants in the indoor air, and negative building air pressure.

- ▶ Air for combustion is taken from outside the building, preventing dirt, lint, dust or other contaminants in the indoor atmosphere from being burned.
- ▶ The combustion air flow is unaffected by negative building pressure or wind which can cause nuisance shutdown.
- ▶ Only one building penetration, horizontal or vertical (see the illustration at right).

