



## **PACKAGED HEATING SYSTEM WITH OPTIONAL AIR CONDITIONING CASED COIL**

The New Reznor® Model CAUA Packaged Heating System is designed to be a simple solution for applications that previously required “twinning” two smaller units together. Simple and easy to install, yet the Model CAUA is still versatile enough to meet a wide variety of needs. The system has a standard direct drive motor able to handle up to 1” w.c. of external static pressure. For those jobs that require more CFM, order an optional belt drive motor.

With an optional air conditioning cooling coil, this system is ready to be installed in churches, medical offices, retail shops, or storage facilities. Optional separated combustion and outside supply air capabilities make it ideal for printing shops, photo developing facilities, pet stores or other places where controlling indoor air quality is difficult.

- Heating Capacity from 150 to 400 MBH Input
- Air Flow Capacity from 1,600 to 6,500 CFM
- Matched Cased Evaporator Coils (5 to 15 tons)
- 80% Thermal Efficiency
- Commercial/Industrial Grade
- Eliminates “Twinning” Furnaces
  - Prewired (No Kits Required)
  - Single Point Electrical Connection
  - Single Gas Connection
  - Single Supply Duct
  - Single Vent Pipe
- Rear, Side(s) or Bottom Inlet Air
- Wide Range of Options including:
  - Filters
  - Separated Combustion
  - Outside Air Capability
  - Stainless Steel Heat Exchanger
  - Belt Drive Systems (for 1.5” - 2” w.c. TSP\*)
  - Staged Heating
- Design Certified by the Canadian Standard Association (CSA) to harmonized ANSI Z83.8a-1998 and CAN/CGA 2.6a-M98

For more information call your Reznor Representative at **800-695-1901**

\* TSP - Total Static Pressure, outside Heat Exchanger

Model CAUA Size	150	200	250	300	350	400
BTUH Input	150,000	200,000	250,000	300,000	350,000	400,000
BTUH Thermal Output (80%)	120,000	160,000	200,000	240,000	280,000	320,000
Control Amps (24-volt)	.9	.9	1.1	1.1	1.1	1.1
Full-Load Amps (230V) @.6 TSP <sup>d</sup> , 60°F Rise	6.2	6.6	12.7	13.1	13.6	13.8
Standard Motor HP	1	1	(2) 1	(2) 1	(2) 1	(2) 1
Standard Blower Size (inches)	12-9	12-12	(2) 12-9	(2) 12-9	(2) 12-9	(2) 12-9
CFM Range @ 1.0" w.c. TSP <sup>d</sup>	1600 - 1900	1850 - 2200	2700 - 3300	3200 - 3800	3500 - 4100	3800 - 4200
Maximum CFM with Optional Belt Drive	2465@1.5"	3290@1.5"	4115@1.8"	4035@2.0"	5760@2.0"	6580@1.5"
Vent Connection Diameter (inches)	5	5	5	6	6	6
Gas Connection (inches)	Natural Gas 1/2	1/2	3/4	3/4	3/4	3/4
	Propane Gas	1/2	1/2	1/2	1/2	1/2
Approximate Net Wt (lbs)	288	300	380	394	445	464
Approximate Shipping Wt (lbs)	355	366	463	477	560	575

Model Size	ACUA			ACUB			ACUC		
	060	072	090	090	120	150	120	150	180
Nominal Cooling Capacity (MBH)	60	72	90	90	120	150	120	150	180
Refrigerant Type	R-22	R-22	R-22	R-22	R-22	R-22	R-22	R-22	R-22
Thermal Expansion Valves <sup>b</sup>	1	1	2	2	2	2	2	2	2
Liquid Line Connection(s)	3/8"	1/2"	(2) 3/8"	(2) 3/8"	(2) 3/8"	(2) 1/2"	(2) 3/8"	(2) 1/2"	(2) 1/2"
No. of Interlaced Circuits	8	8	12	12	12	18	12	16	18
Face Area (sq ft)	7.79	7.79	9.38	14.04	11.67	13.70	17.13	15.38	17.13
Rows - Fins/Inch	2 - 10	2 - 12	3 - 10	2 - 12	3 - 10	3 - 12	2 - 12	3 - 10	3 - 10
Airflow (cfm)	Low Nominal High	1800 2400 3000 <sup>c</sup>			3000 4000 5000 <sup>c</sup>			4000 5000 6000 <sup>c</sup>	
Approximate Weight (lbs)	83	86	105	110	122	140	176	180	188

A TSP - Total Static Pressure, outside heat exchanger.

B Thermal expansion valves are factory supplied. Models with two thermal expansion valves have interlaced circuiting.

C Airflow in excess of maximum values shown may result in blow-off of condensation.



ANSI Z83.8a



CAN/CGA 2.6a

## BASE-MOUNTED MODEL CAUA WITH DISCHARGE PLENUM

OPTIONAL INLET AIR BASE WITH AND WITHOUT FILTERS AND SCREENED DISCHARGE AIR PLENUM



### Screened Discharge Plenum

- Option CD60 - with Screened Openings on All Four Sides
- Option CD61 - with Blockoff Plates for 2 or 3 Sided Discharge (blockoff plates are field installed)
- Option CD62 - with Blockoff Plates for use with Model ACUC Cased Air Conditioning Coil *only*

### Model CAUA 350 or CAUA 400 Power-Vented or Separated-Combustion Upflow Heater

### Inlet Air Mounting Base with Guarded Openings, Option AVA2

- with Option AWC1, 1" Disposable Flat Filters
- with Option AWC4, 1" Permanent Aluminum Filters
- with Option AWC6, 1" Pleated Disposable Filters

## Heater/Coil Cross-Reference Table by Cabinet Size

Heater Model CAUA					
150	200	250	300	350	400
ACUA		ACUB		ACUC	
060		090		120	
072		120		150	
090		150		180	