

REZNOR®

A World of HVAC Equipment

Solutions for HVAC Applications



www.ReznorHVAC.com

All Types of Commercial / Industrial Equipment

Gas, Oil and Hydronic Unit Heaters



Gas Fired Duct Furnaces



IAQ Ventilation Units



Gas Fired Infrared Heaters



Electric Unit Heaters



Split System Air Handlers and Condensing Units



High Efficiency Rooftop Unit



High Outside Air



DOAS Unit



Large Capacity Air Handlers



TYPICAL APPLICATIONS

Unit Heaters

- Garden Centers
- Warehouse Stores
- Residential Garage
- Greenhouses
- Box Stores
- Gymnasium
- Car Dealerships
- Wood/Metal Shop

Infrared Heaters

- Arenas
- Shipping/Receiving Areas
- Train Stations
- Airplane Hangars
- Loading Docks
- Assembly Lines
- Automotive/Service Centers

High Efficiency Rooftop

- Studios
- Offices
- Food/Beverage
- Retail Spaces
- Restaurants

High Outside Air

- Recreational Centers
- Reception Area
- Pharmacies
- Disco/Dance Halls
- Meeting Halls
- Light Industrial
- Dormitories

Duct Furnaces

- Movie Studio
- Retail Shops
- Break Room
- Hardware Stores
- Showrooms
- Detention Centers

Electric Heaters

- Workshops
- Entry Ways
- Stairwells
- Hallways
- Guard Station
- Rest Rooms
- Temporary Heating

DOAS Unit

- Computer Rooms
- Pet Shops
- Multi-Use Assembly Halls
- Extended Care Facilities
- Hotel Corridors

Ventilation Units

- Smoking Rooms
- Call Centers
- Day Care Centers
- Aerobics Room
- Classrooms
- Universities
- Health Spas
- Museums
- Libraries
- Locker/Shower Rooms
- Courtroom
- Hobby Shops
- Bars/Clubs
- Conference Rooms
- Meeting Rooms
- Health Centers

Split Systems

- Retail Stores
- Yoga Studio
- Offices
- Meeting Halls
- Recreational Centers
- Banks
- Lecture Rooms
- Doctors' Offices
- Health/Beauty Spas

Large Air Handlers

- Warehouses
- Factories
- Terminals
- Theatres
- Laboratories
- Animal Housing
- Condominium Common Areas
- Paint Booths
- Sports Facilities

HVAC Equipment for A World of Applications

UNIT HEATERS



Reznor Model UDAP Gas-Fired Unit Heater in a Retail Store

We are the world's largest manufacturer of commercial unit heaters. You'll find no better selection. Here are some of the benefits from choosing Reznor unit heaters.

- Easy installation
 - » Compact - minimal space required
 - » Zone heating - direct heating where you need it
 - » Wide range - many sizes and types from which to choose
- Money saving operation
 - » Energy efficient
- Aesthetically pleasing
 - » Industrial strength with showroom appearance



Reznor Residential Garage / Workshop Heater



Model WS Hydronic Unit Heater



Model LDAP Gas Fired, Air Turnover Heater

SELECTION GUIDE

Model	Gas Fired Unit Heaters					Specialty Unit Heaters			
	GOOD		BETTER		BEST	Gas	Hydronic	Electric	
	UDAP	UDBP	UDAS	UDBS	UEAS	LDAP	WS	EGHB	EXUB
Fuel Efficiency	Up to 83%	Up to 83%	Up to 83%	Up to 83%	Up to 93%	83%	-	-	-
Separated Combustion	-	-	✓	✓	✓	-	-	-	-
Heating Technology	T _{CORE} ^{2®}	T _{CORE} ²	T _{CORE} ²	T _{CORE} ²	T _{CORE} ^{3®}	T _{CORE} ²	Fin Tube	Encased Element	
Heating Range (MBH) ^A	30-400	30-400	30-400	30-400	130-310	400-1,200	18-350	2-60 ^A	5-30 ^A
CFM Range	450-5,125	450-5,125	500-6,200	500-6,200	2,250-4,275	3,250-16,750	270-4,750	700-2,000	400-3,000

^A Heating range shown in MBH except for Models EGHB and EXUB. These heating values are shown in kW.

INFRARED HEATERS



Reznor Low Intensity, Tubular, Radiant Heater in a Sports Complex

Infrared rays produce sun-like warmth when absorbed by non-reflective surfaces (like your skin). Reznor high and low intensity infrared equipment gives you instant heat and comfort.

Low intensity heaters cover larger areas and are available with single or two-stage heating. Also available for heating somewhat harsh or humid environments ^A.

Model RIH offers high intensity radiant heating.



Model RIH - High Intensity Radiant Heater in a Train Station

SELECTION GUIDE

Model	Description	Heating Range (MBH)	Length Range (Feet)
VPS	Low Intensity, Single Stage Heater	60 - 200	20 - 80
VPT	Low Intensity, Two Stage Heater	45 - 200	20 - 70
VCS ^A	Low Intensity, Single Stage Heater	60 - 200	20 - 80
VCT ^A	Low Intensity, Two Stage Heater	45 - 200	20 - 70
RIH	High Intensity Radiant Heater	30 - 200	-

^A Models VCS and VCT are constructed of stainless steel and approved for humid environments such as a car wash or greenhouse or outdoor installation.

DUCT HEATERS



Reznor Rooftop Mounted Duct Furnace

Reznor duct furnaces are available in models for indoor or outdoor applications. Outdoor models include weatherized cabinet and control compartment. Each model is completely pre-packaged, factory wired, and fire tested. Units are designed for use with standard air handling systems in air conditioning, heating or makeup air applications.

SELECTION GUIDE

Model	Heating Range (MBH)	Air Volume Range (CFM) ^w
EEDU	75 - 400	615 - 14,745
RP	125 - 400	1,020 - 14,745
HRPD	250 - 800	1,855 - 14,815
SC	100 - 400	820 - 14,815
X	75 - 400	610 - 14,745

^w High air flow volume can be achieved by removing air baffles from heater.

SPLIT SYSTEMS



Split System consisting of a Model RDH Air Handler and Model MASA Condensing Unit

Our versatile split systems give you the flexibility that you won't find in a packaged system. The multitude of configurations help you design the mechanical system the way you want it.

The product line also features the first North American, 92% efficient, condensing commercial furnace.



Model CAUA Vertical Split System Air Handlers with Cased Cooling Coil

AIR HANDLERS

Model	Description	Heat Capacity Range (MBH) ^A	Cooling Capacity Range (Tons)	CFM Range
SHH	92% Gas Heating Efficient, Indoor Split System	131 - 345	3 - 45	1,500 - 6,600
RHH	92% Gas Heating Efficient, Rooftop Split System	131 - 345	3 - 45	1,500 - 6,600
CAUA	Indoor, Vertical Gas Heating Split System	150 - 400	5 - 15	1,600 - 6,600
PDH	Indoor, Horizontal Gas Heating Split System	75 - 400	3 - 45	500 - 7,500
RDH	Rooftop, Horizontal Gas Heating Split System	75 - 400	3 - 45	500 - 7,500
SDH	Separated Combustion, Indoor Gas Heating Split System	75 - 400	3 - 45	500 - 7,500
PEH	Indoor, Electric Heating Split System	10 - 120 kW ^A	3 - 45	500 - 7,500
REH	Rooftop, Electric Heating Split System	10 - 120 kW ^A	3 - 45	500 - 7,500
PXH	Indoor, Cooling Split System with Optional Heating ^B	34 - 908	3 - 45	500 - 7,500
RXH	Rooftop, Cooling Split System with Optional Heating ^B	34 - 908	3 - 45	500 - 7,500

CONDENSING UNIT

Model	Nominal Capacity (Tons)	Circuit Capacity (MBH)	
		Circuit A	Circuit B
MASA	5 - 20	22 - 79	37 - 160

^A Heating range shown in MBH except for Models PEH and REH. These heating values are shown in kW.

^B Hydronic heating is optional. Models PXH and RXH are available as cooling-only units.

VENTILATION UNITS



Model ZQYRA

This is the first fully integrated, commercial ventilation unit! The new patent-pending Reznor Z.62e precisely combines the benefits of a heatpump and an energy recovery wheel into one unit. This hybrid unitary product maximizes the entire system to give you hassle free year round performance.

Hybrid Ventilation

The HVAC industry needed a new class of ventilation products for engineers to use. Superior control and energy efficiency define this class of product. The Z.62e technology takes two reliable elements and combines them into one product. The Z.62e is greater than the sum of its parts.



SELECTION GUIDE

Model	Air Flow (SCFM)	HeatPump Max. (MBH)
ZQYRA-8	500 - 1100	35
ZQYRA-12	900 - 1500	43

LARGE CAPACITY AIR HANDLERS



Model DFC - Direct Fired, Makeup Air System for Rooftop Mounting (Also available in vertical configuration)

Large capacity applications can be very specialized. Many manufacturers offer only one type of large air volume unit. Don't fit your project around the HVAC equipment. With Reznor HVAC equipment, you get a choice.

Whether you need a makeup air system or recirculated air, you'll find the equipment you need to meet your specifications. Most models are available with DX cooling, chilled water cooling or evaporative cooling.



Model AEB - Air Turnover System

SELECTION GUIDE

Model	Air Volume Range (CFM)	Heating Capacity Range (MBH)	Type of Heating System
RPBL	3,300 - 14,000	400 - 1,200	Indirect Fired
RPDBL	6,600 - 22,000	800 - 1,600	Indirect Fired
SSCBL	3,300 - 13,500	400 - 1,200	Separated Combustion
SSCDBL	6,600 - 22,000	800 - 1,600	Separated Combustion
RDF	1,000 - 28,000	400 - 3,000	Direct Fired
ADF	2,000 - 15,500	500 - 1,250	Direct Fired
ADFH	2,000 - 15,500	500 - 1,250	Direct Fired
DFC	20,000 - 90,000	4,000 - 12,800	Direct Fired
AEB	3,250 - 150,000	250 - 7,500	Indirect Fired
PCD	1,700 - 110,000	250 - 7,500	Indirect Fired
HPCD	3,100 - 140,000	250 - 7,500	Indirect Fired

PACKAGED AIR CONDITIONING SYSTEMS



Model RDCC

Fresh Air

Using makeup air and ventilation air equipment is the primary method by which buildings insure good environmental conditions for people in the occupied spaces. In fact, dilution ventilation is a great way to reduce the spread of colds for a healthier building environment.

Applications:

- Corridor makeup air
- School ventilation
- Kitchen makeup air
- Theatre ventilation
- Manufacturing makeup air

The breadth of the P125 system can cover more applications than any other standard packaged equipment. Optional gas or electric heating is also available.

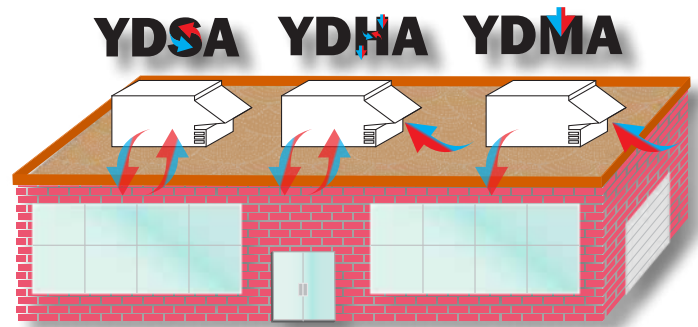


Illustration of how to apply P125 Series

SELECTION GUIDE

P125 Series

Model	Description	Cooling Capacity Range (Tons)	Heat Capacity Range (MBH) ^Q	Reheat Capacity (Tons)	CFM Range
YDMA	92% Efficient Gas Heating/DX Cooling Makeup Air System ^R	5 - 35	75 - 800	-	650 - 9,000
YDSA	92% Efficient Gas Heating/DX Cooling Recirculation System ^R	10 - 25	100 - 400	-	3,000 - 11,550
YDHA	92% Efficient Gas Heating/DX Cooling Hybrid System ^R	10 - 35	75 - 80	-	750 - 10,550

Modular Air Processing Systems (MAPS®)

Model	Description	Cooling Capacity Range (Tons)	Heat Capacity Range (MBH) ^Q	Reheat Capacity (Tons)	CFM Range
RCC	-	5 - 34	-	-	1,000 - 9,000
RDC	-	7 - 40	-	2 - 6	1,000 - 9,000
RDCC	Natural Gas	5 - 34	100 - 1,000	-	1,000 - 9,000
RDDC	Natural Gas	7 - 40	100 - 1,000	2 - 6	1,000 - 9,000
RECC	Electric Heat	5 - 34	10 - 88 kW	-	1,000 - 9,000
REDC	Electric Heat	7 - 40	10 - 88 kW	2 - 6	1,000 - 9,000

^R Models YDMA, YDSA and YDHA heating is optional. Available in high efficiency (80%) or super high efficiency (92%) gas heating.

World Wide Support

All the support and information you need is just a manual, download, CD, or phone call away.

www.ReznorHVAC.com

PRINTED MANUALS



Energy Analyzer



Selection Software



Distributor Locator



Other features of the Reznor Website:

- Current Product Updates
- Utility Rebate Information
- Quick Specifications
- Fan Curve Data
- Product Training
 - » Informational Videos
- Dimension Drawings (CAD, PDF)
- Revit (BIM) Support Drawings
- Service Tips
- Wiring Diagram Search
- Online Ordering
- RezPro® Toolbox (Engineering Selection Software)
- Downloadable Software
- Cooling Coil Calculator and Selection
- Digital Literature
 - » Product Catalogs
 - » Installation Manuals
 - » Owner's Manuals
 - » Promotional Brochures
 - » Parts Manuals
 - » Service Kit Manuals

DISTRIBUTION

Inventory where you need it, when you need it.



GLOBAL CONTACTS

To find the Reznor Office or Sales Agent near you, go to www.ReznorHVAC.com

In North America, call 1-800-695-1901



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