

# REZNOR®



**Completely  
Configurable  
Split Systems  
(Millions of  
Combinations)**



**The Competitive Edge**

# What is the Reznor Edge?

The Reznor Edge: With millions of different combinations and configurations, the PreeVA<sup>®</sup> series has a system that is right for any split system need. Here are just a few of the standard features, possible options, and modules available.

<b>Natural Gas or Propane Heating</b>	PDH	75 - 400 MBH	3 - 45 Tons	3 - 45 Tons	Indoor	Horizontal	500 - 7,500
	RDH	75 - 400 MBH	3 - 45 Tons	3 - 45 Tons	Outdoor	Horizontal	500 - 7,500
	RHH	131 - 345 MBH	3 - 45 Tons	3 - 45 Tons	Outdoor	Horizontal	1,500 - 6,600
	SDH	75 - 400 MBH	3 - 45 Tons	3 - 45 Tons	Indoor	Horizontal	500 - 7,500
	SHH	131 - 345 MBH	3 - 45 Tons	3 - 45 Tons	Indoor	Horizontal	1,500 - 6,600
<b>Electric Heating</b>	CAUA	150 - 400 MBH	5 - 20 Tons	-	Indoor	Vertical	1,600 - 6,600
	PEH	10 - 120 kW	3 - 45 Tons	3 - 45 Tons	Indoor	Horizontal	500 - 7,500
<b>No Heat</b>	REH	10 - 120 kW	3 - 45 Tons	3 - 45 Tons	Outdoor	Horizontal	500 - 7,500
	PXH	-	3 - 45 Tons	3 - 45 Tons	Indoor	Horizontal	500 - 7,500
<b>Hydronic Heating</b>	RXH	-	3 - 45 Tons	3 - 45 Tons	Outdoor	Horizontal	500 - 7,500
	PXH	34 - 908 MBH	3 - 45 Tons	3 - 45 Tons	Indoor	Horizontal	500 - 7,500
	RXH	34 - 908 MBH	3 - 45 Tons	3 - 45 Tons	Outdoor	Horizontal	500 - 7,500

## ROBUST HEATING SECTION

- Models RHH & SHH
  - » TcoreCR heating system (patent pending)
  - » Natural gas or propane
  - » Up to 93% fuel efficient (condensing heating system)
- Models PDH, RDH & SDH
  - » Tcore<sup>2</sup><sup>®</sup> heating system (patented Reznor feature)
  - » Propane or natural gas
  - » Up to 8:1 modulation
  - » Optional stainless steel heat exchanger for demanding high outside air applications
  - » 1, 5 or 10 year warranty
- Models PEH & REH
  - » Electric heat from 10 - 120 kW
  - » Single and 3 phase power options
  - » SCR capacity control or 2-stage control
- Models PXH & RXH
  - » Optional hydronic heating module

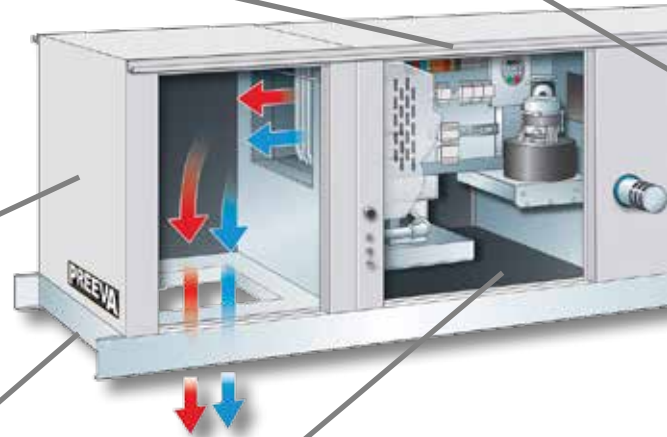
## DURABLE, ATTRACTIVE CABINET FINISH

- G-90 coated material with primer (interior surface)
- Pre-coat white high gloss finish, meets ASTM B117 specification for salt spray for 1,000 hours (exterior surface)
- Optional double wall construction with high density insulation

## OPTIONAL DOWNTURN PLENUM

## BLOWER/MOTOR SECTION

- Up to 5 hp motors (motors meet EISA specifications for efficiency)
- Optional variable frequency drives and controls
- Vibration isolation for improved noise reduction
- 5 cabinet sizes
  - » Heating only: 570 - 7,500 cfm
  - » Cooling & heating 570 - 5,863 cfm



## EASY INSTALLATION AND MAINTENANCE

- Hinged doors for easy access to controls, filters, coils, blower
- Slide out burner for inspection or replacement
- Slide out drain pan for easy cleaning
- Standard refrigerant service valves
- Convenient unit mounted disconnect or easy field installed disconnect
- Convenient left and right hand controls mounting

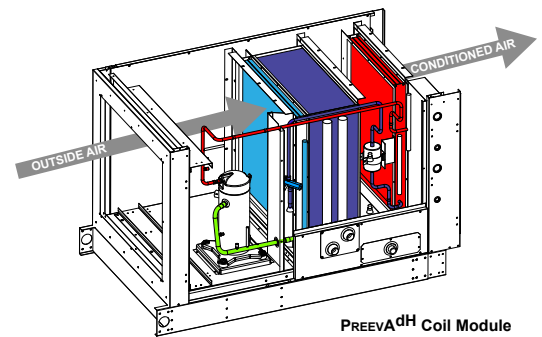
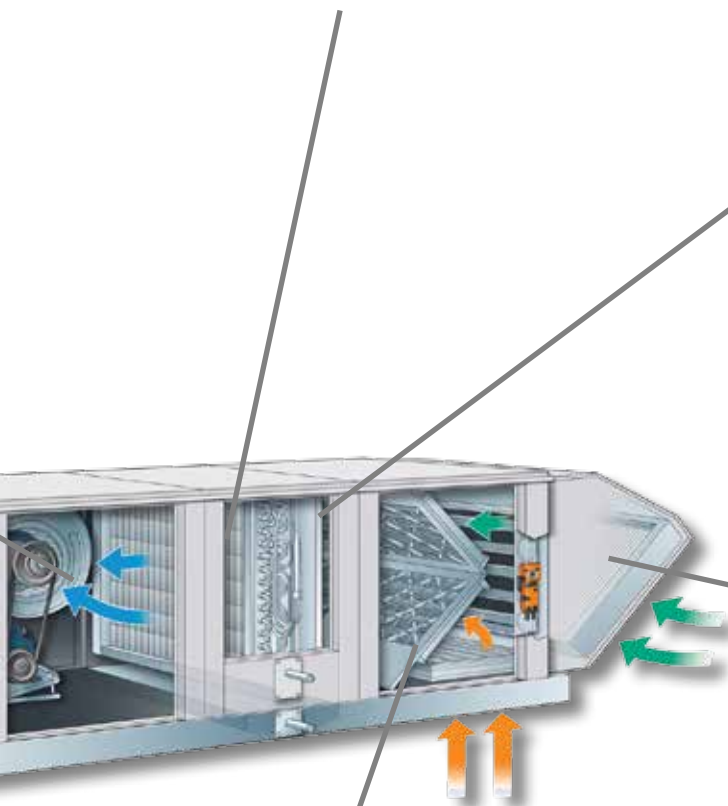
# Split System Air Handler - PreeVA<sup>®</sup> Series

## DX OR CHILLED WATER COOLING

- Custom Coil design for maximum EER
- R-410A refrigerant
- When matched with M Series Condenser, R-410A DX coils can provide full or part load
  - » Energy Saving - Deliver only the amount of cooling required
  - » Extended equipment life - part load cooling means fewer compressor on/off cycles
  - » Capacity Controlled
    - 3-stage control
    - Modulated (17% - 100%)
    - Low ambient (35°F)

## PREEVA<sup>dH</sup> HUMIDITY CONTROL

- Dedicated modulating reheat pump system provides dehumidification when you need it
  - » Compact design allows R-410A reheat system to reside in the coil cabinet
  - » 12-17°F temperature rise
  - » Custom coil performance matched to reheat circuit to maintain best system EER
  - » Digital controls to enable and disable reheat based upon outside and space conditions



OUTDOOR WEATHER HOOD  
(Models RDH/REH/RHH/RXH Only)

OPTIONAL EVAPORATIVE  
COOLING SECTION (not pictured)

## OPTIONAL OUTSIDE AIR MIXING BOX

- A variety of optional damper controls including 2-position and modulating cooling economizer controls
- Top or bottom return duct openings - allow greater installation flexibility

## OTHER PREEVA OPTIONS

- UV-C lamps for improved IAQ
- MERV 4 to MERV 13 filters
- Analog or digital controls
- High ambient controls
- Remote display panels

# Condensing Unit - Model MASA

The Reznor Edge: The M Series condensing unit is matched with the PreevA Series Air Handlers to provide:

- 5-20 tons capacity
- Ozone friendly operation with R-410A refrigerant
- High efficiency with the micro-channel coil
- Multiple stage cooling

## DURABLE, ATTRACTIVE CABINET FINISH

- G-90 coated material with primer (interior surface)
- Pre-coat white high gloss finish, meets ASTM B117 specification for salt spray for 1,000 hours (exterior surface)



## DUAL CIRCUIT - 3 STAGE

- Scroll compressors
- Optional five (5) year limited warranty on compressors
- Allows for full or part load when coupled with PREEVA Series or similar unit with matching coil configuration
  - » Capacity control on each stage
  - » Energy saving - deliver only the amount of cooling required
  - » Extended equipment life - fewer on/off cycles reduces wear and tear on the system
  - » Capacity Controlled
    - 3-stage control
    - Modulated (17% - 100%)
    - Low ambient (35°F)

## EASY INSTALLATION AND MAINTENANCE

- Forklift holes for lifting
- Heavy gauge base
- Large door for easy access to controls, compressors, etc.

## OTHER M SERIES FEATURES

- Liquid line receiver
- Isolation relay on control circuit
- Liquid line filter driers
- Corrosion resistant micro-channel coil (easily cleanable)
- UL Listed for U.S. and Canada (UL 1995 Heating and Cooling Equipment)
- Service valves with gauge ports
- Optional ElectroFin™ condenser coil coating

For complete catalog information including submittals, energy calculations, dimension drawings, and more go to [www.ReznorHVAC.com](http://www.ReznorHVAC.com) or call 800-695-1901.

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