



Lightweight & Durable – With All the Right Connections.

## **RUUD AIR HANDLERS & COILS**

RELY ON RUUD.™



**We Thought of Everything... And Then Some.**

The new Ruud aluminum coil used in our air handlers, cased coils and replacement coils is not only more durable than a traditional copper coil, it's also lighter and easier to handle. And you're going to love the copper refrigerant connections we've included, making installation so easy, you'll be able to finish the job in no time.



## 360° Performance™

The new Ruud aluminum coil is built to perform like a champion. Its all-aluminum construction makes it extra-durable, allowing the coil to run better and last longer. Even the endplates are aluminum, so the unit looks as good as it runs. Every coil is factory-tested, checked for leaks and held to the highest industry standards. If it doesn't pass the test, it doesn't go in the box. We're also proud that the coil's robust design far exceeds normal operating pressures. Precise heat-control of the automated brazing oven during the brazing process means you get a quality braze joint every time. So, you can guarantee your customers one of the most durable, long-lasting products on the market today.



## 360° Installability™

We thought long and hard about features that would make our new aluminum coil easier to install – like our factory-provided copper refrigerant connections. These transitions allow you to braze copper to copper in the field to create a familiar field braze joint, making installation faster and easier. Our new multi-poise coils are also lighter and can handle any installation orientation. And the condensate drain connections are angled at 45 degrees, providing maximum clearance – so the entire system installs like a breeze.



## 360° Serviceability™

Servicing a new Ruud aluminum coil takes less time due to several deliberate changes. For starters, we've redesigned the mechanical TXV fittings, so if the expansion valve needs replacing, you won't need to un-sweat the connections. We've also given you easier access to the internal components of the coil, and you won't need any special jobsite tools. A standard nut driver or drill attachment will do the trick, getting you in and out faster, and saving you time and your customers money.



## 360° Integration™

### EcoNet™

EcoNet is an exclusive technology that allows Ruud heating, cooling and water heating products to communicate with each other on one integrated network. In addition to giving homeowners an easy way to control the most energy-consuming systems in the home – from home or on-the-go – it also makes it faster and easier for you to accurately install, set up and maintain a complete home comfort system.





## WHAT IS 360°+1?

For nearly a century, Ruud has been the industry leader, pioneering numerous industry firsts that meet the needs of homeowners and dealers. We consider the work that goes into installing and servicing our products as well as how we can deliver the best homeowner experience... and then we take it further. That's 360°+1.











We engineered performance, innovation and everyday improvements into even the smallest details, resulting in four key product feature categories:

 360° Performance™  360° Installability™  360° Serviceability™  360° Integration™

We took it a step further and delivered "PlusOne™" advantages – unique Ruud innovations designed to make your job easier while providing homeowners with the ultimate home comfort experience.



# FULL OFFERING OF RUUD AIR HANDLERS AND COILS

Model	Description	Features Aluminum Coil	Features Copper Coil	Features Comfort Control <sup>2</sup> System	EcoNet™ -enabled	Features Thermostatic Expansion Valve (TXV)	Features Electronic Expansion Valve (EEV)
<b>Air Handlers</b>							
RH1P	PSC Single-Stage Airflow 	X				X	
RH1T	Constant Torque Single-Stage Airflow 	X				X	
RH1V	Constant CFM Single-Stage Airflow 	X				X	
RH2T <sup>1</sup>	Constant Torque Two-Stage Airflow 	X		X		X	
RH2V <sup>1</sup>	Constant CFM Two-Stage Airflow 	X		X		X	
RH2T <sup>2</sup>	Constant Torque Two-Stage Airflow 	X			X		X
RH2V <sup>2</sup>	Constant CFM Two-Stage Airflow 	X			X		X
RHMV <sup>2</sup>	Constant CFM Modulating Airflow 	X			X		X
RHSL <sup>1</sup>	PSC Single-Stage Airflow		X			X	
RHLL <sup>1</sup>	Constant Torque Single-Stage Airflow		X			X	
RHKL <sup>1</sup>	Constant CFM Single-Stage Airflow		X			X	
RHPN <sup>1</sup>	Constant CFM Two-Stage Airflow		X	X		X	
RHPL <sup>1</sup>	Constant CFM Two-Stage Airflow		X	X		X	
RHML <sup>1</sup>	Constant Torque Two-Stage Airflow		X			X	
RBHP	Constant Torque Single-Stage Airflow (34" Cabinet Height)		X			X	
RHAL <sup>3</sup>	Front Return PSC Single-Stage Airflow		X			X	
RHBL <sup>3</sup>	Front Return Constant Torque Single-Stage Airflow		X			X	
<b>Coils</b>							
RCF	Cased/Uncased Furnace N-Coil 	X				X	
RCF <sup>2</sup>	Cased/Uncased Furnace N-Coil 	X					X
RCH	Uncased Replacement Air Handler N-Coil	X				X	
RCFN <sup>1</sup>	Cased N-Coil		X			X	

<sup>1</sup> Existing models to be phased out in 2015

<sup>2</sup> Noted air handlers and coil are to be matched with inverter-driven and two-stage outdoor models: UA17, UA20, UP17, UP20

<sup>3</sup> Existing models RHAL/RHBL will be replaced with an all-aluminum air handler in 2015





## 360° Performance™

- All-aluminum construction – reduces weight and provides extra durability
- Corrosion-resistant aluminum endplates – the unit looks as good as it runs
- 100% factory-tested – for optimal performance
- Airflow pressure drop performance is equal to previous models – ensures preserved performance ratings
- Lanced fin design – increases system efficiency and performance
- N-coil design – maintains one of the shortest coil heights in the industry; great solution for space-constrained areas
- High-grade condensate drain pan – for durable product performance in high-temperature applications
- Precision braze joints – superior heat control results in quality braze joints
- Matched with 1.5-ton to 5-ton systems – offers full product line of installation options



## 360° Installability™

- Copper refrigerant connections – allow dealers to braze copper to copper in the field to create a familiar field braze joint
- Multi-poise coil – enables handling of any installation orientation
- Two sets of 3/4" condensate drain connectors – connections exit the coil at 45-degree angle for maximum clearance on installations
- Bi-directional airflow compatible – eliminates the need to switch internal components from horizontal left to right application
- Universal duct flanges – allow the new coil to be installed in a variety of plenum applications
- Foil-faced insulation – inhibits mold growth and insulates the coil for improved indoor air quality



## 360° Serviceability™

- Mechanical TXV fittings – make expansion valve replacement easy
- Easy service access – no need for special jobsite tools





## WHY RUUD?

### Relationship, Dedication and Innovation

Ruud makes customers our first priority. Our approach as a company is to keep the dialogue going and to listen. Then act. The innovations we've developed throughout the years in both the HVAC and water heating industries are a direct result of that process. And we have a long list of industry firsts to show for it, with more to come. Ruud is dedicated to providing the products your customers need and the opportunities you want to expand your offerings and increase profitability. That's the Ruud 360°+1 approach to partnership.



Learn more at [MyRuud.com/360](http://MyRuud.com/360).

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