

SERVER ROOM UNITS  
RTU #6 & RTU #7

CITY HALL  
2<sup>ND</sup> floor  
200 W. Fifth St.



**AAON**  
**2425 South Yukon Ave.**  
**Tulsa, OK 74107-2728**  
**Phone: 918-583-2266**  
**Fax: 918-583-6094**  
**www.aaon.com**

**RN Series**  
**Installation, Operation &**  
**Maintenance**  
**R79510 • Rev. A • 090619**

It is the intent of AAON to provide accurate and current product information. However, in the interest of product improvement, AAON reserves the right to change pricing, specifications, and/or design of its product without notice, obligation, or liability.

Copyright © AAON, all rights reserved throughout the world.  
AAON® and AAONAIRE® are registered trademarks of AAON, Inc., Tulsa, OK.

## RN Base Model Description

Model Number

<u><b>R</b></u>	<u><b>N</b></u>	-	<u><b>0</b></u>	<u><b>2</b></u>	<u><b>5</b></u>	-	<u><b>3</b></u>	-	<u><b>0</b></u>	-	<u><b>B</b></u>	<u><b>B</b></u>	<u><b>0</b></u>	<u><b>2</b></u>	-
1	2		3	4	5		6		7		8	9	10	11	

### **BASE MODEL**

#### **Digit 1, 2: SERIES AND GENERATION**

RN

#### **Digit 3, 4, 5: UNIT SIZE**

009 = 9 Ton Capacity  
 011 = 11 Ton Capacity  
 013 = 13 Ton Capacity  
 015 = 15 Ton Capacity  
 016 = 16 Ton Capacity  
 018 = 18 Ton Capacity  
 020 = 20 Ton Capacity  
 025 = 25 Ton Capacity  
 030 = 30 Ton Capacity  
 026 = 26 Ton Capacity  
 031 = 31 Ton Capacity  
 040 = 40 Ton Capacity  
 050 = 50 Ton Capacity  
 060 = 60 Ton Capacity  
 070 = 70 Ton Capacity

#### **Digit 6: VOLTAGE**

1 = 230V/1Φ/60Hz  
 2 = 230V/3Φ/60Hz  
 3 = 460V/3Φ/60Hz  
 4 = 575V/3Φ/60Hz  
 8 = 208V/3Φ/60Hz  
 9 = 208V/1Φ/60Hz

#### **Digit 7: INTERIOR PROTECTION**

0 = Standard  
 A = Interior Corrosion Protection

### **Model Option A: COOLING**

#### **Digit 8: COOLING STYLE**

0 = Air Handling Unit  
 A = R-22  
 B = R-410A, High Efficiency  
 C = R-410A, Standard Efficiency  
 D = R-22 Variable Capacity Scroll Compressor  
 E = R-410A Variable Capacity Scroll Compressor, High Efficiency  
 F = R-410A Variable Capacity Scroll Compressor, Standard Efficiency

#### **Digit 9: COOLING CONFIGURATION**

0 = No Cooling  
 A = Air-Cooled Cond, Std Evap  
 B = Air-Cooled Cond, 6 Row Evap  
 J = Water-Cooled Cond, Std Evap  
 K = Water-Cooled Cond, 6 Row Evap  
 P = Air-Cooled Cond, 6 Row Evap, MA Bypass  
 Q = Air-Cooled Cond, 6 Row Evap, RA Bypass  
 R = Water-Cooled Cond, 6 Row Evap, RA Bypass  
 T = Water-Cooled Cond, 6 Row Evap, MA Bypass  
 U = Chilled Water, 4 Row Coil  
 W = Chilled Water, 6 Row Coil  
 2 = Non-Compressorized, Standard DX Evap Coil  
 4 = Non-Compressorized, 6 Row DX Evap Coil  
 6 = Air-Source Heat Pump  
 7 = Water-Source Heat Pump

#### **Digit 10: COOLING COATING**

0 = Standard  
 1 = Polymer E-Coated Evap and Cond  
 8 = Polymer E-Coated Cond  
 9 = Polymer E-Coated Cooling Coil  
 A = Stainless Steel Evap Casing, Polymer E-Coated Cond  
 D = Stainless Steel Cooling Coil Casing Only

#### **Digit 11: COOLING STAGING**

0 = No Cooling  
 2 = 2 Stage  
 4 = 4 Stage  
 9 = Modulating, Lead Variable Capacity Comp  
 A = Modulating, All Variable Capacity Comp  
 H = Single Serpentine, 8 FPI (Chilled Water)  
 J = Half Serpentine, 8 FPI (Chilled Water)  
 K = Single Serpentine, 10 FPI (Chilled Water)  
 L = Half Serpentine, 10 FPI (Chilled Water)  
 M = Single Serpentine, 12 FPI (Chilled Water)  
 N = Half Serpentine, 12 FPI (Chilled Water)