



A2L  
**R-SERIES**  
NEXT-GEN MINICON



## 1/2 to 6 HP Air Cooled Condensing Units

Multi-Refrigerant  
R454A, R454C, and R455A



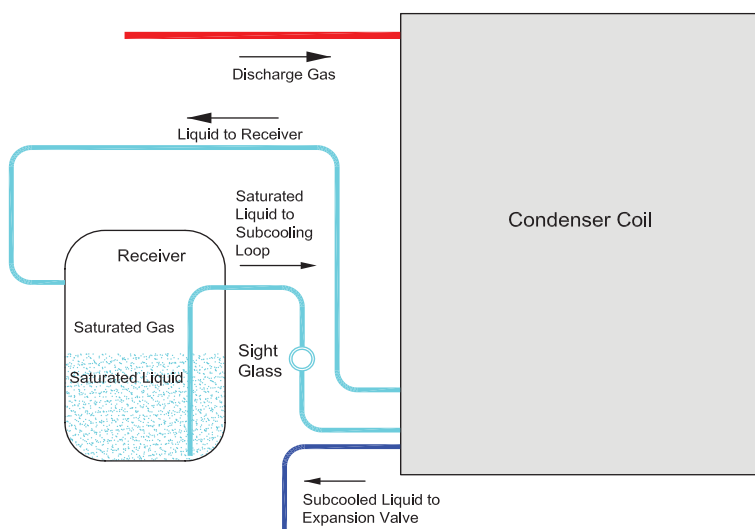
The Next-Gen MiniCon R-Series ½ through 6 HP condensing units are engineered with increased efficiency, more standard features, are easier to service, and have more cataloged options.

Next-Gen MiniCon's are suited for use in a variety of commercial applications such as cafeterias, convenience stores, restaurants and fast food outlets while providing the versatility to excel in a full array of other applications. Made from high quality materials that increase flexibility and greatly improve efficiency for even lower long-term operating costs.

The small profile product line is designed to utilize refrigerants R454A, R454C, and R455A. Available with scroll compressors, the standard Next-Gen R-Series is rated for operation in ambient air temperatures up to 110° F.

## INTEGRAL SUB-COOLING CIRCUIT

All Next-Gen MiniCon units feature an integral sub-cooling circuit that allows saturated liquid to flow from the receiver to the condenser where the refrigerant is sub-cooled by ambient air. This provides an average of 3 to 5° F of sub-cooling for higher efficiency while assuring optimal expansion device operation.



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● Standard    ○ Option    ⊖ Not Available

## STANDARD FEATURES & FACTORY INSTALLED OPTIONS

| OPTION DESCRIPTION                                                                     | MEDIUM & LOW TEMPERATURE |
|----------------------------------------------------------------------------------------|--------------------------|
| Scroll Compressors                                                                     | ●                        |
| Generously Sized High Efficiency Condenser, Enhanced Copper Tubes/Aluminum Fins        | ●                        |
| Suction Line Piping                                                                    | ●                        |
| Larger Electrical Panel With Hinged/Removable Door                                     | ●                        |
| Crankcase Heater                                                                       | ●                        |
| Fixed High/Adjustable Low-Pressure Control                                             | ●                        |
| Liquid Line With Components: Sealed Filter & Sight Glass                               | ●                        |
| All-Weather Galvanized Steel Painted Housing                                           | ●                        |
| Refrigerant Receiver With Isolation Valve And Pressure Relief Plug                     | ●                        |
| Integral Liquid Sub-Cooling Circuit                                                    | ●                        |
| Quick Access Shut Off Valves                                                           | ●                        |
| Easy Access Control Panel Door                                                         | ●                        |
| Color-Coded/Numbered Point-To-Point Wiring                                             | ●                        |
| Flooded Head Pressure Control                                                          | ● Flooded Models         |
| Ambient Fan Control                                                                    | ● Non-Flooded Models     |
| EC Fan Motors                                                                          | ●                        |
| Dual Pressure Control                                                                  | ○                        |
| Adjustable Head Pressure Control Valve                                                 | ○ FM1 - FM3              |
| Liquid Line Without Components: Pipe Only                                              | ○                        |
| Liquid Line With Premium Components: Replaceable Core Filter/Drier & Sight Glass       | ○ FM4 Cabinet^           |
| Suction Line Components: Sealed Filter                                                 | ○                        |
| Suction Line Components: Replaceable Core Filter                                       | ○ FM4 Cabinet^           |
| Suction Line Accumulator                                                               | ○                        |
| *High Ambient Comp. : TRE Valve, Dual Pressure Control, & Insulated Suction Line Comp. | ○                        |
| Oil Separator                                                                          | ○ FM4 Cabinet^           |
| Oversized Receiver                                                                     | ○                        |
| Pump-Down Toggle Switch                                                                | ○                        |
| Heated & Insulated Receiver                                                            | ○                        |
| Phase Loss Monitor                                                                     | ○                        |
| Single Point Power                                                                     | ○                        |
| Thru-The-Door Non-Fused Disconnect Switch                                              | ○                        |
| Copper Fins Or Electro Fin/Bronze Glow Coated Coil                                     | ○                        |

\*Medium temperature applications require a suction accumulator when selecting this option.

^See dimensionals on pages 23-26.

● Standard    ○ Option    ⊖ Not Available

FACTORY INSTALLED OPTIONS - COMMON DEFROST COMPONENTS

| OPTION DESCRIPTION           | MEDIUM TEMPERATURE | LOW TEMPERATURE |
|------------------------------|--------------------|-----------------|
| Electronic Air Defrost Timer | ●                  | ⊖               |
| Mechanical Air Defrost Timer | ○                  | ⊖               |
| Defrost Kit                  | ○                  | ● *             |

\* See Electrical Data Tables on pages 12-13 for Low Temperature Standard Defrost Kits and Medium Temperature Most Common Defrost Kits detail. Consult List Price Book for complete offering of Defrost Kit Options and Standard Defrost Component Deductions.

SHIPPED LOOSE ACCESSORIES

| OPTION DESCRIPTION                  | MEDIUM & LOW TEMPERATURE |
|-------------------------------------|--------------------------|
| External Fused Disconnect           | ○                        |
| Snow/Hail Guards                    | ○                        |
| Snow Legs                           | ○                        |
| Crankcase Pressure Regulating Valve | ○                        |
| Two-Tiered Stacking Rack            | ○                        |



Easy access/removable control panel door

Color-coded & numbered point-to-point wiring for easy maintenance

Quick access to shut-off valves from cabinet exterior



Replaceable core liquid and suction filters available as an option for FM4 flooded and non-flooded models

## MODEL NOMENCLATURE

| CONFIGURABLE BASE MODEL |                                |                     |                                  |              |                                                         |                                   |                                                                                                                                                                         |         | PRE-CONFIG.<br>CODES <sup>2</sup>          |
|-------------------------|--------------------------------|---------------------|----------------------------------|--------------|---------------------------------------------------------|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------------------------------------------|
| R                       | F                              | O                   | N                                | 150          | E                                                       | 4A                                | D                                                                                                                                                                       | A       | NT                                         |
| Brand                   | Style                          | Compressor<br>Style | Compressor<br>Configuration      | Horsepower   | Temperature Range                                       | Refrigerant                       | Voltage                                                                                                                                                                 | Vintage | Pre-Assembly<br>Code                       |
| R - Russell             | F - Flooded<br>B - Non-Flooded | O - Scroll          | N - Single<br>Horizontal (small) | 150 = 1.5 HP | E - Extended<br>Medium<br><br>L - Low<br><br>M - Medium | 4A - R454A,<br>R454C,<br>or R455A | D - 208-230/1/60<br><br>E - 208-230/3/60<br><br>G - 460/3/60<br><br>M - 200-220/1/50 <sup>1</sup><br><br>N - 200-220/3/50 <sup>1</sup><br><br>Q - 380/3/50 <sup>1</sup> | A       | NT - No Defrost<br>Timer /Kit <sup>3</sup> |

1. 50 Hz available. See Electrical Tables for Specific Model Availability or Contact Factory for additional information.

2. Pre-Configuration Codes are used to show common Factory Mounted options. Pre-Configuration Codes are not available for every model. For specific model availability, see the respective Pre-Configuration pricing tables in the current Price Book or contact your local Russell sales representative.

3. "NT" Pre-Configuration Code is available on Flooded Models with 208-230/1/60 or 208-230/3/60 voltage.

## CAPACITY DATA (BTUH)

EXTENDED MEDIUM TEMPERATURE R454A SCROLL // 60 HZ†

| Model No.                  |              | Comp.<br>Model No. | Suction Temperature (°F) |        |        |        |        |        |        |        |
|----------------------------|--------------|--------------------|--------------------------|--------|--------|--------|--------|--------|--------|--------|
|                            |              |                    | 40°                      | 35°    | 30°    | 25°    | 20°    | 5°     | 0°     | -10°   |
| Ambient Temperature<br>90° | R*ON060M4A** | YB06KAE            | 9,920                    | 9,050  | 8,220  | 7,430  | 6,710  | 4,800  | 4,260  | 3,320  |
|                            | R*ON080M4A** | YB07KAE            | 11,590                   | 10,600 | 9,650  | 8,740  | 7,910  | 5,740  | 5,110  | 4,050  |
|                            | R*ON100M4A** | YB08KAE            | 12,880                   | 11,790 | 10,770 | 9,840  | 8,910  | 6,550  | 5,850  | 4,690  |
|                            | R*ON130E4A** | YS09KAE            | 14,070                   | 12,820 | 11,720 | 10,730 | 9,740  | 7,190  | 6,440  | 5,220  |
|                            | R*ON150E4A** | YS11KAE            | 17,600                   | 16,040 | 14,560 | 13,200 | 11,940 | 8,720  | 7,840  | 6,390  |
|                            | R*ON180E4A** | YS12KAE            | 19,430                   | 17,750 | 16,160 | 14,660 | 13,280 | 9,770  | 8,800  | 7,160  |
|                            | R*ON200E4A** | YS14KAE            | 23,400                   | 21,350 | 19,440 | 17,670 | 16,010 | 11,720 | 10,550 | 8,560  |
|                            | R*ON250E4A** | YS16KAE            | 25,550                   | 23,350 | 21,270 | 19,360 | 17,550 | 12,930 | 11,630 | 9,430  |
|                            | R*ON280E4A** | YS19KAE            | 35,530                   | 32,050 | 28,880 | 25,970 | 23,280 | 16,640 | 14,980 | 12,330 |
|                            | R*ON300E4A** | YS21KAE            | 38,920                   | 35,200 | 31,750 | 28,590 | 25,680 | 18,430 | 16,430 | 13,420 |
|                            | R*ON350E4A** | YS24KAE            | 42,680                   | 38,660 | 34,960 | 31,500 | 28,310 | 20,340 | 18,180 | 14,650 |
|                            | R*ON400E4A** | YS26KAE            | 47,200                   | 42,770 | 38,720 | 34,940 | 31,430 | 22,640 | 20,330 | 16,540 |
|                            | R*ON450E4A** | YS30KA             | 52,090                   | 47,290 | 42,800 | 38,710 | 35,090 | 25,350 | 22,680 | 18,270 |
|                            | R*ON500E4A** | YS33KAE            | 59,980                   | 54,800 | 49,830 | 45,040 | 40,590 | 28,850 | 25,400 | 19,300 |
|                            | R*ON600E4A** | YS40KAE            | 69,510                   | 63,640 | 58,030 | 52,580 | 47,560 | 33,930 | 30,030 | 22,960 |
| Ambient Temperature<br>95° | R*ON060M4A** | YB06KAE            | 9,510                    | 8,660  | 7,870  | 7,120  | 6,420  | 4,620  | 4,110  | 3,240  |
|                            | R*ON080M4A** | YB07KAE            | 11,090                   | 10,140 | 9,220  | 8,370  | 7,570  | 5,490  | 4,910  | 3,900  |
|                            | R*ON100M4A** | YB08KAE            | 12,310                   | 11,290 | 10,310 | 9,350  | 8,520  | 6,250  | 5,620  | 4,520  |
|                            | R*ON130E4A** | YS09KAE            | 13,430                   | 12,300 | 11,210 | 10,230 | 9,290  | 6,850  | 6,190  | 5,030  |
|                            | R*ON150E4A** | YS11KAE            | 16,860                   | 15,350 | 13,940 | 12,660 | 11,450 | 8,360  | 7,470  | 6,060  |
|                            | R*ON180E4A** | YS12KAE            | 18,560                   | 16,930 | 15,440 | 13,970 | 12,720 | 9,310  | 8,380  | 6,810  |
|                            | R*ON200E4A** | YS14KAE            | 22,420                   | 20,470 | 18,630 | 16,890 | 15,300 | 11,210 | 10,110 | 8,210  |
|                            | R*ON250E4A** | YS16KAE            | 24,440                   | 22,340 | 20,340 | 18,490 | 16,790 | 12,370 | 11,130 | 9,110  |
|                            | R*ON280E4A** | YS19KAE            | 34,030                   | 30,770 | 27,670 | 24,880 | 22,310 | 15,950 | 14,330 | 11,790 |
|                            | R*ON300E4A** | YS21KAE            | 37,310                   | 33,720 | 30,420 | 27,380 | 24,600 | 17,640 | 15,880 | 13,030 |
|                            | R*ON350E4A** | YS24KAE            | 40,930                   | 37,030 | 33,500 | 30,160 | 27,130 | 19,540 | 17,430 | 14,260 |
|                            | R*ON400E4A** | YS26KAE            | 45,210                   | 41,030 | 37,070 | 33,420 | 30,100 | 21,690 | 19,490 | 15,890 |
|                            | R*ON450E4A** | YS30KA             | 49,860                   | 45,420 | 41,080 | 37,170 | 33,480 | 24,340 | 21,910 | 17,890 |
|                            | R*ON500E4A** | YS33KAE            | 57,810                   | 52,820 | 48,070 | 43,410 | 39,160 | 27,790 | 24,480 | 18,600 |
|                            | R*ON600E4A** | YS40KAE            | 67,120                   | 61,410 | 55,920 | 50,770 | 45,890 | 32,710 | 28,950 | 22,010 |

20° F Superheat Maximum

\*Each asterisk represents a variable character based upon model, voltage, and vintage ordered. See page 5 for nomenclature.

†Multiply capacity by .83 when used with 50 Hz power when applicable.

## CAPACITY DATA (BTUH)

EXTENDED MEDIUM TEMPERATURE R454A SCROLL // 60 HZ†

| Model No.                    |              | Comp.<br>Model No. | Suction Temperature (°F) |        |        |        |        |        |        |      |
|------------------------------|--------------|--------------------|--------------------------|--------|--------|--------|--------|--------|--------|------|
|                              |              |                    | 40°                      | 35°    | 30°    | 25°    | 20°    | 5°     | 0°     | -10° |
| Ambient Temperature<br>100°  | R*ON060M4A** | YB06KAE            | 9,100                    | 8,290  | 7,530  | 6,810  | 6,130  | 4,400  | 3,930  | -    |
|                              | R*ON080M4A** | YB07KAE            | 10,610                   | 9,690  | 8,820  | 8,000  | 7,230  | 5,250  | 4,690  | -    |
|                              | R*ON100M4A** | YB08KAE            | 11,730                   | 10,750 | 9,830  | 8,960  | 8,120  | 5,980  | 5,370  | -    |
|                              | R*ON130E4A** | YS09KAE            | 12,790                   | 11,710 | 10,710 | 9,770  | 8,880  | 6,540  | 5,890  | -    |
|                              | R*ON150E4A** | YS11KAE            | 16,090                   | 14,630 | 13,330 | 12,030 | 10,900 | 7,980  | 7,150  | -    |
|                              | R*ON180E4A** | YS12KAE            | 17,710                   | 16,150 | 14,710 | 13,310 | 12,100 | 8,890  | 7,990  | -    |
|                              | R*ON200E4A** | YS14KAE            | 21,390                   | 19,530 | 17,790 | 16,120 | 14,640 | 10,710 | 9,620  | -    |
|                              | R*ON250E4A** | YS16KAE            | 23,330                   | 21,320 | 19,410 | 17,660 | 16,000 | 11,820 | 10,640 | -    |
|                              | R*ON280E4A** | YS19KAE            | 32,590                   | 29,400 | 26,490 | 23,780 | 21,340 | 15,270 | 13,610 | -    |
|                              | R*ON300E4A** | YS21KAE            | 35,680                   | 32,240 | 29,110 | 26,190 | 23,530 | 16,880 | 15,180 | -    |
|                              | R*ON350E4A** | YS24KAE            | 39,140                   | 35,440 | 32,000 | 28,830 | 25,940 | 18,630 | 16,760 | -    |
|                              | R*ON400E4A** | YS26KAE            | 43,240                   | 39,190 | 35,400 | 31,920 | 28,750 | 20,710 | 18,670 | -    |
|                              | R*ON450E4A** | YS30KA             | 47,680                   | 43,210 | 39,120 | 35,480 | 31,990 | 23,210 | 20,750 | -    |
|                              | R*ON500E4A** | YS33KAE            | 55,870                   | 50,940 | 46,320 | 41,900 | 37,720 | 26,760 | 23,660 | -    |
|                              | R*ON600E4A** | YS40KAE            | 64,600                   | 59,150 | 53,840 | 48,830 | 44,140 | 31,350 | 27,610 | -    |
| Ambient Temperature<br>110°^ | R*ON060M4A** | YB06KAE            | 8,250                    | 7,520  | 6,820  | 6,170  | 5,570  | 4,010  | -      | -    |
|                              | R*ON080M4A** | YB07KAE            | 9,610                    | 8,770  | 7,990  | 7,240  | 6,560  | 4,790  | -      | -    |
|                              | R*ON100M4A** | YB08KAE            | 10,610                   | 9,740  | 8,880  | 8,090  | 7,350  | 5,440  | -      | -    |
|                              | R*ON130E4A** | YS09KAE            | 11,560                   | 10,560 | 9,640  | 8,810  | 7,990  | 5,890  | -      | -    |
|                              | R*ON150E4A** | YS11KAE            | 14,560                   | 13,220 | 12,020 | 10,890 | 9,870  | 7,220  | -      | -    |
|                              | R*ON180E4A** | YS12KAE            | 15,970                   | 14,570 | 13,270 | 12,040 | 10,900 | 8,000  | -      | -    |
|                              | R*ON200E4A** | YS14KAE            | 19,360                   | 17,670 | 16,090 | 14,600 | 13,220 | 9,680  | -      | -    |
|                              | R*ON250E4A** | YS16KAE            | 21,080                   | 19,260 | 17,560 | 15,960 | 14,460 | 10,700 | -      | -    |
|                              | R*ON280E4A** | YS19KAE            | 29,660                   | 26,730 | 24,050 | 21,580 | 19,350 | 13,850 | -      | -    |
|                              | R*ON300E4A** | YS21KAE            | 32,450                   | 29,280 | 26,400 | 23,740 | 21,300 | 15,270 | -      | -    |
|                              | R*ON350E4A** | YS24KAE            | 35,540                   | 32,140 | 29,040 | 26,120 | 23,500 | 16,870 | -      | -    |
|                              | R*ON400E4A** | YS26KAE            | 39,250                   | 35,540 | 32,130 | 28,950 | 26,060 | 18,760 | -      | -    |
|                              | R*ON450E4A** | YS30KA             | 43,150                   | 39,060 | 35,450 | 32,020 | 28,900 | 20,980 | -      | -    |
|                              | R*ON500E4A** | YS33KAE            | 51,550                   | 47,070 | 42,780 | 38,670 | 34,850 | 24,680 | -      | -    |
|                              | R*ON600E4A** | YS40KAE            | 59,720                   | 54,570 | 49,640 | 45,030 | 40,660 | 29,000 | -      | -    |

20° F Superheat Maximum

\*Each asterisk represents a variable character based upon model, voltage, and vintage ordered. See page 5 for nomenclature.

†Multiply capacity by .83 when used with 50 Hz power when applicable.

^ High Ambient Option Required

## CAPACITY DATA (BTUH)

EXTENDED MEDIUM TEMPERATURE R454C SCROLL // 60 HZ†

| Model No.                  |              | Comp.<br>Model No. | Suction Temperature (°F) |        |        |        |        |        |        |        |
|----------------------------|--------------|--------------------|--------------------------|--------|--------|--------|--------|--------|--------|--------|
|                            |              |                    | 40°                      | 35°    | 30°    | 25°    | 20°    | 5°     | 0°     | -10°   |
| Ambient Temperature<br>90° | R*ON060M4A** | YB06KAE            | 8,880                    | 8,070  | 7,300  | 6,580  | 5,910  | 4,230  | 3,770  | 3,000  |
|                            | R*ON080M4A** | YB07KAE            | 10,450                   | 9,510  | 8,630  | 7,800  | 7,020  | 5,000  | 4,410  | 3,430  |
|                            | R*ON100M4A** | YB08KAE            | 11,700                   | 10,700 | 9,740  | 8,840  | 7,990  | 5,780  | 5,140  | 4,060  |
|                            | R*ON130E4A** | YS09KAE            | 12,780                   | 11,590 | 10,530 | 9,530  | 8,590  | 6,210  | 5,560  | 4,490  |
|                            | R*ON150E4A** | YS11KAE            | 15,910                   | 14,420 | 13,020 | 11,690 | 10,530 | 7,530  | 6,760  | 5,490  |
|                            | R*ON180E4A** | YS12KAE            | 17,460                   | 15,800 | 14,290 | 12,880 | 11,590 | 8,330  | 7,420  | 5,990  |
|                            | R*ON200E4A** | YS14KAE            | 21,150                   | 19,170 | 17,310 | 15,620 | 14,060 | 10,070 | 9,040  | 7,340  |
|                            | R*ON250E4A** | YS16KAE            | 23,140                   | 21,000 | 19,010 | 17,170 | 15,450 | 11,110 | 9,900  | 8,000  |
|                            | R*ON280E4A** | YS19KAE            | 31,360                   | 28,120 | 25,160 | 22,470 | 20,010 | 13,980 | 12,370 | 10,060 |
|                            | R*ON300E4A** | YS21KAE            | 34,420                   | 30,930 | 27,740 | 24,800 | 22,120 | 15,550 | 13,930 | 11,390 |
|                            | R*ON350E4A** | YS24KAE            | 37,910                   | 34,090 | 30,590 | 27,380 | 24,450 | 17,240 | 15,450 | 12,660 |
|                            | R*ON400E4A** | YS26KAE            | 42,020                   | 37,830 | 33,990 | 30,430 | 27,200 | 19,210 | 17,050 | 13,630 |
|                            | R*ON450E4A** | YS30KA             | 46,600                   | 41,910 | 37,810 | 33,950 | 30,460 | 21,600 | 19,360 | 15,810 |
|                            | R*ON500E4A** | YS33KAE            | 58,120                   | 52,810 | 47,880 | 43,200 | 38,740 | 27,040 | 23,730 | 17,840 |
|                            | R*ON600E4A** | YS40KAE            | 67,700                   | 61,820 | 55,880 | 50,560 | 45,380 | 31,900 | 28,160 | 21,280 |
| Ambient Temperature<br>95° | R*ON060M4A** | YB06KAE            | 8,510                    | 7,720  | 6,980  | 6,290  | 5,650  | 4,040  | 3,590  | 2,880  |
|                            | R*ON080M4A** | YB07KAE            | 10,000                   | 9,090  | 8,250  | 7,450  | 6,710  | 4,780  | 4,220  | 3,290  |
|                            | R*ON100M4A** | YB08KAE            | 11,210                   | 10,250 | 9,290  | 8,420  | 7,590  | 5,510  | 4,920  | 3,920  |
|                            | R*ON130E4A** | YS09KAE            | 12,170                   | 11,040 | 10,040 | 9,090  | 8,170  | 5,900  | 5,290  | 4,280  |
|                            | R*ON150E4A** | YS11KAE            | 15,150                   | 13,700 | 12,410 | 11,130 | 10,030 | 7,210  | 6,470  | 5,300  |
|                            | R*ON180E4A** | YS12KAE            | 16,590                   | 15,060 | 13,570 | 12,230 | 11,010 | 7,930  | 7,060  | 5,730  |
|                            | R*ON200E4A** | YS14KAE            | 20,210                   | 18,300 | 16,530 | 14,920 | 13,410 | 9,640  | 8,660  | 7,060  |
|                            | R*ON250E4A** | YS16KAE            | 22,120                   | 20,040 | 18,110 | 16,360 | 14,710 | 10,590 | 9,460  | 7,700  |
|                            | R*ON280E4A** | YS19KAE            | 29,970                   | 26,900 | 24,050 | 21,470 | 19,100 | 13,340 | 11,800 | 9,610  |
|                            | R*ON300E4A** | YS21KAE            | 32,900                   | 29,580 | 26,510 | 23,700 | 21,140 | 14,830 | 13,280 | 10,850 |
|                            | R*ON350E4A** | YS24KAE            | 36,260                   | 32,590 | 29,230 | 26,150 | 23,360 | 16,430 | 14,710 | 12,030 |
|                            | R*ON400E4A** | YS26KAE            | 40,150                   | 36,160 | 32,500 | 29,070 | 25,990 | 18,330 | 16,390 | 13,330 |
|                            | R*ON450E4A** | YS30KA             | 44,480                   | 40,150 | 36,200 | 32,510 | 29,130 | 20,540 | 18,320 | 14,710 |
|                            | R*ON500E4A** | YS33KAE            | 56,040                   | 50,980 | 46,140 | 41,640 | 37,330 | 26,120 | 22,880 | 17,250 |
|                            | R*ON600E4A** | YS40KAE            | 65,320                   | 59,500 | 53,820 | 48,550 | 43,650 | 30,770 | 27,090 | 20,590 |

20° F Superheat Maximum

\*Each asterisk represents a variable character based upon model, voltage, and vintage ordered. See page 5 for nomenclature.

†Multiply capacity by .83 when used with 50 Hz power when applicable.

## CAPACITY DATA (BTUH)

EXTENDED MEDIUM TEMPERATURE R454C SCROLL // 60 HZ†

| Model No.                    |              | Comp.<br>Model No. | Suction Temperature (°F) |        |        |        |        |        |        |      |
|------------------------------|--------------|--------------------|--------------------------|--------|--------|--------|--------|--------|--------|------|
|                              |              |                    | 40°                      | 35°    | 30°    | 25°    | 20°    | 5°     | 0°     | -10° |
| Ambient Temperature<br>100°  | R*ON060M4A** | YB06KAE            | 8,130                    | 7,360  | 6,660  | 5,990  | 5,380  | 3,860  | 3,450  | -    |
|                              | R*ON080M4A** | YB07KAE            | 9,540                    | 8,680  | 7,860  | 7,100  | 6,390  | 4,540  | 4,030  | -    |
|                              | R*ON100M4A** | YB08KAE            | 10,680                   | 9,760  | 8,860  | 8,020  | 7,240  | 5,250  | 4,690  | -    |
|                              | R*ON130E4A** | YS09KAE            | 11,590                   | 10,510 | 9,520  | 8,630  | 7,760  | 5,620  | 5,040  | -    |
|                              | R*ON150E4A** | YS11KAE            | 14,480                   | 13,120 | 11,830 | 10,600 | 9,550  | 6,860  | 6,190  | -    |
|                              | R*ON180E4A** | YS12KAE            | 15,810                   | 14,350 | 12,940 | 11,640 | 10,480 | 7,540  | 6,700  | -    |
|                              | R*ON200E4A** | YS14KAE            | 19,220                   | 17,400 | 15,750 | 14,210 | 12,770 | 9,180  | 8,230  | -    |
|                              | R*ON250E4A** | YS16KAE            | 21,090                   | 19,080 | 17,250 | 15,560 | 14,010 | 10,070 | 8,990  | -    |
|                              | R*ON280E4A** | YS19KAE            | 28,630                   | 25,650 | 22,920 | 20,460 | 18,210 | 12,740 | 11,420 | -    |
|                              | R*ON300E4A** | YS21KAE            | 31,420                   | 28,220 | 25,270 | 22,580 | 20,130 | 14,110 | 12,650 | -    |
|                              | R*ON350E4A** | YS24KAE            | 34,610                   | 31,060 | 27,850 | 24,930 | 22,220 | 15,630 | 14,020 | -    |
|                              | R*ON400E4A** | YS26KAE            | 38,300                   | 34,470 | 30,940 | 27,680 | 24,730 | 17,470 | 15,640 | -    |
|                              | R*ON450E4A** | YS30KA             | 42,450                   | 38,320 | 34,420 | 30,770 | 27,560 | 19,520 | 17,500 | -    |
|                              | R*ON500E4A** | YS33KAE            | 54,160                   | 49,120 | 44,490 | 40,030 | 35,890 | 25,100 | 22,070 | -    |
|                              | R*ON600E4A** | YS40KAE            | 62,930                   | 57,250 | 51,860 | 46,940 | 41,970 | 29,540 | 25,910 | -    |
| Ambient Temperature<br>110°^ | R*ON060M4A** | YB06KAE            | 7,370                    | 6,670  | 6,010  | 5,410  | 4,850  | 3,470  | -      | -    |
|                              | R*ON080M4A** | YB07KAE            | 8,620                    | 7,830  | 7,090  | 6,410  | 5,750  | 4,080  | -      | -    |
|                              | R*ON100M4A** | YB08KAE            | 9,590                    | 8,760  | 7,950  | 7,220  | 6,520  | 4,750  | -      | -    |
|                              | R*ON130E4A** | YS09KAE            | 10,430                   | 9,470  | 8,560  | 7,710  | 6,960  | 5,040  | -      | -    |
|                              | R*ON150E4A** | YS11KAE            | 13,030                   | 11,810 | 10,660 | 9,610  | 8,630  | 6,170  | -      | -    |
|                              | R*ON180E4A** | YS12KAE            | 14,180                   | 12,860 | 11,630 | 10,450 | 9,400  | 6,780  | -      | -    |
|                              | R*ON200E4A** | YS14KAE            | 17,360                   | 15,710 | 14,210 | 12,790 | 11,490 | 8,250  | -      | -    |
|                              | R*ON250E4A** | YS16KAE            | 18,980                   | 17,170 | 15,500 | 14,010 | 12,580 | 9,040  | -      | -    |
|                              | R*ON280E4A** | YS19KAE            | 25,890                   | 23,160 | 20,630 | 18,390 | 16,350 | 11,390 | -      | -    |
|                              | R*ON300E4A** | YS21KAE            | 28,420                   | 25,480 | 22,790 | 20,330 | 18,110 | 12,680 | -      | -    |
|                              | R*ON350E4A** | YS24KAE            | 31,270                   | 28,060 | 25,140 | 22,430 | 19,990 | 14,040 | -      | -    |
|                              | R*ON400E4A** | YS26KAE            | 34,630                   | 31,120 | 27,910 | 24,940 | 22,250 | 15,690 | -      | -    |
|                              | R*ON450E4A** | YS30KA             | 38,220                   | 34,420 | 30,880 | 27,640 | 24,760 | 17,560 | -      | -    |
|                              | R*ON500E4A** | YS33KAE            | 49,930                   | 45,300 | 41,010 | 36,870 | 33,050 | 23,020 | -      | -    |
|                              | R*ON600E4A** | YS40KAE            | 57,950                   | 52,750 | 47,780 | 43,080 | 38,650 | 27,100 | -      | -    |

20° F Superheat Maximum

\*Each asterisk represents a variable character based upon model, voltage, and vintage ordered. See page 5 for nomenclature.

†Multiply capacity by .83 when used with 50 Hz power when applicable.

^ High Ambient Option Required

## CAPACITY DATA (BTUH)

EXTENDED MEDIUM TEMPERATURE R455A SCROLL // 60 HZ†

| Model No.                  |              | Comp.<br>Model No. | Suction Temperature (°F) |        |        |        |        |        |        |        |
|----------------------------|--------------|--------------------|--------------------------|--------|--------|--------|--------|--------|--------|--------|
|                            |              |                    | 40°                      | 35°    | 30°    | 25°    | 20°    | 5°     | 0°     | -10°   |
| Ambient Temperature<br>90° | R*ON060M4A** | YB06KAE            | 9,730                    | 8,850  | 8,000  | 7,210  | 6,480  | 4,590  | 4,060  | 3,170  |
|                            | R*ON080M4A** | YB07KAE            | 11,460                   | 10,440 | 9,480  | 8,570  | 7,720  | 5,530  | 4,900  | 3,830  |
|                            | R*ON100M4A** | YB08KAE            | 12,780                   | 11,660 | 10,610 | 9,640  | 8,730  | 6,300  | 5,610  | 4,410  |
|                            | R*ON130E4A** | YS09KAE            | 13,900                   | 12,680 | 11,450 | 10,410 | 9,380  | 6,780  | 6,080  | 4,830  |
|                            | R*ON150E4A** | YS11KAE            | 17,430                   | 15,760 | 14,200 | 12,820 | 11,500 | 8,260  | 7,410  | 6,050  |
|                            | R*ON180E4A** | YS12KAE            | 19,050                   | 17,270 | 15,600 | 14,110 | 12,690 | 9,140  | 8,140  | 6,650  |
|                            | R*ON200E4A** | YS14KAE            | 23,120                   | 21,000 | 19,010 | 17,130 | 15,410 | 11,060 | 9,860  | 7,900  |
|                            | R*ON250E4A** | YS16KAE            | 25,320                   | 23,000 | 20,800 | 18,820 | 16,980 | 12,220 | 10,910 | 8,770  |
|                            | R*ON280E4A** | YS19KAE            | 34,150                   | 30,690 | 27,480 | 24,550 | 21,870 | 15,330 | 13,600 | 11,070 |
|                            | R*ON300E4A** | YS21KAE            | 37,620                   | 33,860 | 30,390 | 27,200 | 24,280 | 17,030 | 15,110 | 12,190 |
|                            | R*ON350E4A** | YS24KAE            | 41,430                   | 37,320 | 33,560 | 30,040 | 26,830 | 18,870 | 16,760 | 13,360 |
|                            | R*ON400E4A** | YS26KAE            | 45,940                   | 41,460 | 37,270 | 33,440 | 29,860 | 21,120 | 18,700 | 15,060 |
|                            | R*ON450E4A** | YS30KA             | 50,920                   | 45,930 | 41,460 | 37,350 | 33,520 | 23,750 | 20,960 | 16,730 |
|                            | R*ON500E4A** | YS33KAE            | 61,080                   | 55,630 | 50,290 | 45,470 | 40,710 | 28,510 | 25,050 | 18,800 |
|                            | R*ON600E4A** | YS40KAE            | 71,050                   | 64,810 | 58,670 | 53,100 | 47,760 | 33,620 | 29,540 | 22,450 |
| Ambient Temperature<br>95° | R*ON060M4A** | YB06KAE            | 9,310                    | 8,460  | 7,650  | 6,900  | 6,190  | 4,390  | 3,860  | -      |
|                            | R*ON080M4A** | YB07KAE            | 10,960                   | 9,980  | 9,060  | 8,190  | 7,380  | 5,280  | 4,680  | -      |
|                            | R*ON100M4A** | YB08KAE            | 12,190                   | 11,140 | 10,110 | 9,190  | 8,320  | 6,020  | 5,370  | -      |
|                            | R*ON130E4A** | YS09KAE            | 13,270                   | 12,080 | 10,960 | 9,930  | 8,940  | 6,480  | 5,780  | -      |
|                            | R*ON150E4A** | YS11KAE            | 16,580                   | 14,990 | 13,480 | 12,190 | 10,980 | 7,850  | 7,010  | -      |
|                            | R*ON180E4A** | YS12KAE            | 18,230                   | 16,450 | 14,950 | 13,460 | 12,120 | 8,730  | 7,770  | -      |
|                            | R*ON200E4A** | YS14KAE            | 22,120                   | 20,040 | 18,150 | 16,350 | 14,730 | 10,550 | 9,420  | -      |
|                            | R*ON250E4A** | YS16KAE            | 24,110                   | 21,980 | 19,890 | 17,980 | 16,220 | 11,680 | 10,450 | -      |
|                            | R*ON280E4A** | YS19KAE            | 32,730                   | 29,350 | 26,270 | 23,470 | 20,910 | 14,660 | 12,980 | -      |
|                            | R*ON300E4A** | YS21KAE            | 35,980                   | 32,380 | 29,040 | 25,980 | 23,180 | 16,310 | 14,400 | -      |
|                            | R*ON350E4A** | YS24KAE            | 39,660                   | 35,700 | 32,060 | 28,680 | 25,600 | 18,030 | 16,040 | -      |
|                            | R*ON400E4A** | YS26KAE            | 43,950                   | 39,620 | 35,610 | 31,920 | 28,520 | 20,120 | 17,980 | -      |
|                            | R*ON450E4A** | YS30KA             | 48,750                   | 43,950 | 39,520 | 35,520 | 31,800 | 22,590 | 20,040 | -      |
|                            | R*ON500E4A** | YS33KAE            | 58,900                   | 53,640 | 48,560 | 43,770 | 39,180 | 27,390 | 24,050 | -      |
|                            | R*ON600E4A** | YS40KAE            | 68,460                   | 62,420 | 56,540 | 51,100 | 45,910 | 32,340 | 28,480 | -      |

20° F Superheat Maximum

\*Each asterisk represents a variable character based upon model, voltage, and vintage ordered. See page 5 for nomenclature.

†Multiply capacity by .83 when used with 50 Hz power when applicable.

## CAPACITY DATA (BTUH)

EXTENDED MEDIUM TEMPERATURE R455A SCROLL // 60 HZ†

| Model No.                    |              | Comp.<br>Model No. | Suction Temperature (°F) |        |        |        |        |        |        |      |
|------------------------------|--------------|--------------------|--------------------------|--------|--------|--------|--------|--------|--------|------|
|                              |              |                    | 40°                      | 35°    | 30°    | 25°    | 20°    | 5°     | 0°     | -10° |
| Ambient Temperature<br>100°  | R*ON060M4A** | YB06KAE            | 8,900                    | 8,070  | 7,300  | 6,580  | 5,900  | 4,180  | 3,710  | -    |
|                              | R*ON080M4A** | YB07KAE            | 10,460                   | 9,530  | 8,650  | 7,810  | 7,030  | 5,000  | 4,420  | -    |
|                              | R*ON100M4A** | YB08KAE            | 11,620                   | 10,620 | 9,670  | 8,730  | 7,910  | 5,730  | 5,120  | -    |
|                              | R*ON130E4A** | YS09KAE            | 12,680                   | 11,500 | 10,430 | 9,420  | 8,490  | 6,140  | 5,480  | -    |
|                              | R*ON150E4A** | YS11KAE            | 15,810                   | 14,320 | 12,930 | 11,620 | 10,440 | 7,480  | 6,710  | -    |
|                              | R*ON180E4A** | YS12KAE            | 17,410                   | 15,750 | 14,120 | 12,770 | 11,500 | 8,280  | 7,380  | -    |
|                              | R*ON200E4A** | YS14KAE            | 21,060                   | 19,070 | 17,280 | 15,590 | 14,010 | 10,030 | 8,940  | -    |
|                              | R*ON250E4A** | YS16KAE            | 22,970                   | 20,910 | 18,920 | 17,100 | 15,410 | 11,090 | 9,890  | -    |
|                              | R*ON280E4A** | YS19KAE            | 31,260                   | 28,010 | 25,000 | 22,310 | 19,900 | 13,940 | 12,240 | -    |
|                              | R*ON300E4A** | YS21KAE            | 34,390                   | 30,900 | 27,690 | 24,750 | 22,050 | 15,480 | 13,840 | -    |
|                              | R*ON350E4A** | YS24KAE            | 37,870                   | 34,050 | 30,550 | 27,360 | 24,380 | 17,140 | 15,320 | -    |
|                              | R*ON400E4A** | YS26KAE            | 41,960                   | 37,780 | 33,980 | 30,420 | 27,140 | 19,160 | 16,960 | -    |
|                              | R*ON450E4A** | YS30KA             | 46,120                   | 41,870 | 37,600 | 33,800 | 30,270 | 21,460 | 19,060 | -    |
|                              | R*ON500E4A** | YS33KAE            | 56,730                   | 51,610 | 46,790 | 42,070 | 37,740 | 26,380 | 23,110 | -    |
|                              | R*ON600E4A** | YS40KAE            | 65,730                   | 60,130 | 54,490 | 49,190 | 44,140 | 31,130 | 27,310 | -    |
| Ambient Temperature<br>110°^ | R*ON060M4A** | YB06KAE            | 8,060                    | 7,300  | 6,600  | 5,940  | 5,330  | 3,780  | -      | -    |
|                              | R*ON080M4A** | YB07KAE            | 9,450                    | 8,600  | 7,800  | 7,050  | 6,340  | 4,530  | -      | -    |
|                              | R*ON100M4A** | YB08KAE            | 10,480                   | 9,590  | 8,700  | 7,880  | 7,120  | 5,180  | -      | -    |
|                              | R*ON130E4A** | YS09KAE            | 11,340                   | 10,310 | 9,340  | 8,410  | 7,600  | 5,500  | -      | -    |
|                              | R*ON150E4A** | YS11KAE            | 14,270                   | 12,830 | 11,640 | 10,430 | 9,380  | 6,730  | -      | -    |
|                              | R*ON180E4A** | YS12KAE            | 15,700                   | 14,130 | 12,670 | 11,430 | 10,300 | 7,420  | -      | -    |
|                              | R*ON200E4A** | YS14KAE            | 19,010                   | 17,190 | 15,570 | 14,010 | 12,570 | 9,010  | -      | -    |
|                              | R*ON250E4A** | YS16KAE            | 20,750                   | 18,830 | 17,030 | 15,380 | 13,850 | 9,950  | -      | -    |
|                              | R*ON280E4A** | YS19KAE            | 28,270                   | 25,300 | 22,620 | 20,100 | 17,900 | 12,530 | -      | -    |
|                              | R*ON300E4A** | YS21KAE            | 31,060                   | 27,910 | 24,950 | 22,240 | 19,830 | 13,910 | -      | -    |
|                              | R*ON350E4A** | YS24KAE            | 34,230                   | 30,740 | 27,560 | 24,560 | 21,920 | 15,370 | -      | -    |
|                              | R*ON400E4A** | YS26KAE            | 37,930                   | 34,110 | 30,520 | 27,360 | 24,400 | 17,190 | -      | -    |
|                              | R*ON450E4A** | YS30KA             | 41,870                   | 37,810 | 33,780 | 30,370 | 27,130 | 19,270 | -      | -    |
|                              | R*ON500E4A** | YS33KAE            | 52,360                   | 47,590 | 43,050 | 38,700 | 34,670 | 24,200 | -      | -    |
|                              | R*ON600E4A** | YS40KAE            | 60,600                   | 55,390 | 50,090 | 45,270 | 40,570 | 28,480 | -      | -    |

20° F Superheat Maximum

\*Each asterisk represents a variable character based upon model, voltage, and vintage ordered. See page 5 for nomenclature.

†Multiply capacity by .83 when used with 50 Hz power when applicable.

^ High Ambient Option Required

## CAPACITY DATA (BTUH)

LOW TEMPERATURE R454A SCROLL // 60 HZ<sup>‡</sup>

| Model No.                  |              | Comp.<br>Model No. | Suction Temperature (°F) |        |        |        |        |        |        |        |        |
|----------------------------|--------------|--------------------|--------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
|                            |              |                    | 0°                       | -5°    | -10°   | -15°   | -20°   | -25°   | -30°   | -35°   | -40°   |
| Ambient Temperature<br>90° | R*ON100L4A** | YF03KAE            | 4,760                    | 4,240  | 3,770  | 3,340  | 2,960  | 2,620  | 2,320  | 2,050  | 1,780  |
|                            | R*ON130L4A** | YF04KAE            | 6,350                    | 5,680  | 5,060  | 4,500  | 3,980  | 3,510  | 3,100  | 2,720  | 2,400  |
|                            | R*ON160L4A** | YF05KAE            | 7,330                    | 6,580  | 5,890  | 5,250  | 4,650  | 4,110  | 3,620  | 3,180  | 2,800  |
|                            | R*ON230L4A** | YF07KAE            | 11,340                   | 10,190 | 9,120  | 8,160  | 7,270  | 6,440  | 5,700  | 5,030  | 4,380  |
|                            | R*ON250L4A** | YF06KSE            | 13,670                   | 12,300 | 11,050 | 9,890  | 8,800  | 7,790  | 6,870  | 6,020  | 5,230  |
|                            | R*ON300L4A** | YF07KSE            | 15,050                   | 13,590 | 12,210 | 10,930 | 9,770  | 8,670  | 7,650  | 6,700  | 5,830  |
|                            | R*ON350L4A** | YF09KSE            | 18,090                   | 16,400 | 14,800 | 13,320 | 11,930 | 10,610 | 9,380  | 8,250  | 7,180  |
|                            | R*ON400L4A** | YF10KAE            | 24,000                   | 21,460 | 19,180 | 17,030 | 15,100 | 13,310 | 11,700 | 10,230 | 8,840  |
|                            | R*ON500L4A** | YF13KAE            | 29,180                   | 26,160 | 23,380 | 20,830 | 18,460 | 16,330 | 14,390 | 12,590 | 10,910 |
|                            | R*ON600L4A** | YF15KAE            | 34,000                   | 30,550 | 27,380 | 24,400 | 21,700 | 19,180 | 16,920 | 14,790 | 12,900 |
| Ambient Temperature<br>95° | R*ON100L4A** | YF03KAE            | 4,580                    | 4,070  | 3,620  | 3,210  | 2,850  | 2,530  | 2,230  | 1,970  | 1,720  |
|                            | R*ON130L4A** | YF04KAE            | 6,070                    | 5,450  | 4,850  | 4,310  | 3,820  | 3,380  | 2,980  | 2,620  | 2,310  |
|                            | R*ON160L4A** | YF05KAE            | 7,030                    | 6,320  | 5,660  | 5,050  | 4,470  | 3,950  | 3,490  | 3,070  | 2,700  |
|                            | R*ON230L4A** | YF07KAE            | 10,830                   | 9,730  | 8,740  | 7,810  | 6,970  | 6,190  | 5,480  | 4,810  | 4,210  |
|                            | R*ON250L4A** | YF06KSE            | 13,110                   | 11,820 | 10,600 | 9,490  | 8,450  | 7,490  | 6,600  | 5,780  | 5,010  |
|                            | R*ON300L4A** | YF07KSE            | 14,450                   | 13,040 | 11,730 | 10,520 | 9,390  | 8,320  | 7,340  | 6,420  | 5,580  |
|                            | R*ON350L4A** | YF09KSE            | 17,310                   | 15,700 | 14,200 | 12,780 | 11,430 | 10,170 | 9,010  | 7,910  | 6,860  |
|                            | R*ON400L4A** | YF10KAE            | 23,050                   | 20,640 | 18,440 | 16,390 | 14,500 | 12,800 | 11,230 | 9,790  | 8,490  |
|                            | R*ON500L4A** | YF13KAE            | 27,990                   | 25,130 | 22,500 | 20,040 | 17,770 | 15,720 | 13,820 | 12,050 | 10,460 |
|                            | R*ON600L4A** | YF15KAE            | 32,610                   | 29,350 | 26,260 | 23,450 | 20,840 | 18,430 | 16,250 | 14,220 | 12,370 |

\*Each asterisk represents a variable character based upon model, voltage, and vintage ordered. See page 5 for nomenclature.

‡Multiply capacity by .83 when used with 50 Hz power when applicable.

## CAPACITY DATA (BTUH)

LOW TEMPERATURE R454A SCROLL // 60 HZ<sup>‡</sup>

| Model No.                                |              | Comp.<br>Model No. | Suction Temperature (°F) |        |        |        |        |        |        |        |        |
|------------------------------------------|--------------|--------------------|--------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
|                                          |              |                    | 0°                       | -5°    | -10°   | -15°   | -20°   | -25°   | -30°   | -35°   | -40°   |
| Ambient Temperature<br>100°              | R*ON100L4A** | YF03KAE            | 4,380                    | 3,900  | 3,470  | 3,080  | 2,730  | 2,430  | 2,150  | 1,890  | 1,650  |
|                                          | R*ON130L4A** | YF04KAE            | 5,830                    | 5,220  | 4,660  | 4,140  | 3,670  | 3,240  | 2,860  | 2,520  | 2,220  |
|                                          | R*ON160L4A** | YF05KAE            | 6,730                    | 6,050  | 5,420  | 4,830  | 4,290  | 3,790  | 3,350  | 2,950  | 2,590  |
|                                          | R*ON230L4A** | YF07KAE            | 10,340                   | 9,300  | 8,340  | 7,480  | 6,660  | 5,920  | 5,240  | 4,610  | 4,050  |
|                                          | R*ON250L4A** | YF06KSE            | 12,570                   | 11,340 | 10,170 | 9,090  | 8,090  | 7,160  | 6,310  | 5,520  | 4,790  |
|                                          | R*ON300L4A** | YF07KSE            | 13,840                   | 12,500 | 11,260 | 10,070 | 8,990  | 7,970  | 7,030  | 6,150  | 5,340  |
|                                          | R*ON350L4A** | YF09KSE            | 16,570                   | 15,050 | 13,580 | 12,230 | 10,930 | 9,750  | 8,610  | 7,540  | 6,560  |
|                                          | R*ON400L4A** | YF10KAE            | 22,100                   | 19,830 | 17,670 | 15,710 | 13,910 | 12,260 | 10,760 | 9,400  | 8,120  |
|                                          | R*ON500L4A** | YF13KAE            | 26,830                   | 24,140 | 21,540 | 19,180 | 17,030 | 15,050 | 13,230 | 11,580 | 10,010 |
|                                          | R*ON600L4A** | YF15KAE            | 31,330                   | 28,150 | 25,210 | 22,470 | 19,970 | 17,670 | 15,570 | 13,630 | 11,830 |
| Ambient Temperature<br>110° <sup>^</sup> | R*ON100L4A** | YF03KAE            | 4,000                    | 3,560  | 3,170  | 2,820  | 2,500  | 2,220  | 1,970  | 1,740  | 1,510  |
|                                          | R*ON130L4A** | YF04KAE            | 5,310                    | 4,760  | 4,240  | 3,780  | 3,350  | 2,960  | 2,620  | 2,310  | 2,040  |
|                                          | R*ON160L4A** | YF05KAE            | 6,150                    | 5,520  | 4,950  | 4,420  | 3,930  | 3,480  | 3,080  | 2,720  | 2,390  |
|                                          | R*ON230L4A** | YF07KAE            | 9,380                    | 8,440  | 7,570  | 6,780  | 6,060  | 5,380  | 4,780  | 4,210  | 3,700  |
|                                          | R*ON250L4A** | YF06KSE            | 11,460                   | 10,340 | 9,270  | 8,290  | 7,380  | 6,520  | 5,750  | 5,010  | 4,340  |
|                                          | R*ON300L4A** | YF07KSE            | 12,660                   | 11,390 | 10,260 | 9,200  | 8,200  | 7,260  | 6,400  | 5,580  | 4,830  |
|                                          | R*ON350L4A** | YF09KSE            | 15,110                   | 13,730 | 12,380 | 11,130 | 9,960  | 8,840  | 7,820  | 6,840  | 5,920  |
|                                          | R*ON400L4A** | YF10KAE            | 20,220                   | 18,130 | 16,160 | 14,350 | 12,660 | 11,180 | 9,800  | 8,530  | 7,360  |
|                                          | R*ON500L4A** | YF13KAE            | 24,590                   | 22,020 | 19,680 | 17,530 | 15,530 | 13,720 | 12,070 | 10,530 | 9,080  |
|                                          | R*ON600L4A** | YF15KAE            | 28,610                   | 25,690 | 22,990 | 20,530 | 18,210 | 16,110 | 14,190 | 12,390 | 10,760 |

\*Each asterisk represents a variable character based upon model, voltage, and vintage ordered. See page 5 for nomenclature.

‡Multiply capacity by .83 when used with 50 Hz power when applicable.

^ High Ambient Option Required

## CAPACITY DATA (BTUH)

LOW TEMPERATURE R454C SCROLL // 60 HZ‡

| Model No.                  |              | Comp.<br>Model No. | Suction Temperature (°F) |        |        |        |        |        |        |        |        |
|----------------------------|--------------|--------------------|--------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
|                            |              |                    | 0°                       | -5°    | -10°   | -15°   | -20°   | -25°   | -30°   | -35°   | -40°   |
| Ambient Temperature<br>90° | R*ON100L4A** | YF03KAE            | 4,100                    | 3,620  | 3,190  | 2,810  | 2,480  | 2,170  | 1,910  | 1,670  | 1,440  |
|                            | R*ON130L4A** | YF04KAE            | 5,500                    | 4,870  | 4,310  | 3,800  | 3,340  | 2,940  | 2,580  | 2,250  | 1,960  |
|                            | R*ON160L4A** | YF05KAE            | 6,400                    | 5,680  | 5,050  | 4,460  | 3,940  | 3,460  | 3,040  | 2,650  | 2,310  |
|                            | R*ON230L4A** | YF07KAE            | 9,900                    | 8,820  | 7,840  | 6,950  | 6,150  | 5,400  | 4,750  | 4,150  | 3,600  |
|                            | R*ON250L4A** | YF06KSE            | 11,640                   | 10,420 | 9,230  | 8,250  | 7,280  | 6,410  | 5,620  | 4,890  | 4,230  |
|                            | R*ON300L4A** | YF07KSE            | 12,850                   | 11,530 | 10,300 | 9,160  | 8,090  | 7,140  | 6,270  | 5,460  | 4,720  |
|                            | R*ON350L4A** | YF09KSE            | 15,590                   | 14,040 | 12,560 | 11,210 | 9,970  | 8,810  | 7,750  | 6,770  | 5,860  |
|                            | R*ON400L4A** | YF10KAE            | 20,120                   | 17,880 | 15,880 | 13,970 | 12,280 | 10,780 | 9,420  | 8,190  | 7,080  |
|                            | R*ON500L4A** | YF13KAE            | 24,580                   | 21,920 | 19,480 | 17,250 | 15,210 | 13,350 | 11,670 | 10,150 | 8,760  |
|                            | R*ON600L4A** | YF15KAE            | 28,840                   | 25,790 | 22,910 | 20,330 | 17,930 | 15,770 | 13,800 | 12,020 | 10,410 |
| Ambient Temperature<br>95° | R*ON100L4A** | YF03KAE            | 3,910                    | 3,460  | 3,050  | 2,690  | 2,370  | 2,090  | 1,830  | 1,600  | 1,380  |
|                            | R*ON130L4A** | YF04KAE            | 5,250                    | 4,660  | 4,110  | 3,630  | 3,200  | 2,810  | 2,470  | 2,160  | 1,880  |
|                            | R*ON160L4A** | YF05KAE            | 6,100                    | 5,430  | 4,830  | 4,270  | 3,770  | 3,310  | 2,910  | 2,540  | 2,220  |
|                            | R*ON230L4A** | YF07KAE            | 9,440                    | 8,410  | 7,500  | 6,640  | 5,870  | 5,170  | 4,550  | 3,980  | 3,450  |
|                            | R*ON250L4A** | YF06KSE            | 11,140                   | 9,970  | 8,880  | 7,860  | 6,980  | 6,130  | 5,370  | 4,680  | 4,030  |
|                            | R*ON300L4A** | YF07KSE            | 12,280                   | 11,050 | 9,860  | 8,770  | 7,740  | 6,830  | 6,000  | 5,220  | 4,500  |
|                            | R*ON350L4A** | YF09KSE            | 14,890                   | 13,360 | 12,030 | 10,740 | 9,540  | 8,420  | 7,420  | 6,470  | 5,590  |
|                            | R*ON400L4A** | YF10KAE            | 19,250                   | 17,100 | 15,160 | 13,390 | 11,780 | 10,320 | 9,020  | 7,840  | 6,770  |
|                            | R*ON500L4A** | YF13KAE            | 23,600                   | 21,030 | 18,660 | 16,540 | 14,560 | 12,780 | 11,180 | 9,700  | 8,370  |
|                            | R*ON600L4A** | YF15KAE            | 27,670                   | 24,690 | 21,970 | 19,460 | 17,180 | 15,100 | 13,220 | 11,500 | 9,940  |

\*Each asterisk represents a variable character based upon model, voltage, and vintage ordered. See page 5 for nomenclature.

‡Multiply capacity by .83 when used with 50 Hz power when applicable.

## CAPACITY DATA (BTUH)

LOW TEMPERATURE R454C SCROLL // 60 HZ<sup>‡</sup>

| Model No.                                |              | Comp.<br>Model No. | Suction Temperature (°F) |        |        |        |        |        |        |        |       |
|------------------------------------------|--------------|--------------------|--------------------------|--------|--------|--------|--------|--------|--------|--------|-------|
|                                          |              |                    | 0°                       | -5°    | -10°   | -15°   | -20°   | -25°   | -30°   | -35°   | -40°  |
| Ambient Temperature<br>100°              | R*ON100L4A** | YF03KAE            | 3,750                    | 3,310  | 2,910  | 2,570  | 2,260  | 1,990  | 1,750  | 1,530  | 1,330 |
|                                          | R*ON130L4A** | YF04KAE            | 5,000                    | 4,440  | 3,920  | 3,470  | 3,050  | 2,690  | 2,360  | 2,070  | 1,800 |
|                                          | R*ON160L4A** | YF05KAE            | 5,830                    | 5,190  | 4,610  | 4,070  | 3,590  | 3,170  | 2,790  | 2,440  | 2,120 |
|                                          | R*ON230L4A** | YF07KAE            | 9,000                    | 8,040  | 7,130  | 6,340  | 5,600  | 4,940  | 4,350  | 3,800  | 3,300 |
|                                          | R*ON250L4A** | YF06KSE            | 10,640                   | 9,510  | 8,490  | 7,530  | 6,660  | 5,860  | 5,140  | 4,460  | 3,850 |
|                                          | R*ON300L4A** | YF07KSE            | 11,760                   | 10,550 | 9,420  | 8,370  | 7,420  | 6,530  | 5,720  | 4,970  | 4,280 |
|                                          | R*ON350L4A** | YF09KSE            | 14,220                   | 12,770 | 11,460 | 10,230 | 9,100  | 8,040  | 7,060  | 6,160  | 5,320 |
|                                          | R*ON400L4A** | YF10KAE            | 18,470                   | 16,380 | 14,530 | 12,800 | 11,220 | 9,860  | 8,610  | 7,500  | 6,440 |
|                                          | R*ON500L4A** | YF13KAE            | 22,620                   | 20,100 | 17,870 | 15,760 | 13,870 | 12,190 | 10,650 | 9,260  | 7,970 |
|                                          | R*ON600L4A** | YF15KAE            | 26,540                   | 23,650 | 21,020 | 18,580 | 16,400 | 14,410 | 12,610 | 11,000 | 9,500 |
| Ambient Temperature<br>110° <sup>^</sup> | R*ON100L4A** | YF03KAE            | 3,400                    | 2,990  | 2,640  | 2,330  | 2,050  | 1,810  | 1,590  | 1,400  | 1,210 |
|                                          | R*ON130L4A** | YF04KAE            | 4,520                    | 4,010  | 3,550  | 3,120  | 2,760  | 2,440  | 2,150  | 1,890  | 1,650 |
|                                          | R*ON160L4A** | YF05KAE            | 5,260                    | 4,690  | 4,160  | 3,690  | 3,250  | 2,880  | 2,530  | 2,220  | 1,940 |
|                                          | R*ON230L4A** | YF07KAE            | 8,140                    | 7,240  | 6,450  | 5,720  | 5,060  | 4,470  | 3,940  | 3,450  | 3,010 |
|                                          | R*ON250L4A** | YF06KSE            | 9,670                    | 8,650  | 7,690  | 6,830  | 6,020  | 5,290  | 4,630  | 4,010  | 3,450 |
|                                          | R*ON300L4A** | YF07KSE            | 10,680                   | 9,540  | 8,530  | 7,590  | 6,710  | 5,900  | 5,160  | 4,470  | 3,840 |
|                                          | R*ON350L4A** | YF09KSE            | 12,870                   | 11,600 | 10,370 | 9,250  | 8,220  | 7,250  | 6,380  | 5,540  | 4,770 |
|                                          | R*ON400L4A** | YF10KAE            | 16,780                   | 14,880 | 13,180 | 11,600 | 10,170 | 8,930  | 7,800  | 6,750  | 5,820 |
|                                          | R*ON500L4A** | YF13KAE            | 20,540                   | 18,250 | 16,190 | 14,280 | 12,560 | 11,030 | 9,620  | 8,340  | 7,180 |
|                                          | R*ON600L4A** | YF15KAE            | 24,120                   | 21,450 | 19,050 | 16,880 | 14,860 | 13,050 | 11,410 | 9,950  | 8,580 |

\*Each asterisk represents a variable character based upon model, voltage, and vintage ordered. See page 5 for nomenclature.

‡Multiply capacity by .83 when used with 50 Hz power when applicable.

<sup>^</sup> High Ambient Option Required

## CAPACITY DATA (BTUH)

LOW TEMPERATURE R455A SCROLL // 60 HZ<sup>‡</sup>

| Model No.                  |              | Comp.<br>Model No. | Suction Temperature (°F) |        |        |        |        |        |        |        |        |
|----------------------------|--------------|--------------------|--------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
|                            |              |                    | 0°                       | -5°    | -10°   | -15°   | -20°   | -25°   | -30°   | -35°   | -40°   |
| Ambient Temperature<br>90° | R*ON100L4A** | YF03KAE            | 4,520                    | 4,000  | 3,530  | 3,110  | 2,740  | 2,410  | 2,110  | 1,840  | 1,600  |
|                            | R*ON130L4A** | YF04KAE            | 6,100                    | 5,410  | 4,780  | 4,210  | 3,710  | 3,250  | 2,840  | 2,480  | 2,160  |
|                            | R*ON160L4A** | YF05KAE            | 7,060                    | 6,290  | 5,590  | 4,940  | 4,370  | 3,830  | 3,360  | 2,940  | 2,560  |
|                            | R*ON230L4A** | YF07KAE            | 10,920                   | 9,710  | 8,670  | 7,690  | 6,790  | 5,990  | 5,260  | 4,600  | 4,010  |
|                            | R*ON250L4A** | YF06KSE            | 12,680                   | 11,360 | 10,130 | 8,990  | 7,950  | 6,990  | 6,120  | 5,320  | 4,590  |
|                            | R*ON300L4A** | YF07KSE            | 14,030                   | 12,590 | 11,240 | 10,000 | 8,840  | 7,780  | 6,820  | 5,940  | 5,110  |
|                            | R*ON350L4A** | YF09KSE            | 17,000                   | 15,310 | 13,720 | 12,260 | 10,860 | 9,620  | 8,470  | 7,370  | 6,370  |
|                            | R*ON400L4A** | YF10KAE            | 21,820                   | 19,430 | 17,230 | 15,240 | 13,400 | 11,770 | 10,250 | 8,930  | 7,710  |
|                            | R*ON500L4A** | YF13KAE            | 26,810                   | 23,920 | 21,250 | 18,770 | 16,550 | 14,520 | 12,680 | 11,020 | 9,510  |
|                            | R*ON600L4A** | YF15KAE            | 31,530                   | 28,080 | 24,940 | 22,080 | 19,480 | 17,120 | 14,990 | 13,050 | 11,300 |
| Ambient Temperature<br>95° | R*ON100L4A** | YF03KAE            | 4,340                    | 3,830  | 3,370  | 2,970  | 2,610  | 2,310  | 2,030  | 1,780  | 1,540  |
|                            | R*ON130L4A** | YF04KAE            | 5,820                    | 5,170  | 4,570  | 4,040  | 3,530  | 3,110  | 2,720  | 2,380  | 2,070  |
|                            | R*ON160L4A** | YF05KAE            | 6,740                    | 6,030  | 5,340  | 4,730  | 4,170  | 3,670  | 3,220  | 2,820  | 2,450  |
|                            | R*ON230L4A** | YF07KAE            | 10,440                   | 9,280  | 8,290  | 7,360  | 6,490  | 5,740  | 5,040  | 4,420  | 3,840  |
|                            | R*ON250L4A** | YF06KSE            | 12,120                   | 10,880 | 9,700  | 8,600  | 7,600  | 6,680  | 5,850  | 5,080  | 4,390  |
|                            | R*ON300L4A** | YF07KSE            | 13,460                   | 12,090 | 10,770 | 9,570  | 8,460  | 7,440  | 6,510  | 5,670  | 4,870  |
|                            | R*ON350L4A** | YF09KSE            | 16,240                   | 14,630 | 13,110 | 11,720 | 10,430 | 9,190  | 8,090  | 7,040  | 6,080  |
|                            | R*ON400L4A** | YF10KAE            | 20,970                   | 18,640 | 16,550 | 14,580 | 12,790 | 11,240 | 9,810  | 8,500  | 7,370  |
|                            | R*ON500L4A** | YF13KAE            | 25,710                   | 22,890 | 20,320 | 17,950 | 15,780 | 13,880 | 12,130 | 10,500 | 9,060  |
|                            | R*ON600L4A** | YF15KAE            | 30,140                   | 26,880 | 23,870 | 21,110 | 18,590 | 16,370 | 14,330 | 12,510 | 10,820 |

\*Each asterisk represents a variable character based upon model, voltage, and vintage ordered. See page 5 for nomenclature.

‡Multiply capacity by .83 when used with 50 Hz power when applicable.

## CAPACITY DATA (BTUH)

LOW TEMPERATURE R455A SCROLL // 60 HZ†

| Model No.                    |              | Comp.<br>Model No. | Suction Temperature (°F) |        |        |        |        |        |        |        |        |
|------------------------------|--------------|--------------------|--------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
|                              |              |                    | 0°                       | -5°    | -10°   | -15°   | -20°   | -25°   | -30°   | -35°   | -40°   |
| Ambient Temperature<br>100°  | R*ON100L4A** | YF03KAE            | 4,150                    | 3,660  | 3,220  | 2,840  | 2,510  | 2,210  | 1,940  | 1,700  | 1,480  |
|                              | R*ON130L4A** | YF04KAE            | 5,550                    | 4,930  | 4,360  | 3,850  | 3,370  | 2,970  | 2,610  | 2,280  | 1,990  |
|                              | R*ON160L4A** | YF05KAE            | 6,430                    | 5,740  | 5,090  | 4,520  | 3,980  | 3,510  | 3,080  | 2,700  | 2,350  |
|                              | R*ON230L4A** | YF07KAE            | 9,940                    | 8,860  | 7,910  | 7,020  | 6,190  | 5,470  | 4,820  | 4,220  | 3,670  |
|                              | R*ON250L4A** | YF06KSE            | 11,630                   | 10,400 | 9,260  | 8,230  | 7,260  | 6,380  | 5,580  | 4,840  | 4,170  |
|                              | R*ON300L4A** | YF07KSE            | 12,840                   | 11,510 | 10,290 | 9,150  | 8,070  | 7,100  | 6,210  | 5,400  | 4,640  |
|                              | R*ON350L4A** | YF09KSE            | 15,520                   | 13,910 | 12,520 | 11,200 | 9,930  | 8,770  | 7,700  | 6,710  | 5,780  |
|                              | R*ON400L4A** | YF10KAE            | 20,080                   | 17,830 | 15,810 | 13,930 | 12,220 | 10,730 | 9,360  | 8,110  | 7,020  |
|                              | R*ON500L4A** | YF13KAE            | 24,580                   | 21,880 | 19,450 | 17,160 | 15,070 | 13,240 | 11,580 | 10,020 | 8,640  |
|                              | R*ON600L4A** | YF15KAE            | 28,830                   | 25,700 | 22,820 | 20,180 | 17,760 | 15,640 | 13,690 | 11,950 | 10,300 |
| Ambient Temperature<br>110°^ | R*ON100L4A** | YF03KAE            | 3,750                    | 3,310  | 2,930  | -      | -      | -      | -      | -      | -      |
|                              | R*ON130L4A** | YF04KAE            | 5,020                    | 4,450  | 3,950  | -      | -      | -      | -      | -      | -      |
|                              | R*ON160L4A** | YF05KAE            | 5,810                    | 5,180  | 4,610  | -      | -      | -      | -      | -      | -      |
|                              | R*ON230L4A** | YF07KAE            | 8,980                    | 8,030  | 7,150  | -      | -      | -      | -      | -      | -      |
|                              | R*ON250L4A** | YF06KSE            | 10,550                   | 9,430  | 8,390  | -      | -      | -      | -      | -      | -      |
|                              | R*ON300L4A** | YF07KSE            | 11,660                   | 10,450 | 9,320  | -      | -      | -      | -      | -      | -      |
|                              | R*ON350L4A** | YF09KSE            | 14,000                   | 12,670 | 11,340 | -      | -      | -      | -      | -      | -      |
|                              | R*ON400L4A** | YF10KAE            | 18,230                   | 16,110 | 14,340 | -      | -      | -      | -      | -      | -      |
|                              | R*ON500L4A** | YF13KAE            | 22,320                   | 19,870 | 17,600 | -      | -      | -      | -      | -      | -      |
|                              | R*ON600L4A** | YF15KAE            | 26,240                   | 23,340 | 20,710 | -      | -      | -      | -      | -      | -      |

\*Each asterisk represents a variable character based upon model, voltage, and vintage ordered. See page 5 for nomenclature.

‡Multiply capacity by .83 when used with 50 Hz power when applicable.

^ High Ambient Option Required

## ELECTRICAL DATA // SCROLL

| Model No.         |              | Comp.<br>Model No. | Compressor |       | Cond.<br>Fan<br>FLA | Air Defrost/<br>No Defrost<br>Provisions |      | Max<br>Evap. Fan<br>Amps† | Max<br>Defrost<br>Amps† | Electric<br>Defrost |      | Electric<br>Defrost<br>Kit† |
|-------------------|--------------|--------------------|------------|-------|---------------------|------------------------------------------|------|---------------------------|-------------------------|---------------------|------|-----------------------------|
|                   |              |                    | RLA        | LRA   |                     | MCA                                      | MOPD |                           |                         | MCA                 | MOPD |                             |
| 200-220V/1/50 Hz  | R*ON130E4A** | YS09KAE            | 8.0        | 45.0  | 0.6                 | 15.0                                     | 15   | 4                         | 15                      | 19.8                | 20   | ED-5                        |
|                   | R*ON150E4A** | YS11KAE            | 9.2        | 45.0  | 1.2                 | 15.0                                     | 20   | 6                         | 20                      | 26.0                | 30   | ED-6                        |
|                   | R*ON180E4A** | YS12KAE            | 10.1       | 54.0  | 1.2                 | 15.0                                     | 20   | 6                         | 20                      | 26.0                | 30   | ED-6                        |
|                   | R*ON200E4A** | YS14KAE            | 12.4       | 61.0  | 1.2                 | 17.7                                     | 30   | 10                        | 25                      | 32.3                | 40   | ED-7                        |
|                   | R*ON250E4A** | YS16KAE            | 14.5       | 79.0  | 1.2                 | 20.3                                     | 30   | 10                        | 25                      | 32.3                | 40   | ED-7                        |
|                   | R*ON280E4A** | YS19KAE            | 15.3       | 76.7  | 5.2                 | 25.3                                     | 40   | 12                        | 30                      | 38.5                | 50   | ED-10                       |
|                   | R*ON300E4A** | YS21KAE            | 17.2       | 87.0  | 5.2                 | 27.7                                     | 40   | 12                        | 30                      | 39.7                | 50   | ED-10                       |
|                   | R*ON350E4A** | YS24KAE            | 17.8       | 122.0 | 5.2                 | 28.5                                     | 45   | 12                        | 30                      | 40.5                | 50   | ED-10                       |
|                   | R*ON400E4A** | YS26KAE            | 19.4       | 133.0 | 5.2                 | 30.5                                     | 45   | 12                        | 30                      | 42.5                | 60   | ED-10                       |
|                   | R*ON450E4A** | YS30KA             | 21.9       | 133.0 | 5.2                 | 33.6                                     | 50   | 12                        | 30                      | 45.6                | 60   | ED-10                       |
|                   | R*ON500E4A** | YS33KAE            | 23.7       | 160.0 | 5.2                 | 35.8                                     | 50   | 12                        | 30                      | 47.8                | 70   | ED-10                       |
| 208-230V/1/60 Hz  | R*ON060M4A** | YB06KAE            | 5.4        | 35.7  | 0.6                 | 15.0                                     | 15   | 4                         | 15                      | 19.8                | 20   | ED-5                        |
|                   | R*ON080M4A** | YB07KAE            | 5.6        | 48.0  | 0.6                 | 15.0                                     | 15   | 4                         | 15                      | 19.8                | 20   | ED-5                        |
|                   | R*ON100M4A** | YB08KAE            | 7.2        | 47.2  | 0.6                 | 15.0                                     | 15   | 4                         | 15                      | 19.8                | 20   | ED-5                        |
|                   | R*ON130E4A** | YS09KAE            | 9.0        | 40.3  | 0.6                 | 15.0                                     | 20   | 4                         | 15                      | 19.8                | 25   | ED-5                        |
|                   | R*ON150E4A** | YS11KAE            | 11.3       | 55.0  | 1.2                 | 16.3                                     | 25   | 6                         | 20                      | 26.0                | 30   | ED-6                        |
|                   | R*ON180E4A** | YS12KAE            | 10.8       | 56.0  | 1.2                 | 15.7                                     | 25   | 6                         | 20                      | 26.0                | 30   | ED-6                        |
|                   | R*ON200E4A** | YS14KAE            | 14.1       | 68.0  | 1.2                 | 19.8                                     | 30   | 10                        | 25                      | 32.3                | 40   | ED-7                        |
|                   | R*ON250E4A** | YS16KAE            | 16.2       | 75.0  | 1.2                 | 22.5                                     | 35   | 10                        | 25                      | 32.5                | 45   | ED-7                        |
|                   | R*ON280E4A** | YS19KAE            | 17.8       | 88.0  | 5.2                 | 28.5                                     | 45   | 12                        | 30                      | 40.5                | 50   | ED-10                       |
|                   | R*ON300E4A** | YS21KAE            | 20.8       | 112.0 | 5.2                 | 32.2                                     | 50   | 12                        | 30                      | 44.2                | 60   | ED-10                       |
|                   | R*ON350E4A** | YS24KAE            | 21.2       | 104.0 | 5.2                 | 32.7                                     | 50   | 12                        | 30                      | 44.7                | 60   | ED-10                       |
|                   | R*ON400E4A** | YS26KAE            | 23.4       | 137.0 | 5.2                 | 35.5                                     | 50   | 12                        | 30                      | 47.5                | 70   | ED-10                       |
|                   | R*ON450E4A** | YS30KA             | 23.0       | 146.0 | 5.2                 | 35.0                                     | 50   | 12                        | 30                      | 47.0                | 70   | ED-10                       |
|                   | R*ON500E4A** | YS33KAE            | 28.5       | 169.0 | 5.2                 | 41.8                                     | 70   | 12                        | 30                      | 53.8                | 80   | ED-10                       |
|                   | R*ON100L4A** | YF03KAE            | 5.4        | 42.3  | 0.6                 | 15.0                                     | 15   | 4                         | 15                      | 19.8                | 20   | ED-5                        |
|                   | R*ON130L4A** | YF04KAE            | 6.6        | 40.3  | 0.6                 | 15.0                                     | 15   | 4                         | 15                      | 19.8                | 20   | ED-5                        |
|                   | R*ON160L4A** | YF05KAE            | 7.8        | 55.0  | 0.6                 | 15.0                                     | 15   | 4                         | 15                      | 19.8                | 20   | ED-5                        |
|                   | R*ON230L4A** | YF07KAE            | 12.4       | 75.0  | 1.2                 | 17.7                                     | 30   | 6                         | 25                      | 32.3                | 35   | ED-7                        |
| 208-230V/1/60 Hz, | R*ON250L4A** | YF06KSE            | 14.7       | 73.0  | 1.2                 | 20.6                                     | 35   | 10                        | 25                      | 32.3                | 45   | ED-7                        |
|                   | R*ON300L4A** | YF07KSE            | 12.8       | 88.0  | 1.2                 | 18.2                                     | 30   | 10                        | 25                      | 32.3                | 40   | ED-7                        |
|                   | R*ON350L4A** | YF09KSE            | 16.3       | 109.0 | 1.2                 | 22.6                                     | 35   | 10                        | 30                      | 38.5                | 45   | ED-10                       |
|                   | R*ON400L4A** | YF10KAE            | 22.4       | 129.0 | 5.2                 | 34.2                                     | 50   | 12                        | 30                      | 46.2                | 60   | ED-10                       |
|                   | R*ON500L4A** | YF13KAE            | 24.7       | 169.0 | 5.2                 | 37.1                                     | 60   | 12                        | 30                      | 49.1                | 70   | ED-10                       |

## ELECTRICAL DATA // SCROLL

| Model No.                           |              | Comp.<br>Model No. | Compressor |       | Cond.<br>Fan<br>FLA | Air Defrost/<br>No Defrost<br>Provisions |      | Max<br>Evap. Fan<br>Amps† | Max<br>Defrost<br>Amps† | Electric<br>Defrost |      | Electric<br>Defrost<br>Kit† |
|-------------------------------------|--------------|--------------------|------------|-------|---------------------|------------------------------------------|------|---------------------------|-------------------------|---------------------|------|-----------------------------|
|                                     |              |                    | RLA        | LRA   |                     | MCA                                      | MOPD |                           |                         | MCA                 | MOPD |                             |
| 200-220V/1/50 Hz†                   | R*ON250L4A** | YF06KSE            | 14.7       | 73.0  | 1.2                 | 20.6                                     | 35   | 10                        | 25                      | 32.3                | 45   | ED-7                        |
|                                     | R*ON300L4A** | YF07KSE            | 12.8       | 88.0  | 1.2                 | 18.2                                     | 30   | 10                        | 25                      | 32.3                | 40   | ED-7                        |
|                                     | R*ON350L4A** | YF09KSE            | 16.3       | 109.0 | 1.2                 | 22.6                                     | 35   | 10                        | 30                      | 38.5                | 45   | ED-10                       |
|                                     | R*ON400L4A** | YF10KAE            | 22.4       | 129.0 | 5.2                 | 34.2                                     | 50   | 12                        | 30                      | 46.2                | 60   | ED-10                       |
|                                     | R*ON500L4A** | YF13KAE            | 24.7       | 169.0 | 5.2                 | 37.1                                     | 60   | 12                        | 30                      | 49.1                | 70   | ED-10                       |
| 208-230V/3/60 Hz, 200-220V/3/50 Hz† | R*ON060M4A** | YB06KAE            | 4.3        | 37.8  | 0.6                 | 15.0                                     | 15   | 4                         | 15                      | 19.8                | 20   | ED-5                        |
|                                     | R*ON080M4A** | YB07KAE            | 4.7        | 37.8  | 0.6                 | 15.0                                     | 15   | 4                         | 15                      | 19.8                | 20   | ED-5                        |
|                                     | R*ON100M4A** | YB08KAE            | 4.7        | 37.8  | 0.6                 | 15.0                                     | 15   | 4                         | 15                      | 19.8                | 20   | ED-5                        |
|                                     | R*ON130E4A** | YS09KAE            | 7.2        | 55.4  | 0.6                 | 15.0                                     | 15   | 4                         | 15                      | 19.8                | 20   | ED-5                        |
|                                     | R*ON150E4A** | YS11KAE            | 9.3        | 58    | 1.2                 | 15.0                                     | 20   | 6                         | 15                      | 19.8                | 25   | ED-5                        |
|                                     | R*ON180E4A** | YS12KAE            | 8.7        | 58    | 1.2                 | 15.0                                     | 20   | 6                         | 15                      | 19.8                | 25   | ED-5                        |
|                                     | R*ON200E4A** | YS14KAE            | 9.6        | 58    | 1.2                 | 15.0                                     | 20   | 10                        | 20                      | 26.0                | 30   | ED-6                        |
|                                     | R*ON250E4A** | YS16KAE            | 12.3       | 73    | 1.2                 | 17.6                                     | 25   | 10                        | 25                      | 32.3                | 35   | ED-7                        |
|                                     | R*ON280E4A** | YS19KAE            | 10.8       | 76.9  | 5.2                 | 19.7                                     | 30   | 12                        | 25                      | 32.3                | 40   | ED-7                        |
|                                     | R*ON300E4A** | YS21KAE            | 13.7       | 93    | 5.2                 | 23.3                                     | 35   | 12                        | 25                      | 35.3                | 45   | ED-7                        |
|                                     | R*ON350E4A** | YS24KAE            | 13.9       | 93    | 5.2                 | 23.6                                     | 35   | 12                        | 25                      | 35.6                | 45   | ED-7                        |
|                                     | R*ON400E4A** | YS26KAE            | 18.4       | 114   | 5.2                 | 29.2                                     | 45   | 12                        | 30                      | 41.2                | 50   | ED-11                       |
|                                     | R*ON450E4A** | YS30KA             | 20         | 114   | 5.2                 | 31.2                                     | 50   | 12                        | 30                      | 43.2                | 60   | ED-11                       |
|                                     | R*ON500E4A** | YS33KAE            | 19.2       | 123   | 5.2                 | 30.2                                     | 45   | 12                        | 30                      | 42.2                | 60   | ED-11                       |
|                                     | R*ON600E4A** | YS40KAE            | 21.5       | 156   | 5.2                 | 33.1                                     | 50   | 12                        | 30                      | 45.1                | 60   | ED-11                       |
|                                     | R*ON100L4A** | YF03KAE            | 3.7        | 31.7  | 0.6                 | 15.0                                     | 15   | 4                         | 15                      | 19.8                | 20   | ED-5                        |
|                                     | R*ON130L4A** | YF04KAE            | 6          | 55.4  | 0.6                 | 15.0                                     | 15   | 4                         | 15                      | 19.8                | 20   | ED-5                        |
|                                     | R*ON160L4A** | YF05KAE            | 6.6        | 58    | 0.6                 | 15.0                                     | 15   | 4                         | 15                      | 19.8                | 20   | ED-5                        |
|                                     | R*ON230L4A** | YF07KAE            | 7.8        | 58    | 1.2                 | 15.0                                     | 15   | 6                         | 15                      | 19.8                | 25   | ED-5                        |
|                                     | R*ON250L4A** | YF06KSE            | 8.7        | 63    | 1.2                 | 15.0                                     | 20   | 10                        | 20                      | 26.0                | 30   | ED-6                        |
|                                     | R*ON300L4A** | YF07KSE            | 8.7        | 83    | 1.2                 | 15.0                                     | 20   | 10                        | 20                      | 26.0                | 30   | ED-6                        |
|                                     | R*ON350L4A** | YF09KSE            | 10.9       | 88    | 1.2                 | 15.8                                     | 25   | 10                        | 25                      | 32.3                | 35   | ED-7                        |
|                                     | R*ON400L4A** | YF10KAE            | 11.9       | 99    | 5.2                 | 21.1                                     | 30   | 12                        | 25                      | 33.1                | 45   | ED-7                        |
|                                     | R*ON500L4A** | YF13KAE            | 17         | 123   | 5.2                 | 27.5                                     | 40   | 12                        | 30                      | 39.5                | 50   | ED-11                       |
|                                     | R*ON600L4A** | YF15KAE            | 19.6       | 156   | 5.2                 | 30.7                                     | 50   | 12                        | 30                      | 42.7                | 60   | ED-11                       |

\*Each asterisk represents a variable character based upon model, voltage, and vintage ordered. See page 5 for nomenclature.

RLA = Rated Load Amps LRA = Locked Rotor Amps MCA = Minimum Circuit Ampacity MOPD = Maximum Overcurrent Protection

MCA includes 1 amp allowance for control circuit requirement.

†Maximum Evap. fan amps and maximum defrost amps are shown to provide ratings when electric defrost is required and is an optional feature. Maximum Amp value used to determine MOPD. Exceeding these values invalidates the listed MOPD and requires a revised calculation.

Contact Application Engineering when amp draw requirements deviate from the chart values.

‡R\*ON060M4A\*\*, R\*ON080M4A\*\*, R\*ON100M4A\*\*, R\*ON100L4A\*\*, R\*ON130L4A\*\*, and R\*ON160L4A\*\* are not available in 200-220V/1/50 Hz, 200-220V/3/50, 380V/3/50 Hz or 460V/3/60 Hz.

++ RBON130E4A\*\* is not available in 460V. R\*ON230L4A\*\* is not available in 200-220V/1/50 Hz, 200-220V/3/50, or 380V/3/50 Hz.

## ELECTRICAL DATA // SCROLL

| Model No.                   |                | Comp.<br>Model No. | Compressor |      | Cond.<br>Fan<br>FLA | Air Defrost/<br>No Defrost<br>Provisions |      | Max<br>Evap. Fan<br>Amps† | Max<br>Defrost<br>Amps† | Electric<br>Defrost |      | Electric<br>Defrost<br>Kitt |
|-----------------------------|----------------|--------------------|------------|------|---------------------|------------------------------------------|------|---------------------------|-------------------------|---------------------|------|-----------------------------|
|                             |                |                    | RLA        | LRA  |                     | MCA                                      | MOPD |                           |                         | MCA                 | MOPD |                             |
| 460V/3/60 Hz, 380V/3/50 Hz‡ | R*ON130E4A**++ | YS09KAE            | 3.4        | 27   | 0.6                 | 15.0                                     | 15   | 2                         | 15                      | 19.8                | 20   | ED-17                       |
|                             | R*ON150E4A**   | YS11KAE            | 3.8        | 28   | 1.2                 | 15.0                                     | 15   | 3                         | 15                      | 19.8                | 20   | ED-17                       |
|                             | R*ON180E4A**   | YS12KAE            | 4.3        | 29   | 1.2                 | 15.0                                     | 15   | 3                         | 15                      | 19.8                | 20   | ED-17                       |
|                             | R*ON200E4A**   | YS14KAE            | 4.8        | 29   | 1.2                 | 15.0                                     | 15   | 5                         | 15                      | 19.8                | 20   | ED-17                       |
|                             | R*ON250E4A**   | YS16KAE            | 5.8        | 38   | 1.2                 | 15.0                                     | 15   | 5                         | 15                      | 19.8                | 20   | ED-17                       |
|                             | R*ON280E4A**   | YS19KAE            | 4.9        | 41.6 | 3.1                 | 15.0                                     | 15   | 6                         | 15                      | 19.8                | 20   | ED-17                       |
|                             | R*ON300E4A**   | YS21KAE            | 6.2        | 48   | 3.1                 | 15.0                                     | 15   | 6                         | 15                      | 19.8                | 20   | ED-17                       |
|                             | R*ON350E4A**   | YS24KAE            | 6.2        | 48   | 3.1                 | 15.0                                     | 15   | 6                         | 15                      | 19.8                | 20   | ED-17                       |
|                             | R*ON400E4A**   | YS26KAE            | 8.4        | 58   | 3.1                 | 15.0                                     | 20   | 6                         | 15                      | 20.6                | 25   | ED-17                       |
|                             | R*ON450E4A**   | YS30KA             | 9          | 52   | 3.1                 | 15.4                                     | 20   | 6                         | 20                      | 26.0                | 30   | ED-18                       |
|                             | R*ON500E4A**   | YS33KAE            | 8.7        | 62   | 3.1                 | 15.0                                     | 20   | 6                         | 20                      | 26.0                | 30   | ED-18                       |
|                             | R*ON600E4A**   | YS40KAE            | 8.3        | 75   | 3.1                 | 15.0                                     | 20   | 6                         | 20                      | 26.0                | 30   | ED-18                       |
|                             | R*ON230L4A**   | YF07KAE            | 3.6        | 28   | 1.2                 | 15.0                                     | 15   | 3                         | 15                      | 19.8                | 20   | ED-17                       |
|                             | R*ON250L4A**   | YF06KSE            | 4.5        | 31   | 1.2                 | 15.0                                     | 15   | 5                         | 15                      | 19.8                | 20   | ED-17                       |
|                             | R*ON300L4A**   | YF07KSE            | 4.5        | 39   | 1.2                 | 15.0                                     | 15   | 5                         | 15                      | 19.8                | 20   | ED-17                       |
|                             | R*ON350L4A**   | YF09KSE            | 5.8        | 44   | 1.2                 | 15.0                                     | 15   | 5                         | 15                      | 19.8                | 20   | ED-17                       |
|                             | R*ON400L4A**   | YF10KAE            | 6.4        | 49.5 | 3.1                 | 15.0                                     | 15   | 6                         | 15                      | 19.8                | 20   | ED-17                       |
|                             | R*ON500L4A**   | YF13KAE            | 8          | 62   | 3.1                 | 15.0                                     | 20   | 6                         | 15                      | 20.1                | 25   | ED-17                       |
|                             | R*ON600L4A**   | YF15KAE            | 8          | 62   | 3.1                 | 15.0                                     | 20   | 6                         | 15                      | 20.1                | 25   | ED-17                       |

\*Each asterisk represents a variable character based upon model, voltage, and vintage ordered. See page 5 for nomenclature.

RLA = Rated Load Amps LRA = Locked Rotor Amps MCA = Minimum Circuit Ampacity MOPD = Maximum Overcurrent Protection

MCA includes 1 amp allowance for control circuit requirement.

†Maximum Evap. fan amps and maximum defrost amps are shown to provide ratings when electric defrost is required and is an optional feature. Maximum Amp value used to determine MOPD. Exceeding these values invalidates the listed MOPD and requires a revised calculation.

Contact Application Engineering when amp draw requirements deviate from the chart values.

‡R\*ON060M4A\*\*, R\*ON080M4A\*\*, R\*ON100M4A\*\*, R\*ON100L4A\*\*, R\*ON130L4A\*\*, and R\*ON160L4A\*\* are not available in 200-220V/1/50 Hz, 200-220V/3/50, 380V/3/50 Hz or 460V/3/60 Hz.

++ RBON130E4A\*\* is not available in 460V. R\*ON230L4A\*\* is not available in 200-220V/1/50 Hz, 200-220V/3/50, or 380V/3/50 Hz.

## SPECIFICATIONS // ALL MODELS

| Model Data                                   |              |                 | Connections (in.) |        | Pump Down Capacity (lbs) |                   |           |           |                    |           |           |
|----------------------------------------------|--------------|-----------------|-------------------|--------|--------------------------|-------------------|-----------|-----------|--------------------|-----------|-----------|
| Model No.                                    |              | Comp. Model No. | HP                | Liquid | Suction                  | Standard Receiver |           |           | Oversized Receiver |           |           |
|                                              |              |                 |                   |        |                          | 90% R454A         | 90% R454C | 90% R455A | 90% R454A          | 90% R454C | 90% R455A |
| Medium/Extended<br>Medium Temperature Scroll | R*ON060M4A** | YB06KAE         | 1/2               | 3/8    | 5/8                      | 10.8              | 11        | 10.9      | 13.3               | 13.6      | 13.5      |
|                                              | R*ON080M4A** | YB07KAE         | 3/4               | 3/8    | 5/8                      | 10.8              | 11        | 10.9      | 13.3               | 13.6      | 13.5      |
|                                              | R*ON100M4A** | YB08KAE         | 1                 | 3/8    | 5/8                      | 10.8              | 11        | 10.9      | 13.3               | 13.6      | 13.5      |
|                                              | R*ON130E4A** | YS09KAE         | 1                 | 3/8    | 5/8                      | 10.8              | 11        | 10.9      | 13.3               | 13.6      | 13.5      |
|                                              | R*ON150E4A** | YS11KAE         | 1-1/4             | 1/2    | 7/8                      | 13.3              | 13.6      | 13.5      | 17                 | 17.4      | 17.2      |
|                                              | R*ON180E4A** | YS12KAE         | 1-1/2             | 1/2    | 7/8                      | 13.3              | 13.6      | 13.5      | 17                 | 17.4      | 17.2      |
|                                              | R*ON200E4A** | YS14KAE         | 2                 | 1/2    | 7/8                      | 14.9              | 15.2      | 15        | 20.5               | 20.9      | 20.7      |
|                                              | R*ON250E4A** | YS16KAE         | 2-1/2             | 1/2    | 7/8                      | 14.9              | 15.2      | 15        | 20.5               | 20.9      | 20.7      |
|                                              | R*ON280E4A** | YS19KAE         | 2-3/4             | 5/8    | 1-1/8                    | 27.4              | 27.9      | 27.7      | 37.1               | 37.8      | 37.5      |
|                                              | R*ON300E4A** | YS21KAE         | 3                 | 5/8    | 1-1/8                    | 27.4              | 27.9      | 27.7      | 37.1               | 37.8      | 37.5      |
|                                              | R*ON350E4A** | YS24KAE         | 3-1/2             | 5/8    | 1-1/8                    | 27.4              | 27.9      | 27.7      | 37.1               | 37.8      | 37.5      |
|                                              | R*ON400E4A** | YS26KAE         | 4                 | 5/8    | 1-1/8                    | 27.4              | 27.9      | 27.7      | 37.1               | 37.8      | 37.5      |
|                                              | R*ON450E4A** | YS30KAE         | 4-1/2             | 5/8    | 1-1/8                    | 27.4              | 27.9      | 27.7      | 37.1               | 37.8      | 37.5      |
|                                              | R*ON500E4A** | YS33KAE         | 5                 | 5/8    | 1-1/8                    | 27.4              | 27.9      | 27.7      | 37.1               | 37.8      | 37.5      |
|                                              | R*ON600E4A** | YS40KAE         | 6                 | 5/8    | 1-1/8                    | 27.4              | 27.9      | 27.7      | 37.1               | 37.8      | 37.5      |
| Low Temperature Scroll                       | R*ON100L4A** | YF03KAE         | 1                 | 3/8    | 5/8                      | 10.8              | 11        | 10.9      | 13.3               | 13.6      | 13.5      |
|                                              | R*ON130L4A** | YF04KAE         | 1-1/3             | 3/8    | 5/8                      | 10.8              | 11        | 10.9      | 13.3               | 13.6      | 13.5      |
|                                              | R*ON160L4A** | YF05KAE         | 1-1/2             | 3/8    | 5/8                      | 10.8              | 11        | 10.9      | 13.3               | 13.6      | 13.5      |
|                                              | R*ON230L4A** | YF07KAE         | 2-1/3             | 3/8    | 7/8                      | 13.3              | 13.6      | 13.5      | 17                 | 17.4      | 17.2      |
|                                              | R*ON250L4A** | YF06KSE         | 2-1/2             | 3/8    | 7/8                      | 14.9              | 15.2      | 15        | 20.5               | 20.9      | 20.7      |
|                                              | R*ON300L4A** | YF07KSE         | 3                 | 3/8    | 7/8                      | 14.9              | 15.2      | 15        | 20.5               | 20.9      | 20.7      |
|                                              | R*ON350L4A** | YF09KSE         | 3-1/2             | 3/8    | 7/8                      | 14.9              | 15.2      | 15        | 20.5               | 20.9      | 20.7      |
|                                              | R*ON400L4A** | YF10KAE         | 4                 | 1/2    | 11/8                     | 27.4              | 27.9      | 27.7      | 37.1               | 37.8      | 37.5      |
|                                              | R*ON500L4A** | YF13KAE         | 5                 | 1/2    | 11/8                     | 27.4              | 27.9      | 27.7      | 37.1               | 37.8      | 37.5      |
|                                              | R*ON600L4A** | YF15KAE         | 6                 | 1/2    | 11/8                     | 27.4              | 27.9      | 27.7      | 37.1               | 37.8      | 37.5      |

\*Each asterisk represents a variable character based upon model, voltage, and vintage ordered. See page 5 for nomenclature.

## SPECIFICATIONS // ALL MODELS

| Model Data                                   |                 |         | Cabinet Size†† | Fan Qty | Dimensions (in.) |        |        | Approx. Ship WT. (lbs) | Sound dBA† |
|----------------------------------------------|-----------------|---------|----------------|---------|------------------|--------|--------|------------------------|------------|
| Model No.                                    | Comp. Model No. |         |                |         | D                | W      | H      |                        |            |
| Medium/Extended<br>Medium Temperature Scroll | R*ON060M4A**    | YB06KAE | FM1            | 1       | 28-1/4           | 27-7/8 | 18-3/4 | 195                    | 70         |
|                                              | R*ON080M4A**    | YB07KAE | FM1            | 1       | 28-1/4           | 27-7/8 | 18-3/4 | 195                    | 70         |
|                                              | R*ON100M4A**    | YB08KAE | FM1            | 1       | 28-1/4           | 27-7/8 | 18-3/4 | 195                    | 70         |
|                                              | R*ON130E4A**    | YS09KAE | FM1            | 1       | 28-1/4           | 27-7/8 | 18-3/4 | 195                    | 70         |
|                                              | R*ON150E4A**    | YS11KAE | FM2            | 2       | 28-1/4           | 39-7/8 | 18-3/4 | 205                    | 71         |
|                                              | R*ON180E4A**    | YS12KAE | FM2            | 2       | 28-1/4           | 39-7/8 | 18-3/4 | 210                    | 71         |
|                                              | R*ON200E4A**    | YS14KAE | FM3            | 2       | 28-1/4           | 39-7/8 | 21-1/4 | 215                    | 71         |
|                                              | R*ON250E4A**    | YS16KAE | FM3            | 2       | 28-1/4           | 39-7/8 | 21-1/4 | 230                    | 72         |
|                                              | R*ON280E4A**    | YS19KAE | FM4            | 1       | 33               | 43-7/8 | 35     | 305                    | 72         |
|                                              | R*ON300E4A**    | YS21KAE | FM4            | 1       | 33               | 43-7/8 | 35     | 305                    | 72         |
|                                              | R*ON350E4A**    | YS24KAE | FM4            | 1       | 33               | 43-7/8 | 35     | 325                    | 72         |
|                                              | R*ON400E4A**    | YS26KAE | FM4            | 1       | 33               | 43-7/8 | 35     | 352                    | 74         |
|                                              | R*ON450E4A**    | YS30KAE | FM4            | 1       | 33               | 43-7/8 | 35     | 375                    | 74         |
|                                              | R*ON500E4A**    | YS33KAE | FM4            | 1       | 33               | 43-7/8 | 35     | 383                    | 74         |
|                                              | R*ON600E4A**    | YS40KAE | FM4            | 1       | 33               | 43-7/8 | 35     | 405                    | 76         |
| Low Temperature Scroll                       | R*ON100L4A**    | YF03KAE | FM1            | 1       | 28-1/4           | 27-7/8 | 18-3/4 | 195                    | 70         |
|                                              | R*ON130L4A**    | YF04KAE | FM1            | 1       | 28-1/4           | 27-7/8 | 18-3/4 | 195                    | 70         |
|                                              | R*ON160L4A**    | YF05KAE | FM1            | 1       | 28-1/4           | 27-7/8 | 18-3/4 | 195                    | 70         |
|                                              | R*ON230L4A**    | YF07KAE | FM2            | 2       | 28-1/4           | 39-7/8 | 18-3/4 | 230                    | 71         |
|                                              | R*ON250L4A**    | YF06KSE | FM3            | 2       | 28-1/4           | 39-7/8 | 21-1/4 | 240                    | 73         |
|                                              | R*ON300L4A**    | YF07KSE | FM3            | 2       | 28-1/4           | 39-7/8 | 21-1/4 | 245                    | 73         |
|                                              | R*ON350L4A**    | YF09KSE | FM3            | 2       | 28-1/4           | 39-7/8 | 21-1/4 | 255                    | 73         |
|                                              | R*ON400L4A**    | YF10KAE | FM4            | 1       | 33               | 43-7/8 | 35     | 352                    | 73         |
|                                              | R*ON500L4A**    | YF13KAE | FM4            | 1       | 33               | 43-7/8 | 35     | 367                    | 74         |
|                                              | R*ON600L4A**    | YF15KAE | FM4            | 1       | 33               | 43-7/8 | 35     | 383                    | 76         |

\*Each asterisk represents a variable character based upon model, voltage, and vintage ordered. See page 5 for nomenclature.

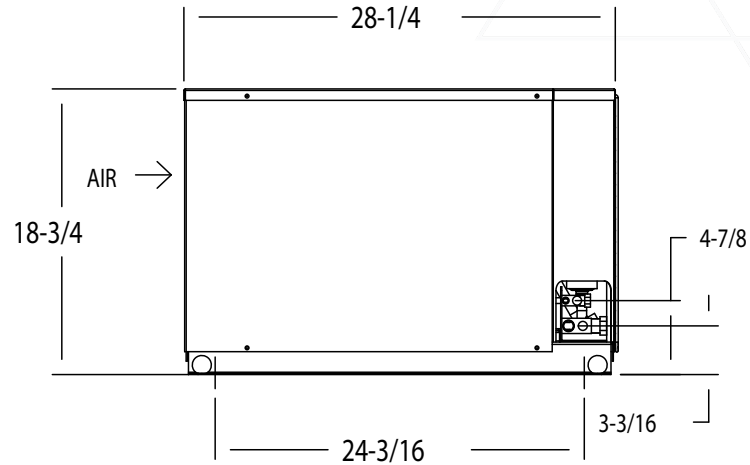
†Estimated dBA values at 10 feet from the unit. Correction factors: Deduct 6 dBA for 20 to 40 feet, 12 dBA @ 40 to 60 feet. Ratings at the outlet of the discharge air. The actual measurements may vary depending upon installation variables. Environmental factors may have a significant influence on this data.

††See pages 17-18 for associated drawings.

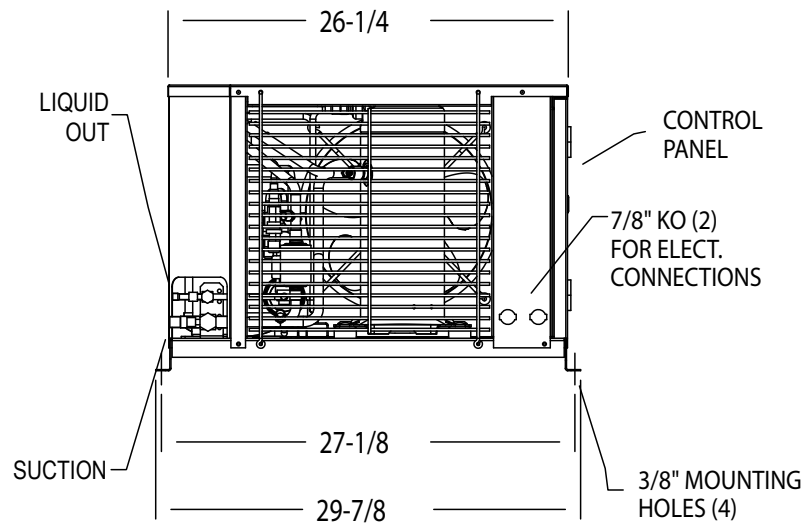
## PHYSICAL DIMENSIONS

## Cabinet Size FM1

Depth View



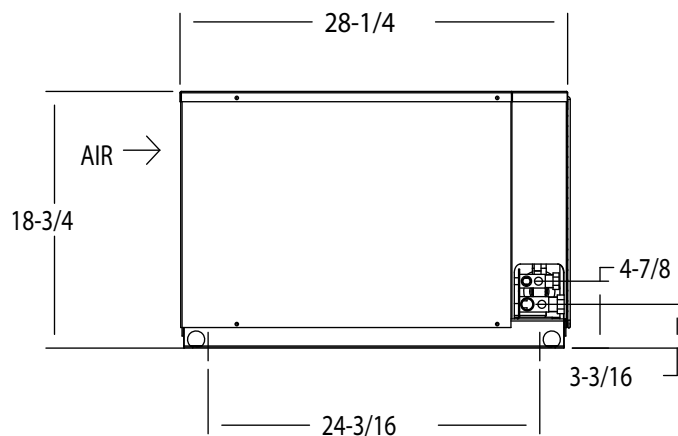
Width View



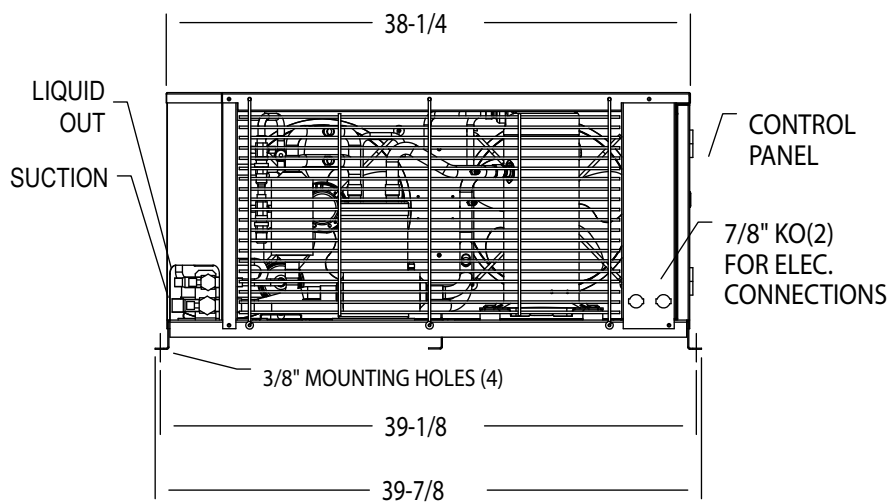
## PHYSICAL DIMENSIONS

## Cabinet Size FM2

Depth View



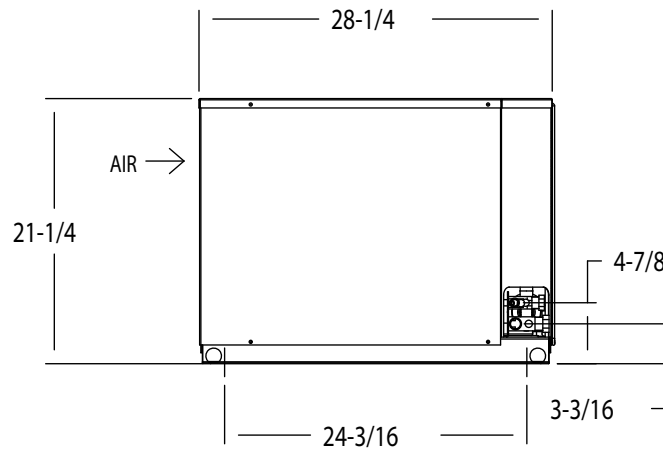
Width View



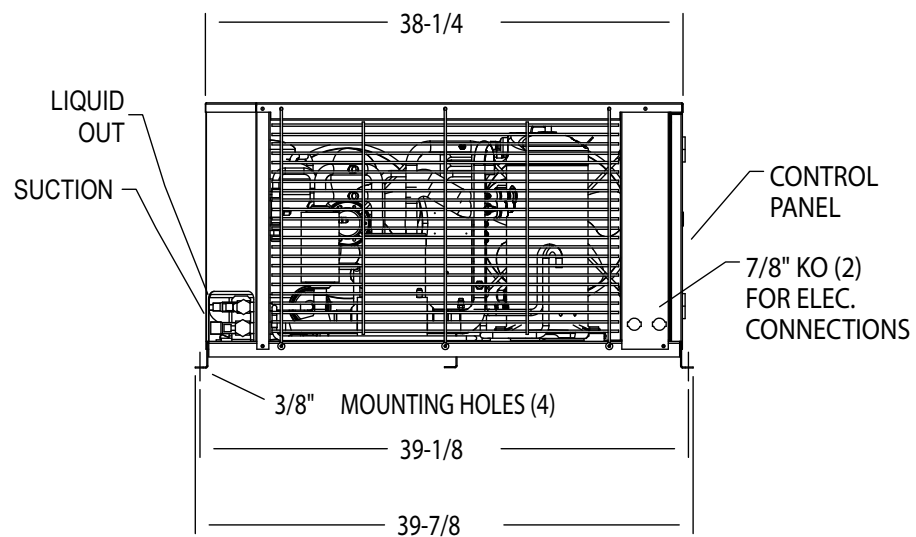
## PHYSICAL DIMENSIONS

## Cabinet Size FM3

## Depth View



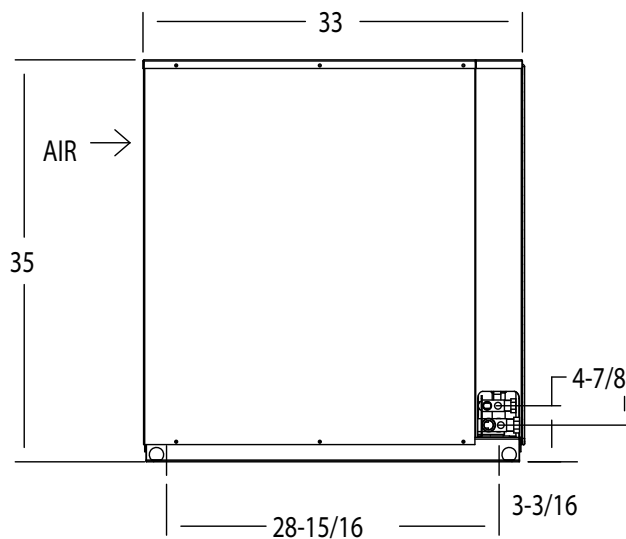
## Width View



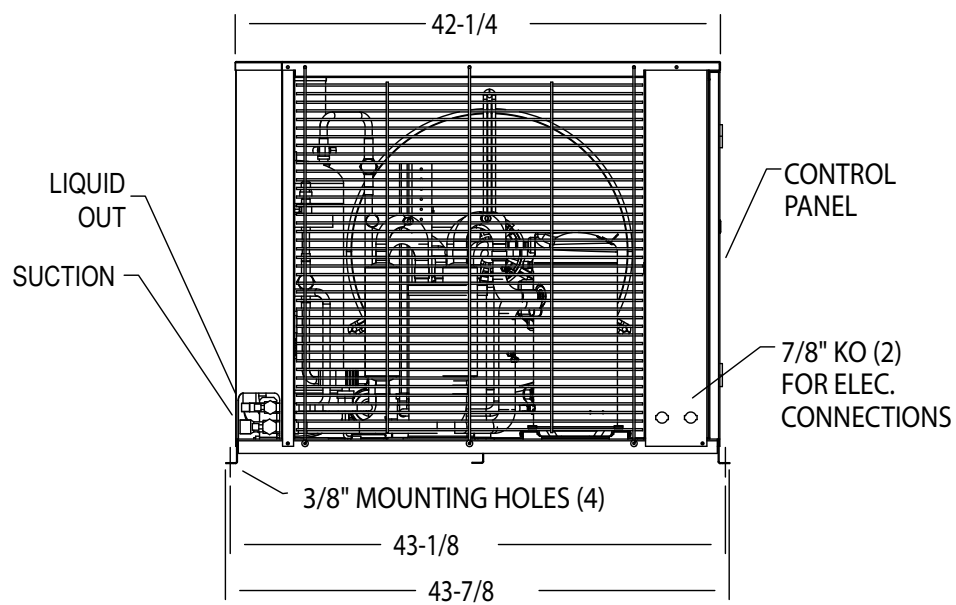
## PHYSICAL DIMENSIONS

## Cabinet Size FM4

Depth View



Width View



## SPECIFICATIONS // ALL MODELS

## DEPARTMENT OF ENERGY ANNUAL WALK-IN ENERGY FACTOR (AWEF) RATINGS

|                                           | Base Model No. | Cabinet Size†† | AWEF  |       |       |
|-------------------------------------------|----------------|----------------|-------|-------|-------|
|                                           |                |                | R454A | R454C | R455A |
| Scroll Extended Medium Temperature Models | R*ON060M4A**   | FM1            | 7.60  | 7.60  | 7.60  |
|                                           | R*ON080M4A**   | FM1            | 7.60  | 7.60  | 7.60  |
|                                           | R*ON100M4A**   | FM1            | 7.60  | 7.60  | 7.60  |
|                                           | R*ON130E4A**   | FM1            | 7.60  | 7.60  | 7.60  |
|                                           | R*ON150E4A**   | FM2            | 7.60  | 7.60  | 7.60  |
|                                           | R*ON180E4A**   | FM2            | 7.60  | 7.60  | 7.60  |
|                                           | R*ON200E4A**   | FM3            | 7.60  | 7.60  | 7.60  |
|                                           | R*ON250E4A**   | FM3            | 7.60  | 7.60  | 7.60  |
|                                           | R*ON280E4A**   | FM4            | 7.60  | 7.60  | 7.60  |
|                                           | R*ON300E4A**   | FM4            | 7.60  | 7.60  | 7.60  |
|                                           | R*ON350E4A**   | FM4            | 7.60  | 7.60  | 7.60  |
|                                           | R*ON400E4A**   | FM4            | 7.60  | 7.60  | 7.60  |
|                                           | R*ON450E4A**   | FM4            | 7.60  | 7.60  | 7.60  |
|                                           | R*ON500E4A**   | FM4            | 7.60  | 7.60  | 7.60  |
|                                           | R*ON600E4A**   | FM4            | 7.60  | 7.60  | 7.60  |

If the medium temperature model has a numerical value in the table above, the following statement applies: "This refrigeration system is designed and certified for use in walk-in cooler applications."

|                               |              |     |      |      |      |
|-------------------------------|--------------|-----|------|------|------|
| Scroll Low Temperature Models | R*ON100L4A** | FM1 | 2.89 | 2.89 | 2.89 |
|                               | R*ON130L4A** | FM1 | 2.94 | 2.94 | 2.94 |
|                               | R*ON160L4A** | FM1 | 2.98 | 2.98 | 2.98 |
|                               | R*ON230L4A** | FM2 | 3.14 | 3.14 | 3.14 |
|                               | R*ON250L4A** | FM3 | 3.15 | 3.15 | 3.15 |
|                               | R*ON300L4A** | FM3 | 3.15 | 3.15 | 3.15 |
|                               | R*ON350L4A** | FM3 | 3.15 | 3.15 | 3.15 |
|                               | R*ON400L4A** | FM4 | 3.15 | 3.15 | 3.15 |
|                               | R*ON500L4A** | FM4 | 3.15 | 3.15 | 3.15 |
|                               | R*ON600L4A** | FM4 | 3.15 | 3.15 | 3.15 |

If the low temperature model has a numerical value in the table above, the following statement applies: "This refrigeration system is designed and certified for use in walk-in cooler applications."

\*Each asterisk represents a variable character based upon model, refrigerant, voltage, and vintage ordered.  
See page 5 for nomenclature.

††See pages 23-26 for associated drawings.



***Russell***

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