



# A2L R-SERIES NEXT-GEN MINICON



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



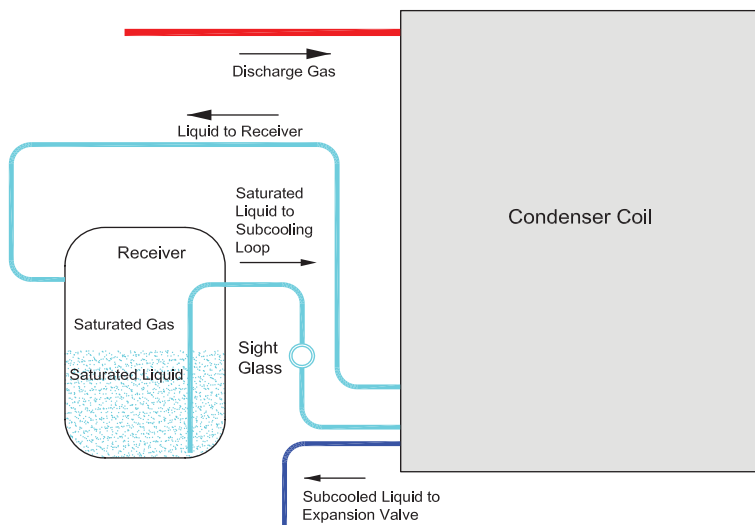
The Next-Gen MiniCon R-Series ½ through 6 HP condensing units are engineered with increased efficiency, more standard features, are easier to service, and have more cataloged options.

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.



## FEATURES AND OPTIONS

● Standard ○ Optional ⊖ Not Available

| 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         |
| Pressure Fan Cycle 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                                                                                                                                     | ○                        |
| Additional compressor cooling (Medium Temp): Dual pressure control, insulated suction line components and piping, liquid injection, and suction accumulator. | ○                        |
| Additional compressor cooling (Low Temp): Dual pressure control, insulated suction line components and piping.                                               | ○                        |
| 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                                                                                                           | ○                        |
| 316 Stainless Steel Cabinet                                                                                                                                  | ○                        |

^ See dimensional drawings on pages 26-29.

FACTORY INSTALLED OPTIONS // COMMON DEFROST COMPONENTS

● Standard    ○ Optional    ⊖ Not Available

| 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

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

<sup>1</sup> 50 Hz available. See electrical tables for specific model availability or contact factory for additional information.

<sup>2</sup> 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.

<sup>3</sup> "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<sup>‡</sup>

| Ambient Temp. (°F) | Model No.    | Comp. Model No. | Suction Temperature (°F) |        |        |        |        |        |        |        |        |        |        |
|--------------------|--------------|-----------------|--------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                    |              |                 | 40°                      | 35°    | 30°    | 25°    | 20°    | 15°    | 10°    | 5°     | 0°     | -5°    | -10°   |
| 90°                | K*ON060M4A** | YB06KAE         | 9,920                    | 9,050  | 8,220  | 7,430  | 6,710  | 6,020  | 5,390  | 4,800  | 4,260  | 3,770  | 3,320  |
|                    | K*ON080M4A** | YB07KAE         | 11,590                   | 10,600 | 9,650  | 8,740  | 7,910  | 7,120  | 6,400  | 5,740  | 5,110  | 4,560  | 4,050  |
|                    | K*ON100M4A** | YB08KAE         | 12,880                   | 11,790 | 10,770 | 9,840  | 8,910  | 8,050  | 7,270  | 6,550  | 5,850  | 5,250  | 4,690  |
|                    | K*ON130E4A** | YS09KAE         | 14,070                   | 12,820 | 11,720 | 10,730 | 9,740  | 8,820  | 7,980  | 7,190  | 6,440  | 5,810  | 5,220  |
|                    | K*ON150E4A** | YS11KAE         | 17,600                   | 16,040 | 14,560 | 13,200 | 11,940 | 10,790 | 9,710  | 8,720  | 7,840  | 7,070  | 6,390  |
|                    | K*ON180E4A** | YS12KAE         | 19,430                   | 17,750 | 16,160 | 14,660 | 13,280 | 12,020 | 10,850 | 9,770  | 8,800  | 7,930  | 7,160  |
|                    | K*ON200E4A** | YS14KAE         | 23,400                   | 21,350 | 19,440 | 17,670 | 16,010 | 14,470 | 13,040 | 11,720 | 10,550 | 9,490  | 8,560  |
|                    | K*ON250E4A** | YS16KAE         | 25,550                   | 23,350 | 21,270 | 19,360 | 17,550 | 15,880 | 14,380 | 12,930 | 11,630 | 10,420 | 9,430  |
|                    | K*ON280E4A** | YS19KAE         | 35,530                   | 32,050 | 28,880 | 25,970 | 23,280 | 20,850 | 18,640 | 16,640 | 14,980 | 13,530 | 12,330 |
|                    | K*ON300E4A** | YS21KAE         | 38,920                   | 35,200 | 31,750 | 28,590 | 25,680 | 23,050 | 20,620 | 18,430 | 16,430 | 14,830 | 13,420 |
|                    | K*ON350E4A** | YS24KAE         | 42,680                   | 38,660 | 34,960 | 31,500 | 28,310 | 25,440 | 22,770 | 20,340 | 18,180 | 16,200 | 14,650 |
|                    | K*ON400E4A** | YS26KAE         | 47,200                   | 42,770 | 38,720 | 34,940 | 31,430 | 28,250 | 25,320 | 22,640 | 20,330 | 18,290 | 16,540 |
|                    | K*ON450E4A** | YS30KA          | 52,090                   | 47,290 | 42,800 | 38,710 | 35,090 | 31,480 | 28,300 | 25,350 | 22,680 | 20,210 | 18,270 |
|                    | K*ON500E4A** | YS33KAE         | 59,980                   | 54,800 | 49,830 | 45,040 | 40,590 | 36,440 | 32,520 | 28,850 | 25,400 | 22,220 | 19,300 |
|                    | K*ON600E4A** | YS40KAE         | 69,510                   | 63,640 | 58,030 | 52,580 | 47,560 | 42,730 | 38,100 | 33,930 | 30,030 | 26,430 | 22,960 |
| 95°                | K*ON060M4A** | YB06KAE         | 9,510                    | 8,660  | 7,870  | 7,120  | 6,420  | 5,770  | 5,160  | 4,620  | 4,110  | 3,650  | 3,240  |
|                    | K*ON080M4A** | YB07KAE         | 11,090                   | 10,140 | 9,220  | 8,370  | 7,570  | 6,820  | 6,130  | 5,490  | 4,910  | 4,370  | 3,900  |
|                    | K*ON100M4A** | YB08KAE         | 12,310                   | 11,290 | 10,310 | 9,350  | 8,520  | 7,700  | 6,950  | 6,250  | 5,620  | 5,040  | 4,520  |
|                    | K*ON130E4A** | YS09KAE         | 13,430                   | 12,300 | 11,210 | 10,230 | 9,290  | 8,420  | 7,600  | 6,850  | 6,190  | 5,580  | 5,030  |
|                    | K*ON150E4A** | YS11KAE         | 16,860                   | 15,350 | 13,940 | 12,660 | 11,450 | 10,310 | 9,300  | 8,360  | 7,470  | 6,730  | 6,060  |
|                    | K*ON180E4A** | YS12KAE         | 18,560                   | 16,930 | 15,440 | 13,970 | 12,720 | 11,470 | 10,330 | 9,310  | 8,380  | 7,540  | 6,810  |
|                    | K*ON200E4A** | YS14KAE         | 22,420                   | 20,470 | 18,630 | 16,890 | 15,300 | 13,850 | 12,500 | 11,210 | 10,110 | 9,100  | 8,210  |
|                    | K*ON250E4A** | YS16KAE         | 24,440                   | 22,340 | 20,340 | 18,490 | 16,790 | 15,190 | 13,730 | 12,370 | 11,130 | 10,060 | 9,110  |
|                    | K*ON280E4A** | YS19KAE         | 34,030                   | 30,770 | 27,670 | 24,880 | 22,310 | 19,990 | 17,880 | 15,950 | 14,330 | 12,950 | 11,790 |
|                    | K*ON300E4A** | YS21KAE         | 37,310                   | 33,720 | 30,420 | 27,380 | 24,600 | 22,060 | 19,750 | 17,640 | 15,880 | 14,330 | 13,030 |
|                    | K*ON350E4A** | YS24KAE         | 40,930                   | 37,030 | 33,500 | 30,160 | 27,130 | 24,360 | 21,840 | 19,540 | 17,430 | 15,740 | 14,260 |
|                    | K*ON400E4A** | YS26KAE         | 45,210                   | 41,030 | 37,070 | 33,420 | 30,100 | 27,060 | 24,250 | 21,690 | 19,490 | 17,550 | 15,890 |
|                    | K*ON450E4A** | YS30KA          | 49,860                   | 45,420 | 41,080 | 37,170 | 33,480 | 30,260 | 27,130 | 24,340 | 21,910 | 19,750 | 17,890 |
|                    | K*ON500E4A** | YS33KAE         | 57,810                   | 52,820 | 48,070 | 43,410 | 39,160 | 35,180 | 31,330 | 27,790 | 24,480 | 21,420 | 18,600 |
|                    | K*ON600E4A** | YS40KAE         | 67,120                   | 61,410 | 55,920 | 50,770 | 45,890 | 41,090 | 36,730 | 32,710 | 28,950 | 25,310 | 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†

| Ambient Temp. (°F) | Model No.    | Comp. Model No. | Suction Temperature (°F) |        |        |        |        |        |        |        |        |        |      |
|--------------------|--------------|-----------------|--------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------|
|                    |              |                 | 40°                      | 35°    | 30°    | 25°    | 20°    | 15°    | 10°    | 5°     | 0°     | -5°    | -10° |
| 100°               | K*ON060M4A** | YB06KAE         | 9,100                    | 8,290  | 7,530  | 6,810  | 6,130  | 5,510  | 4,940  | 4,400  | 3,930  | 3,500  | -    |
|                    | K*ON080M4A** | YB07KAE         | 10,610                   | 9,690  | 8,820  | 8,000  | 7,230  | 6,520  | 5,860  | 5,250  | 4,690  | 4,190  | -    |
|                    | K*ON100M4A** | YB08KAE         | 11,730                   | 10,750 | 9,830  | 8,960  | 8,120  | 7,340  | 6,640  | 5,980  | 5,370  | 4,820  | -    |
|                    | K*ON130E4A** | YS09KAE         | 12,790                   | 11,710 | 10,710 | 9,770  | 8,880  | 8,030  | 7,250  | 6,540  | 5,890  | 5,270  | -    |
|                    | K*ON150E4A** | YS11KAE         | 16,090                   | 14,630 | 13,330 | 12,030 | 10,900 | 9,840  | 8,880  | 7,980  | 7,150  | 6,410  | -    |
|                    | K*ON180E4A** | YS12KAE         | 17,710                   | 16,150 | 14,710 | 13,310 | 12,100 | 10,950 | 9,890  | 8,890  | 7,990  | 7,220  | -    |
|                    | K*ON200E4A** | YS14KAE         | 21,390                   | 19,530 | 17,790 | 16,120 | 14,640 | 13,230 | 11,910 | 10,710 | 9,620  | 8,630  | -    |
|                    | K*ON250E4A** | YS16KAE         | 23,330                   | 21,320 | 19,410 | 17,660 | 16,000 | 14,510 | 13,130 | 11,820 | 10,640 | 9,630  | -    |
|                    | K*ON280E4A** | YS19KAE         | 32,590                   | 29,400 | 26,490 | 23,780 | 21,340 | 19,110 | 17,120 | 15,270 | 13,610 | 12,320 | -    |
|                    | K*ON300E4A** | YS21KAE         | 35,680                   | 32,240 | 29,110 | 26,190 | 23,530 | 21,110 | 18,870 | 16,880 | 15,180 | 13,700 | -    |
|                    | K*ON350E4A** | YS24KAE         | 39,140                   | 35,440 | 32,000 | 28,830 | 25,940 | 23,270 | 20,850 | 18,630 | 16,760 | 15,110 | -    |
|                    | K*ON400E4A** | YS26KAE         | 43,240                   | 39,190 | 35,400 | 31,920 | 28,750 | 25,860 | 23,180 | 20,710 | 18,670 | 16,850 | -    |
|                    | K*ON450E4A** | YS30KA          | 47,680                   | 43,210 | 39,120 | 35,480 | 31,990 | 28,770 | 25,850 | 23,210 | 20,750 | 18,570 | -    |
|                    | K*ON500E4A** | YS33KAE         | 55,870                   | 50,940 | 46,320 | 41,900 | 37,720 | 33,840 | 30,150 | 26,760 | 23,660 | 20,690 | -    |
|                    | K*ON600E4A** | YS40KAE         | 64,600                   | 59,150 | 53,840 | 48,830 | 44,140 | 39,610 | 35,400 | 31,350 | 27,610 | 24,100 | -    |
| 110°               | K*ON060M4A** | YB06KAE         | 8,250                    | 7,520  | 6,820  | 6,170  | 5,570  | 5,010  | 4,490  | 4,010  | -      | -      | -    |
|                    | K*ON080M4A** | YB07KAE         | 9,610                    | 8,770  | 7,990  | 7,240  | 6,560  | 5,920  | 5,340  | 4,790  | -      | -      | -    |
|                    | K*ON100M4A** | YB08KAE         | 10,610                   | 9,740  | 8,880  | 8,090  | 7,350  | 6,650  | 6,020  | 5,440  | -      | -      | -    |
|                    | K*ON130E4A** | YS09KAE         | 11,560                   | 10,560 | 9,640  | 8,810  | 7,990  | 7,230  | 6,530  | 5,890  | -      | -      | -    |
|                    | K*ON150E4A** | YS11KAE         | 14,560                   | 13,220 | 12,020 | 10,890 | 9,870  | 8,940  | 8,020  | 7,220  | -      | -      | -    |
|                    | K*ON180E4A** | YS12KAE         | 15,970                   | 14,570 | 13,270 | 12,040 | 10,900 | 9,860  | 8,900  | 8,000  | -      | -      | -    |
|                    | K*ON200E4A** | YS14KAE         | 19,360                   | 17,670 | 16,090 | 14,600 | 13,220 | 11,940 | 10,780 | 9,680  | -      | -      | -    |
|                    | K*ON250E4A** | YS16KAE         | 21,080                   | 19,260 | 17,560 | 15,960 | 14,460 | 13,130 | 11,870 | 10,700 | -      | -      | -    |
|                    | K*ON280E4A** | YS19KAE         | 29,660                   | 26,730 | 24,050 | 21,580 | 19,350 | 17,340 | 15,500 | 13,850 | -      | -      | -    |
|                    | K*ON300E4A** | YS21KAE         | 32,450                   | 29,280 | 26,400 | 23,740 | 21,300 | 19,110 | 17,100 | 15,270 | -      | -      | -    |
|                    | K*ON350E4A** | YS24KAE         | 35,540                   | 32,140 | 29,040 | 26,120 | 23,500 | 21,080 | 18,880 | 16,870 | -      | -      | -    |
|                    | K*ON400E4A** | YS26KAE         | 39,250                   | 35,540 | 32,130 | 28,950 | 26,060 | 23,390 | 20,970 | 18,760 | -      | -      | -    |
|                    | K*ON450E4A** | YS30KA          | 43,150                   | 39,060 | 35,450 | 32,020 | 28,900 | 26,040 | 23,400 | 20,980 | -      | -      | -    |
|                    | K*ON500E4A** | YS33KAE         | 51,550                   | 47,070 | 42,780 | 38,670 | 34,850 | 31,240 | 27,830 | 24,680 | -      | -      | -    |
|                    | K*ON600E4A** | YS40KAE         | 59,720                   | 54,570 | 49,640 | 45,030 | 40,660 | 36,520 | 32,620 | 29,000 | -      | -      | -    |

20° F Superheat Maximum      Additional Compressor Cooling Recommended†

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

† See page 18 for Additional Compressor Cooling Graph.

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

## CAPACITY DATA (BTUH)

EXTENDED MEDIUM TEMPERATURE R454C SCROLL // 60 HZ†

| Ambient Temp. (°F) | Model No.    | Comp. Model No. | Suction Temperature (°F) |        |        |        |        |        |        |        |        |        |        |
|--------------------|--------------|-----------------|--------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                    |              |                 | 40°                      | 35°    | 30°    | 25°    | 20°    | 15°    | 10°    | 5°     | 0°     | -5°    | -10°   |
| 90°                | K*ON060M4A** | YB06KAE         | 8,880                    | 8,070  | 7,300  | 6,580  | 5,910  | 5,300  | 4,740  | 4,230  | 3,770  | 3,360  | 3,000  |
|                    | K*ON080M4A** | YB07KAE         | 10,450                   | 9,510  | 8,630  | 7,800  | 7,020  | 6,290  | 5,630  | 5,000  | 4,410  | 3,900  | 3,430  |
|                    | K*ON100M4A** | YB08KAE         | 11,700                   | 10,700 | 9,740  | 8,840  | 7,990  | 7,180  | 6,440  | 5,780  | 5,140  | 4,570  | 4,060  |
|                    | K*ON130E4A** | YS09KAE         | 12,780                   | 11,590 | 10,530 | 9,530  | 8,590  | 7,710  | 6,920  | 6,210  | 5,560  | 4,990  | 4,490  |
|                    | K*ON150E4A** | YS11KAE         | 15,910                   | 14,420 | 13,020 | 11,690 | 10,530 | 9,450  | 8,430  | 7,530  | 6,760  | 6,070  | 5,490  |
|                    | K*ON180E4A** | YS12KAE         | 17,460                   | 15,800 | 14,290 | 12,880 | 11,590 | 10,410 | 9,300  | 8,330  | 7,420  | 6,660  | 5,990  |
|                    | K*ON200E4A** | YS14KAE         | 21,150                   | 19,170 | 17,310 | 15,620 | 14,060 | 12,600 | 11,300 | 10,070 | 9,040  | 8,120  | 7,340  |
|                    | K*ON250E4A** | YS16KAE         | 23,140                   | 21,000 | 19,010 | 17,170 | 15,450 | 13,860 | 12,420 | 11,110 | 9,900  | 8,890  | 8,000  |
|                    | K*ON280E4A** | YS19KAE         | 31,360                   | 28,120 | 25,160 | 22,470 | 20,010 | 17,800 | 15,790 | 13,980 | 12,370 | 11,120 | 10,060 |
|                    | K*ON300E4A** | YS21KAE         | 34,420                   | 30,930 | 27,740 | 24,800 | 22,120 | 19,730 | 17,530 | 15,550 | 13,930 | 12,530 | 11,390 |
|                    | K*ON350E4A** | YS24KAE         | 37,910                   | 34,090 | 30,590 | 27,380 | 24,450 | 21,800 | 19,390 | 17,240 | 15,450 | 13,910 | 12,660 |
|                    | K*ON400E4A** | YS26KAE         | 42,020                   | 37,830 | 33,990 | 30,430 | 27,200 | 24,290 | 21,620 | 19,210 | 17,050 | 15,070 | 13,630 |
|                    | K*ON450E4A** | YS30KA          | 46,600                   | 41,910 | 37,810 | 33,950 | 30,460 | 27,190 | 24,170 | 21,600 | 19,360 | 17,430 | 15,810 |
|                    | K*ON500E4A** | YS33KAE         | 58,120                   | 52,810 | 47,880 | 43,200 | 38,740 | 34,580 | 30,750 | 27,040 | 23,730 | 20,650 | 17,840 |
|                    | K*ON600E4A** | YS40KAE         | 67,700                   | 61,820 | 55,880 | 50,560 | 45,380 | 40,610 | 36,120 | 31,900 | 28,160 | 24,530 | 21,280 |
| 95°                | K*ON060M4A** | YB06KAE         | 8,510                    | 7,720  | 6,980  | 6,290  | 5,650  | 5,060  | 4,530  | 4,040  | 3,590  | 3,210  | 2,880  |
|                    | K*ON080M4A** | YB07KAE         | 10,000                   | 9,090  | 8,250  | 7,450  | 6,710  | 6,020  | 5,380  | 4,780  | 4,220  | 3,730  | 3,290  |
|                    | K*ON100M4A** | YB08KAE         | 11,210                   | 10,250 | 9,290  | 8,420  | 7,590  | 6,850  | 6,150  | 5,510  | 4,920  | 4,390  | 3,920  |
|                    | K*ON130E4A** | YS09KAE         | 12,170                   | 11,040 | 10,040 | 9,090  | 8,170  | 7,340  | 6,590  | 5,900  | 5,290  | 4,750  | 4,280  |
|                    | K*ON150E4A** | YS11KAE         | 15,150                   | 13,700 | 12,410 | 11,130 | 10,030 | 9,000  | 8,070  | 7,210  | 6,470  | 5,840  | 5,300  |
|                    | K*ON180E4A** | YS12KAE         | 16,590                   | 15,060 | 13,570 | 12,230 | 11,010 | 9,900  | 8,880  | 7,930  | 7,060  | 6,360  | 5,730  |
|                    | K*ON200E4A** | YS14KAE         | 20,210                   | 18,300 | 16,530 | 14,920 | 13,410 | 12,030 | 10,770 | 9,640  | 8,660  | 7,790  | 7,060  |
|                    | K*ON250E4A** | YS16KAE         | 22,120                   | 20,040 | 18,110 | 16,360 | 14,710 | 13,210 | 11,830 | 10,590 | 9,460  | 8,520  | 7,700  |
|                    | K*ON280E4A** | YS19KAE         | 29,970                   | 26,900 | 24,050 | 21,470 | 19,100 | 16,980 | 15,080 | 13,340 | 11,800 | 10,620 | 9,610  |
|                    | K*ON300E4A** | YS21KAE         | 32,900                   | 29,580 | 26,510 | 23,700 | 21,140 | 18,820 | 16,700 | 14,830 | 13,280 | 11,940 | 10,850 |
|                    | K*ON350E4A** | YS24KAE         | 36,260                   | 32,590 | 29,230 | 26,150 | 23,360 | 20,790 | 18,490 | 16,430 | 14,710 | 13,230 | 12,030 |
|                    | K*ON400E4A** | YS26KAE         | 40,150                   | 36,160 | 32,500 | 29,070 | 25,990 | 23,170 | 20,610 | 18,330 | 16,390 | 14,720 | 13,330 |
|                    | K*ON450E4A** | YS30KA          | 44,480                   | 40,150 | 36,200 | 32,510 | 29,130 | 25,970 | 23,090 | 20,540 | 18,320 | 16,370 | 14,710 |
|                    | K*ON500E4A** | YS33KAE         | 56,040                   | 50,980 | 46,140 | 41,640 | 37,330 | 33,290 | 29,580 | 26,120 | 22,880 | 19,930 | 17,250 |
|                    | K*ON600E4A** | YS40KAE         | 65,320                   | 59,500 | 53,820 | 48,550 | 43,650 | 39,030 | 34,730 | 30,770 | 27,090 | 23,670 | 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<sup>‡</sup>

| Ambient Temp. (°F) | Model No.    | Comp. Model No. | Suction Temperature (°F) |        |        |        |        |        |        |        |        |        |      |
|--------------------|--------------|-----------------|--------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------|
|                    |              |                 | 40°                      | 35°    | 30°    | 25°    | 20°    | 15°    | 10°    | 5°     | 0°     | -5°    | -10° |
| 100°               | K*ON060M4A** | YB06KAE         | 8,130                    | 7,360  | 6,660  | 5,990  | 5,380  | 4,830  | 4,310  | 3,860  | 3,450  | 3,090  | -    |
|                    | K*ON080M4A** | YB07KAE         | 9,540                    | 8,680  | 7,860  | 7,100  | 6,390  | 5,730  | 5,120  | 4,540  | 4,030  | 3,570  | -    |
|                    | K*ON100M4A** | YB08KAE         | 10,680                   | 9,760  | 8,860  | 8,020  | 7,240  | 6,520  | 5,860  | 5,250  | 4,690  | 4,180  | -    |
|                    | K*ON130E4A** | YS09KAE         | 11,590                   | 10,510 | 9,520  | 8,630  | 7,760  | 6,980  | 6,270  | 5,620  | 5,040  | 4,520  | -    |
|                    | K*ON150E4A** | YS11KAE         | 14,480                   | 13,120 | 11,830 | 10,600 | 9,550  | 8,580  | 7,690  | 6,860  | 6,190  | 5,600  | -    |
|                    | K*ON180E4A** | YS12KAE         | 15,810                   | 14,350 | 12,940 | 11,640 | 10,480 | 9,410  | 8,440  | 7,540  | 6,700  | 6,060  | -    |
|                    | K*ON200E4A** | YS14KAE         | 19,220                   | 17,400 | 15,750 | 14,210 | 12,770 | 11,450 | 10,250 | 9,180  | 8,230  | 7,410  | -    |
|                    | K*ON250E4A** | YS16KAE         | 21,090                   | 19,080 | 17,250 | 15,560 | 14,010 | 12,580 | 11,250 | 10,070 | 8,990  | 8,100  | -    |
|                    | K*ON280E4A** | YS19KAE         | 28,630                   | 25,650 | 22,920 | 20,460 | 18,210 | 16,180 | 14,350 | 12,740 | 11,420 | 10,300 | -    |
|                    | K*ON300E4A** | YS21KAE         | 31,420                   | 28,220 | 25,270 | 22,580 | 20,130 | 17,950 | 15,920 | 14,110 | 12,650 | 11,390 | -    |
|                    | K*ON350E4A** | YS24KAE         | 34,610                   | 31,060 | 27,850 | 24,930 | 22,220 | 19,810 | 17,620 | 15,630 | 14,020 | 12,630 | -    |
|                    | K*ON400E4A** | YS26KAE         | 38,300                   | 34,470 | 30,940 | 27,680 | 24,730 | 22,050 | 19,620 | 17,470 | 15,640 | 14,080 | -    |
|                    | K*ON450E4A** | YS30KA          | 42,450                   | 38,320 | 34,420 | 30,770 | 27,560 | 24,690 | 22,010 | 19,520 | 17,500 | 15,720 | -    |
|                    | K*ON500E4A** | YS33KAE         | 54,160                   | 49,120 | 44,490 | 40,030 | 35,890 | 32,050 | 28,440 | 25,100 | 22,070 | 19,250 | -    |
|                    | K*ON600E4A** | YS40KAE         | 62,930                   | 57,250 | 51,860 | 46,940 | 41,970 | 37,560 | 33,450 | 29,540 | 25,910 | 22,580 | -    |
| 110°               | K*ON060M4A** | YB06KAE         | 7,370                    | 6,670  | 6,010  | 5,410  | 4,850  | 4,350  | 3,890  | 3,470  | -      | -      | -    |
|                    | K*ON080M4A** | YB07KAE         | 8,620                    | 7,830  | 7,090  | 6,410  | 5,750  | 5,160  | 4,600  | 4,080  | -      | -      | -    |
|                    | K*ON100M4A** | YB08KAE         | 9,590                    | 8,760  | 7,950  | 7,220  | 6,520  | 5,880  | 5,290  | 4,750  | -      | -      | -    |
|                    | K*ON130E4A** | YS09KAE         | 10,430                   | 9,470  | 8,560  | 7,710  | 6,960  | 6,260  | 5,620  | 5,040  | -      | -      | -    |
|                    | K*ON150E4A** | YS11KAE         | 13,030                   | 11,810 | 10,660 | 9,610  | 8,630  | 7,740  | 6,930  | 6,170  | -      | -      | -    |
|                    | K*ON180E4A** | YS12KAE         | 14,180                   | 12,860 | 11,630 | 10,450 | 9,400  | 8,440  | 7,580  | 6,780  | -      | -      | -    |
|                    | K*ON200E4A** | YS14KAE         | 17,360                   | 15,710 | 14,210 | 12,790 | 11,490 | 10,310 | 9,220  | 8,250  | -      | -      | -    |
|                    | K*ON250E4A** | YS16KAE         | 18,980                   | 17,170 | 15,500 | 14,010 | 12,580 | 11,280 | 10,090 | 9,040  | -      | -      | -    |
|                    | K*ON280E4A** | YS19KAE         | 25,890                   | 23,160 | 20,630 | 18,390 | 16,350 | 14,510 | 12,870 | 11,390 | -      | -      | -    |
|                    | K*ON300E4A** | YS21KAE         | 28,420                   | 25,480 | 22,790 | 20,330 | 18,110 | 16,120 | 14,300 | 12,680 | -      | -      | -    |
|                    | K*ON350E4A** | YS24KAE         | 31,270                   | 28,060 | 25,140 | 22,430 | 19,990 | 17,810 | 15,830 | 14,040 | -      | -      | -    |
|                    | K*ON400E4A** | YS26KAE         | 34,630                   | 31,120 | 27,910 | 24,940 | 22,250 | 19,820 | 17,650 | 15,690 | -      | -      | -    |
|                    | K*ON450E4A** | YS30KA          | 38,220                   | 34,420 | 30,880 | 27,640 | 24,760 | 22,060 | 19,720 | 17,560 | -      | -      | -    |
|                    | K*ON500E4A** | YS33KAE         | 49,930                   | 45,300 | 41,010 | 36,870 | 33,050 | 29,470 | 26,140 | 23,020 | -      | -      | -    |
|                    | K*ON600E4A** | YS40KAE         | 57,950                   | 52,750 | 47,780 | 43,080 | 38,650 | 34,490 | 30,610 | 27,100 | -      | -      | -    |

20° F Superheat Maximum      Additional Compressor Cooling Recommended<sup>†</sup>

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

<sup>†</sup> See page 18 for Additional Compressor Cooling Graph.

<sup>‡</sup> Multiply capacity by .83 when used with 50 Hz power when applicable.

## CAPACITY DATA (BTUH)

EXTENDED MEDIUM TEMPERATURE R455A SCROLL // 60 HZ<sup>‡</sup>

| Ambient Temp. (°F) | Model No.    | Comp. Model No. | Suction Temperature (°F) |        |        |        |        |        |        |        |        |        |        |
|--------------------|--------------|-----------------|--------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                    |              |                 | 40°                      | 35°    | 30°    | 25°    | 20°    | 15°    | 10°    | 5°     | 0°     | -5°    | -10°   |
| 90°                | K*ON060M4A** | YB06KAE         | 9,730                    | 8,850  | 8,000  | 7,210  | 6,480  | 5,800  | 5,170  | 4,590  | 4,060  | 3,590  | 3,170  |
|                    | K*ON080M4A** | YB07KAE         | 11,460                   | 10,440 | 9,480  | 8,570  | 7,720  | 6,930  | 6,210  | 5,530  | 4,900  | 4,340  | 3,830  |
|                    | K*ON100M4A** | YB08KAE         | 12,780                   | 11,660 | 10,610 | 9,640  | 8,730  | 7,850  | 7,050  | 6,300  | 5,610  | 4,980  | 4,410  |
|                    | K*ON130E4A** | YS09KAE         | 13,900                   | 12,680 | 11,450 | 10,410 | 9,380  | 8,440  | 7,580  | 6,780  | 6,080  | 5,380  | 4,830  |
|                    | K*ON150E4A** | YS11KAE         | 17,430                   | 15,760 | 14,200 | 12,820 | 11,500 | 10,300 | 9,240  | 8,260  | 7,410  | 6,670  | 6,050  |
|                    | K*ON180E4A** | YS12KAE         | 19,050                   | 17,270 | 15,600 | 14,110 | 12,690 | 11,410 | 10,230 | 9,140  | 8,140  | 7,360  | 6,650  |
|                    | K*ON200E4A** | YS14KAE         | 23,120                   | 21,000 | 19,010 | 17,130 | 15,410 | 13,830 | 12,380 | 11,060 | 9,860  | 8,820  | 7,900  |
|                    | K*ON250E4A** | YS16KAE         | 25,320                   | 23,000 | 20,800 | 18,820 | 16,980 | 15,280 | 13,680 | 12,220 | 10,910 | 9,780  | 8,770  |
|                    | K*ON280E4A** | YS19KAE         | 34,150                   | 30,690 | 27,480 | 24,550 | 21,870 | 19,490 | 17,290 | 15,330 | 13,600 | 12,230 | 11,070 |
|                    | K*ON300E4A** | YS21KAE         | 37,620                   | 33,860 | 30,390 | 27,200 | 24,280 | 21,630 | 19,210 | 17,030 | 15,110 | 13,540 | 12,190 |
|                    | K*ON350E4A** | YS24KAE         | 41,430                   | 37,320 | 33,560 | 30,040 | 26,830 | 23,920 | 21,270 | 18,870 | 16,760 | 14,840 | 13,360 |
|                    | K*ON400E4A** | YS26KAE         | 45,940                   | 41,460 | 37,270 | 33,440 | 29,860 | 26,660 | 23,740 | 21,120 | 18,700 | 16,760 | 15,060 |
|                    | K*ON450E4A** | YS30KA          | 50,920                   | 45,930 | 41,460 | 37,350 | 33,520 | 29,840 | 26,620 | 23,750 | 20,960 | 18,680 | 16,730 |
|                    | K*ON500E4A** | YS33KAE         | 61,080                   | 55,630 | 50,290 | 45,470 | 40,710 | 36,420 | 32,250 | 28,510 | 25,050 | 21,760 | 18,800 |
|                    | K*ON600E4A** | YS40KAE         | 71,050                   | 64,810 | 58,670 | 53,100 | 47,760 | 42,630 | 37,980 | 33,620 | 29,540 | 25,940 | 22,450 |
| 95°                | K*ON060M4A** | YB06KAE         | 9,310                    | 8,460  | 7,650  | 6,900  | 6,190  | 5,540  | 4,940  | 4,390  | 3,860  | 3,410  | -      |
|                    | K*ON080M4A** | YB07KAE         | 10,960                   | 9,980  | 9,060  | 8,190  | 7,380  | 6,630  | 5,920  | 5,280  | 4,680  | 4,140  | -      |
|                    | K*ON100M4A** | YB08KAE         | 12,190                   | 11,140 | 10,110 | 9,190  | 8,320  | 7,490  | 6,730  | 6,020  | 5,370  | 4,750  | -      |
|                    | K*ON130E4A** | YS09KAE         | 13,270                   | 12,080 | 10,960 | 9,930  | 8,940  | 8,050  | 7,220  | 6,480  | 5,780  | 5,140  | -      |
|                    | K*ON150E4A** | YS11KAE         | 16,580                   | 14,990 | 13,480 | 12,190 | 10,980 | 9,840  | 8,810  | 7,850  | 7,010  | 6,320  | -      |
|                    | K*ON180E4A** | YS12KAE         | 18,230                   | 16,450 | 14,950 | 13,460 | 12,120 | 10,900 | 9,760  | 8,730  | 7,770  | 7,030  | -      |
|                    | K*ON200E4A** | YS14KAE         | 22,120                   | 20,040 | 18,150 | 16,350 | 14,730 | 13,220 | 11,820 | 10,550 | 9,420  | 8,420  | -      |
|                    | K*ON250E4A** | YS16KAE         | 24,110                   | 21,980 | 19,890 | 17,980 | 16,220 | 14,560 | 13,050 | 11,680 | 10,450 | 9,360  | -      |
|                    | K*ON280E4A** | YS19KAE         | 32,730                   | 29,350 | 26,270 | 23,470 | 20,910 | 18,600 | 16,530 | 14,660 | 12,980 | 11,570 | -      |
|                    | K*ON300E4A** | YS21KAE         | 35,980                   | 32,380 | 29,040 | 25,980 | 23,180 | 20,650 | 18,350 | 16,310 | 14,400 | 12,950 | -      |
|                    | K*ON350E4A** | YS24KAE         | 39,660                   | 35,700 | 32,060 | 28,680 | 25,600 | 22,840 | 20,300 | 18,030 | 16,040 | 14,290 | -      |
|                    | K*ON400E4A** | YS26KAE         | 43,950                   | 39,620 | 35,610 | 31,920 | 28,520 | 25,450 | 22,650 | 20,120 | 17,980 | 16,110 | -      |
|                    | K*ON450E4A** | YS30KA          | 48,750                   | 43,950 | 39,520 | 35,520 | 31,800 | 28,510 | 25,410 | 22,590 | 20,040 | 17,760 | -      |
|                    | K*ON500E4A** | YS33KAE         | 58,900                   | 53,640 | 48,560 | 43,770 | 39,180 | 35,030 | 31,100 | 27,390 | 24,050 | 20,980 | -      |
|                    | K*ON600E4A** | YS40KAE         | 68,460                   | 62,420 | 56,540 | 51,100 | 45,910 | 41,090 | 36,510 | 32,340 | 28,480 | 25,040 | -      |

20° F Superheat Maximum      Additional Compressor Cooling Recommended<sup>†</sup>

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

<sup>†</sup> See page 18 for Additional Compressor Cooling Graph.<sup>‡</sup> Multiply capacity by .83 when used with 50 Hz power when applicable.

## CAPACITY DATA (BTUH)

EXTENDED MEDIUM TEMPERATURE R455A SCROLL // 60 HZ<sup>‡</sup>

| Ambient Temp. (°F) | Model No.    | Comp. Model No. | Suction Temperature (°F) |        |        |        |        |        |        |        |        |     |      |
|--------------------|--------------|-----------------|--------------------------|--------|--------|--------|--------|--------|--------|--------|--------|-----|------|
|                    |              |                 | 40°                      | 35°    | 30°    | 25°    | 20°    | 15°    | 10°    | 5°     | 0°     | -5° | -10° |
| 100°               | K*ON060M4A** | YB06KAE         | 8,900                    | 8,070  | 7,300  | 6,580  | 5,900  | 5,280  | 4,710  | 4,180  | 3,710  | -   | -    |
|                    | K*ON080M4A** | YB07KAE         | 10,460                   | 9,530  | 8,650  | 7,810  | 7,030  | 6,320  | 5,650  | 5,000  | 4,420  | -   | -    |
|                    | K*ON100M4A** | YB08KAE         | 11,620                   | 10,620 | 9,670  | 8,730  | 7,910  | 7,130  | 6,400  | 5,730  | 5,120  | -   | -    |
|                    | K*ON130E4A** | YS09KAE         | 12,680                   | 11,500 | 10,430 | 9,420  | 8,490  | 7,640  | 6,860  | 6,140  | 5,480  | -   | -    |
|                    | K*ON150E4A** | YS11KAE         | 15,810                   | 14,320 | 12,930 | 11,620 | 10,440 | 9,370  | 8,400  | 7,480  | 6,710  | -   | -    |
|                    | K*ON180E4A** | YS12KAE         | 17,410                   | 15,750 | 14,120 | 12,770 | 11,500 | 10,340 | 9,260  | 8,280  | 7,380  | -   | -    |
|                    | K*ON200E4A** | YS14KAE         | 21,060                   | 19,070 | 17,280 | 15,590 | 14,010 | 12,560 | 11,240 | 10,030 | 8,940  | -   | -    |
|                    | K*ON250E4A** | YS16KAE         | 22,970                   | 20,910 | 18,920 | 17,100 | 15,410 | 13,830 | 12,420 | 11,090 | 9,890  | -   | -    |
|                    | K*ON280E4A** | YS19KAE         | 31,260                   | 28,010 | 25,000 | 22,310 | 19,900 | 17,710 | 15,720 | 13,940 | 12,240 | -   | -    |
|                    | K*ON300E4A** | YS21KAE         | 34,390                   | 30,900 | 27,690 | 24,750 | 22,050 | 19,650 | 17,450 | 15,480 | 13,840 | -   | -    |
|                    | K*ON350E4A** | YS24KAE         | 37,870                   | 34,050 | 30,550 | 27,360 | 24,380 | 21,740 | 19,320 | 17,140 | 15,320 | -   | -    |
|                    | K*ON400E4A** | YS26KAE         | 41,960                   | 37,780 | 33,980 | 30,420 | 27,140 | 24,220 | 21,550 | 19,160 | 16,960 | -   | -    |
|                    | K*ON450E4A** | YS30KA          | 46,120                   | 41,870 | 37,600 | 33,800 | 30,270 | 27,100 | 24,170 | 21,460 | 19,060 | -   | -    |
|                    | K*ON500E4A** | YS33KAE         | 56,730                   | 51,610 | 46,790 | 42,070 | 37,740 | 33,660 | 29,860 | 26,380 | 23,110 | -   | -    |
|                    | K*ON600E4A** | YS40KAE         | 65,730                   | 60,130 | 54,490 | 49,190 | 44,140 | 39,440 | 35,110 | 31,130 | 27,310 | -   | -    |
| 110°               | K*ON060M4A** | YB06KAE         | 8,060                    | 7,300  | 6,600  | 5,940  | 5,330  | 4,770  | 4,250  | 3,780  | -      | -   | -    |
|                    | K*ON080M4A** | YB07KAE         | 9,450                    | 8,600  | 7,800  | 7,050  | 6,340  | 5,690  | 5,090  | 4,530  | -      | -   | -    |
|                    | K*ON100M4A** | YB08KAE         | 10,480                   | 9,590  | 8,700  | 7,880  | 7,120  | 6,420  | 5,770  | 5,180  | -      | -   | -    |
|                    | K*ON130E4A** | YS09KAE         | 11,340                   | 10,310 | 9,340  | 8,410  | 7,600  | 6,830  | 6,130  | 5,500  | -      | -   | -    |
|                    | K*ON150E4A** | YS11KAE         | 14,270                   | 12,830 | 11,640 | 10,430 | 9,380  | 8,430  | 7,520  | 6,730  | -      | -   | -    |
|                    | K*ON180E4A** | YS12KAE         | 15,700                   | 14,130 | 12,670 | 11,430 | 10,300 | 9,250  | 8,290  | 7,420  | -      | -   | -    |
|                    | K*ON200E4A** | YS14KAE         | 19,010                   | 17,190 | 15,570 | 14,010 | 12,570 | 11,270 | 10,090 | 9,010  | -      | -   | -    |
|                    | K*ON250E4A** | YS16KAE         | 20,750                   | 18,830 | 17,030 | 15,380 | 13,850 | 12,430 | 11,130 | 9,950  | -      | -   | -    |
|                    | K*ON280E4A** | YS19KAE         | 28,270                   | 25,300 | 22,620 | 20,100 | 17,900 | 15,910 | 14,110 | 12,530 | -      | -   | -    |
|                    | K*ON300E4A** | YS21KAE         | 31,060                   | 27,910 | 24,950 | 22,240 | 19,830 | 17,650 | 15,660 | 13,910 | -      | -   | -    |
|                    | K*ON350E4A** | YS24KAE         | 34,230                   | 30,740 | 27,560 | 24,560 | 21,920 | 19,530 | 17,340 | 15,370 | -      | -   | -    |
|                    | K*ON400E4A** | YS26KAE         | 37,930                   | 34,110 | 30,520 | 27,360 | 24,400 | 21,750 | 19,330 | 17,190 | -      | -   | -    |
|                    | K*ON450E4A** | YS30KA          | 41,870                   | 37,810 | 33,780 | 30,370 | 27,130 | 24,310 | 21,630 | 19,270 | -      | -   | -    |
|                    | K*ON500E4A** | YS33KAE         | 52,360                   | 47,590 | 43,050 | 38,700 | 34,670 | 30,900 | 27,370 | 24,200 | -      | -   | -    |
|                    | K*ON600E4A** | YS40KAE         | 60,600                   | 55,390 | 50,090 | 45,270 | 40,570 | 36,210 | 32,230 | 28,480 | -      | -   | -    |

20° F Superheat Maximum      Additional Compressor Cooling Recommended<sup>†</sup>

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

<sup>†</sup> See page 18 for Additional Compressor Cooling Graph.

<sup>‡</sup> Multiply capacity by .83 when used with 50 Hz power when applicable.

## CAPACITY DATA (BTUH)

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

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

<sup>†</sup> Multiply capacity by .83 when used with 50 Hz power when applicable.

**CAPACITY DATA (BTUH)**LOW TEMPERATURE R454A SCROLL // 60 HZ<sup>‡</sup>

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

 Additional Compressor Cooling Recommended<sup>†</sup>

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

<sup>†</sup> See page 19 for Additional Compressor Cooling Graph.<sup>‡</sup> Multiply capacity by .83 when used with 50 Hz power when applicable.

## CAPACITY DATA (BTUH)

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

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

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

  Additional Compressor Cooling Recommended<sup>†</sup>

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

<sup>†</sup> See page 19 for Additional Compressor Cooling Graph.

<sup>‡</sup> Multiply capacity by .83 when used with 50 Hz power when applicable.

## CAPACITY DATA (BTUH)

LOW TEMPERATURE R455A SCROLL // 60 HZ†

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

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

  Additional Compressor Cooling Recommended<sup>†</sup>

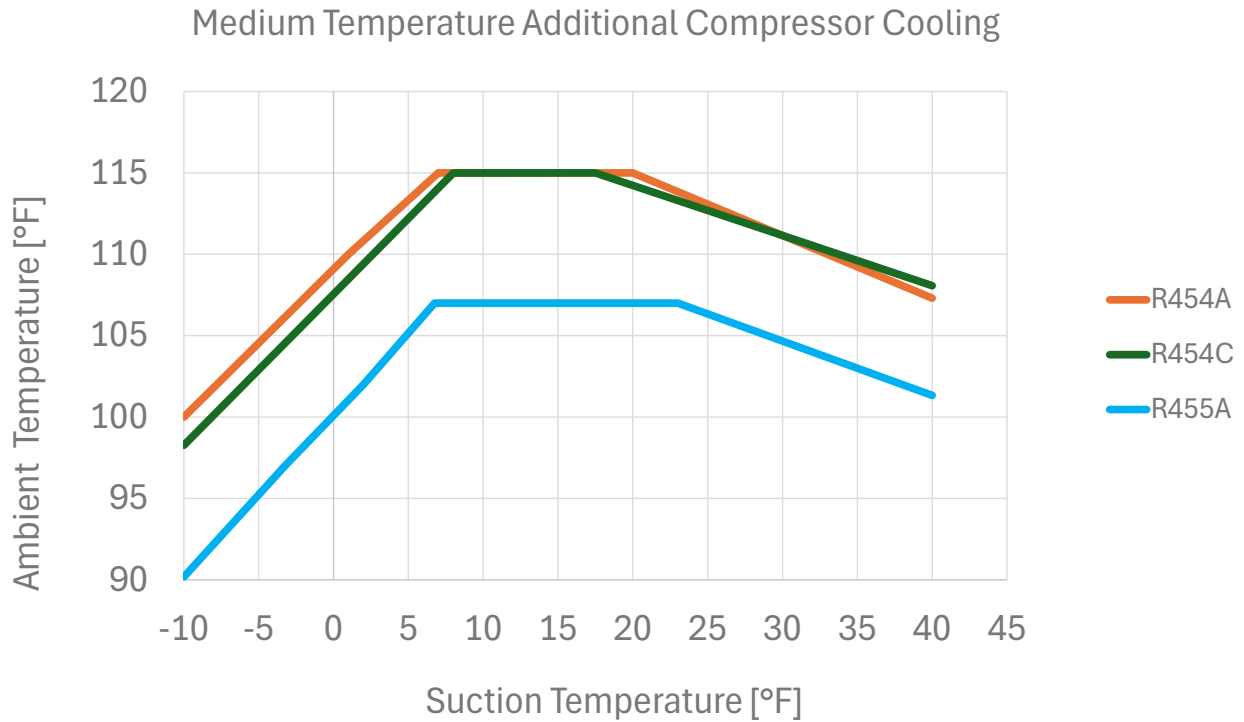
\* Each asterisk represents a variable character based upon model, voltage, and vintage ordered. See page 5 for nomenclature.

<sup>†</sup> See page 19 for Additional Compressor Cooling Graph.

<sup>‡</sup> Multiply capacity by .83 when used with 50 Hz power when applicable.

## ADDITIONAL COMPRESSOR COOLING GRAPH

MEDIUM TEMPERATURE MODELS

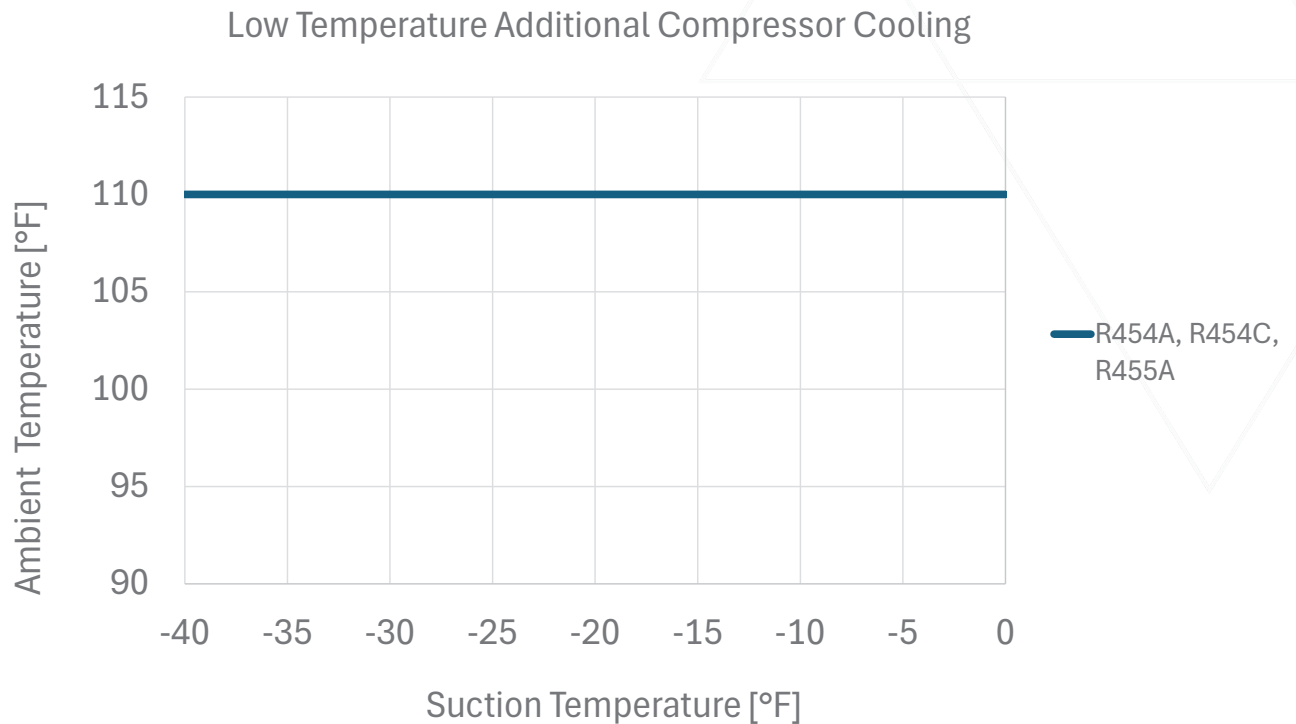


Additional compressor cooling is recommended for ambients above the lines shown.

- Additional compressor cooling option includes dual pressure control, insulated suction line components and piping, liquid injection (TREV), and suction accumulator.

## ADDITIONAL COMPRESSOR COOLING GRAPH

### LOW TEMPERATURE MODELS



Additional compressor cooling is recommended  
for ambients above the lines shown.

- Additional compressor cooling option includes dual pressure control, insulated suction line components and piping.

## ELECTRICAL DATA // SCROLL

208-230V/1/60 Hz

| Model No.    | Comp. Model No. | Compressor |       | Cond. Fan FLA | Air Defrost/No Defrost Provisions |      | Max Evap. Fan Amps <sup>†</sup> | Max Defrost Amps <sup>†</sup> | Electric Defrost |      | Electric Defrost Kit <sup>†</sup> |
|--------------|-----------------|------------|-------|---------------|-----------------------------------|------|---------------------------------|-------------------------------|------------------|------|-----------------------------------|
|              |                 | RLA        | LRA   |               | MCA                               | MOPD |                                 |                               | MCA              | MOPD |                                   |
| K*ON060M4D** | YB06KAE         | 5.4        | 35.7  | 0.6           | 15.0                              | 15   | 4                               | 15                            | 19.8             | 20   | ED-5                              |
| K*ON080M4D** | YB07KAE         | 5.6        | 48.0  | 0.6           | 15.0                              | 15   | 4                               | 15                            | 19.8             | 20   | ED-5                              |
| K*ON100M4D** | YB08KAE         | 7.2        | 47.2  | 0.6           | 15.0                              | 15   | 4                               | 15                            | 19.8             | 20   | ED-5                              |
| K*ON130E4D** | YS09KAE         | 9.0        | 40.3  | 0.6           | 15.0                              | 20   | 4                               | 15                            | 19.8             | 25   | ED-5                              |
| K*ON150E4D** | YS11KAE         | 11.3       | 55.0  | 1.2           | 16.3                              | 25   | 6                               | 20                            | 26.0             | 30   | ED-6                              |
| K*ON180E4D** | YS12KAE         | 10.8       | 56.0  | 1.2           | 15.7                              | 25   | 6                               | 20                            | 26.0             | 30   | ED-6                              |
| K*ON200E4D** | YS14KAE         | 14.1       | 68.0  | 1.2           | 19.8                              | 30   | 10                              | 25                            | 32.3             | 40   | ED-7                              |
| K*ON250E4D** | YS16KAE         | 16.2       | 75.0  | 1.2           | 22.5                              | 35   | 10                              | 25                            | 32.5             | 45   | ED-7                              |
| K*ON280E4D** | YS19KAE         | 17.8       | 88.0  | 5.2           | 28.5                              | 45   | 12                              | 30                            | 40.5             | 50   | ED-10                             |
| K*ON300E4D** | YS21KAE         | 20.8       | 112.0 | 5.2           | 32.2                              | 50   | 12                              | 30                            | 44.2             | 60   | ED-10                             |
| K*ON350E4D** | YS24KAE         | 21.2       | 104.0 | 5.2           | 32.7                              | 50   | 12                              | 30                            | 44.7             | 60   | ED-10                             |
| K*ON400E4D** | YS26KAE         | 23.4       | 137.0 | 5.2           | 35.5                              | 50   | 12                              | 30                            | 47.5             | 70   | ED-10                             |
| K*ON450E4D** | YS30KAE         | 23.0       | 146.0 | 5.2           | 35.0                              | 50   | 12                              | 30                            | 47.0             | 70   | ED-10                             |
| K*ON500E4D** | YS33KAE         | 28.5       | 169.0 | 5.2           | 41.8                              | 70   | 12                              | 30                            | 53.8             | 80   | ED-10                             |
| K*ON100L4D** | YF03KAE         | 5.4        | 42.3  | 0.6           | 15.0                              | 15   | 4                               | 15                            | 19.8             | 20   | ED-5                              |
| K*ON130L4D** | YF04KAE         | 6.6        | 40.3  | 0.6           | 15.0                              | 15   | 4                               | 15                            | 19.8             | 20   | ED-5                              |
| K*ON160L4D** | YF05KAE         | 7.8        | 55.0  | 0.6           | 15.0                              | 15   | 4                               | 15                            | 19.8             | 20   | ED-5                              |
| K*ON230L4D** | YF07KAE         | 12.4       | 75.0  | 1.2           | 17.7                              | 30   | 6                               | 25                            | 32.3             | 35   | ED-7                              |

208-230V/1/60 Hz, 200-220V/1/50 Hz

| Model No.    | Comp. Model No. | Compressor |       | Cond. Fan FLA | Air Defrost/No Defrost Provisions |      | Max Evap. Fan Amps <sup>†</sup> | Max Defrost Amps <sup>†</sup> | Electric Defrost |      | Electric Defrost Kit <sup>†</sup> |
|--------------|-----------------|------------|-------|---------------|-----------------------------------|------|---------------------------------|-------------------------------|------------------|------|-----------------------------------|
|              |                 | RLA        | LRA   |               | MCA                               | MOPD |                                 |                               | MCA              | MOPD |                                   |
| K*ON250L4D** | YF06KSE         | 14.7       | 73.0  | 1.2           | 20.6                              | 35   | 10                              | 25                            | 32.3             | 45   | ED-7                              |
| K*ON300L4D** | YF07KSE         | 12.8       | 88.0  | 1.2           | 18.2                              | 30   | 10                              | 25                            | 32.3             | 40   | ED-7                              |
| K*ON350L4D** | YF09KSE         | 16.3       | 109.0 | 1.2           | 22.6                              | 35   | 10                              | 30                            | 38.5             | 45   | ED-10                             |
| K*ON400L4D** | YF10KAE         | 22.4       | 129.0 | 5.2           | 34.2                              | 50   | 12                              | 30                            | 46.2             | 60   | ED-10                             |
| K*ON500L4D** | YF13KAE         | 24.7       | 169.0 | 5.2           | 37.1                              | 60   | 12                              | 30                            | 49.1             | 70   | ED-10                             |

\* 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.

<sup>†</sup> 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.

**ELECTRICAL DATA // SCROLL**

208-230V/3/60 Hz, 200-220V/3/50 Hz

| Model No.      | Comp. Model No. | Compressor |      | Cond. Fan FLA | Air Defrost/No Defrost Provisions |      | Max Evap. Fan Amps <sup>†</sup> | Max Defrost Amps <sup>†</sup> | Electric Defrost |      | Electric Defrost Kit <sup>†</sup> |
|----------------|-----------------|------------|------|---------------|-----------------------------------|------|---------------------------------|-------------------------------|------------------|------|-----------------------------------|
|                |                 | RLA        | LRA  |               | MCA                               | MOPD |                                 |                               | MCA              | MOPD |                                   |
| K*ON060M4D**   | YB06KAE         | 4.3        | 37.8 | 0.6           | 15.0                              | 15   | 4                               | 15                            | 19.8             | 20   | ED-5                              |
| K*ON080M4D**   | YB07KAE         | 4.7        | 37.8 | 0.6           | 15.0                              | 15   | 4                               | 15                            | 19.8             | 20   | ED-5                              |
| K*ON100M4D**   | YB08KAE         | 4.7        | 37.8 | 0.6           | 15.0                              | 15   | 4                               | 15                            | 19.8             | 20   | ED-5                              |
| K*ON130E4D***† | YS09KAE         | 7.2        | 55.4 | 0.6           | 15.0                              | 15   | 4                               | 15                            | 19.8             | 20   | ED-5                              |
| K*ON150E4D**   | YS11KAE         | 9.3        | 58   | 1.2           | 15.0                              | 20   | 6                               | 15                            | 19.8             | 25   | ED-5                              |
| K*ON180E4D**   | YS12KAE         | 8.7        | 58   | 1.2           | 15.0                              | 20   | 6                               | 15                            | 19.8             | 25   | ED-5                              |
| K*ON200E4D**   | YS14KAE         | 9.6        | 58   | 1.2           | 15.0                              | 20   | 10                              | 20                            | 26.0             | 30   | ED-6                              |
| K*ON250E4D**   | YS16KAE         | 12.3       | 73   | 1.2           | 17.6                              | 25   | 10                              | 25                            | 32.3             | 35   | ED-7                              |
| K*ON280E4D**   | YS19KAE         | 10.8       | 76.9 | 5.2           | 19.7                              | 30   | 12                              | 25                            | 32.3             | 40   | ED-7                              |
| K*ON300E4D**   | YS21KAE         | 13.7       | 93   | 5.2           | 23.3                              | 35   | 12                              | 25                            | 35.3             | 45   | ED-7                              |
| K*ON350E4D**   | YS24KAE         | 13.9       | 93   | 5.2           | 23.6                              | 35   | 12                              | 25                            | 35.6             | 45   | ED-7                              |
| K*ON400E4D**   | YS26KAE         | 18.4       | 114  | 5.2           | 29.2                              | 45   | 12                              | 30                            | 41.2             | 50   | ED-11                             |
| K*ON450E4D**   | YS30KAE         | 20         | 114  | 5.2           | 31.2                              | 50   | 12                              | 30                            | 43.2             | 60   | ED-11                             |
| K*ON500E4D**   | YS33KAE         | 19.2       | 123  | 5.2           | 30.2                              | 45   | 12                              | 30                            | 42.2             | 60   | ED-11                             |
| K*ON600E4D**   | YS40KAE         | 21.5       | 156  | 5.2           | 33.1                              | 50   | 12                              | 30                            | 45.1             | 60   | ED-11                             |
| K*ON100L4D**   | YF03KAE         | 3.7        | 31.7 | 0.6           | 15.0                              | 15   | 4                               | 15                            | 19.8             | 20   | ED-5                              |
| K*ON130L4D**   | YF04KAE         | 6          | 55.4 | 0.6           | 15.0                              | 15   | 4                               | 15                            | 19.8             | 20   | ED-5                              |
| K*ON160L4D**   | YF05KAE         | 6.6        | 58   | 0.6           | 15.0                              | 15   | 4                               | 15                            | 19.8             | 20   | ED-5                              |
| K*ON230L4D**   | YF07KAE         | 7.8        | 58   | 1.2           | 15.0                              | 15   | 6                               | 15                            | 19.8             | 25   | ED-5                              |
| K*ON250L4D**   | YF06KSE         | 8.7        | 63   | 1.2           | 15.0                              | 20   | 10                              | 20                            | 26.0             | 30   | ED-6                              |
| K*ON300L4D**   | YF07KSE         | 8.7        | 83   | 1.2           | 15.0                              | 20   | 10                              | 20                            | 26.0             | 30   | ED-6                              |
| K*ON350L4D**   | YF09KSE         | 10.9       | 88   | 1.2           | 15.8                              | 25   | 10                              | 25                            | 32.3             | 35   | ED-7                              |
| K*ON400L4D**   | YF10KAE         | 11.9       | 99   | 5.2           | 21.1                              | 30   | 12                              | 25                            | 33.1             | 45   | ED-7                              |
| K*ON500L4D**   | YF13KAE         | 17         | 123  | 5.2           | 27.5                              | 40   | 12                              | 30                            | 39.5             | 50   | ED-11                             |
| K*ON600L4D**   | 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.

<sup>†</sup> 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.

## ELECTRICAL DATA // SCROLL

460V/3/60 Hz, 380V/3/50 Hz

| Model No.    | Comp. Model No. | Compressor |      | Cond. Fan FLA | Air Defrost/No Defrost Provisions |      | Max Evap. Fan Amps <sup>†</sup> | Max Defrost Amps <sup>†</sup> | Electric Defrost |      | Electric Defrost Kit <sup>†</sup> |
|--------------|-----------------|------------|------|---------------|-----------------------------------|------|---------------------------------|-------------------------------|------------------|------|-----------------------------------|
|              |                 | RLA        | LRA  |               | MCA                               | MOPD |                                 |                               | MCA              | MOPD |                                   |
| K*ON130E4D** | YS09KAE         | 3.4        | 27   | 0.6           | 15.0                              | 15   | 2                               | 15                            | 19.8             | 20   | ED-17                             |
| K*ON150E4D** | YS11KAE         | 3.8        | 28   | 1.2           | 15.0                              | 15   | 3                               | 15                            | 19.8             | 20   | ED-17                             |
| K*ON180E4D** | YS12KAE         | 4.3        | 29   | 1.2           | 15.0                              | 15   | 3                               | 15                            | 19.8             | 20   | ED-17                             |
| K*ON200E4D** | YS14KAE         | 4.8        | 29   | 1.2           | 15.0                              | 15   | 5                               | 15                            | 19.8             | 20   | ED-17                             |
| K*ON250E4D** | YS16KAE         | 5.8        | 38   | 1.2           | 15.0                              | 15   | 5                               | 15                            | 19.8             | 20   | ED-17                             |
| K*ON280E4D** | YS19KAE         | 4.9        | 41.6 | 3.1           | 15.0                              | 15   | 6                               | 15                            | 19.8             | 20   | ED-17                             |
| K*ON300E4D** | YS21KAE         | 6.2        | 48   | 3.1           | 15.0                              | 15   | 6                               | 15                            | 19.8             | 20   | ED-17                             |
| K*ON350E4D** | YS24KAE         | 6.2        | 48   | 3.1           | 15.0                              | 15   | 6                               | 15                            | 19.8             | 20   | ED-17                             |
| K*ON400E4D** | YS26KAE         | 8.4        | 58   | 3.1           | 15.0                              | 20   | 6                               | 15                            | 20.6             | 25   | ED-17                             |
| K*ON450E4D** | YS30KAE         | 9          | 52   | 3.1           | 15.4                              | 20   | 6                               | 20                            | 26.0             | 30   | ED-18                             |
| K*ON500E4D** | YS33KAE         | 8.7        | 62   | 3.1           | 15.0                              | 20   | 6                               | 20                            | 26.0             | 30   | ED-18                             |
| K*ON600E4D** | YS40KAE         | 8.3        | 75   | 3.1           | 15.0                              | 20   | 6                               | 20                            | 26.0             | 30   | ED-18                             |
| K*ON230L4D** | YF07KAE         | 3.6        | 28   | 1.2           | 15.0                              | 15   | 3                               | 15                            | 19.8             | 20   | ED-17                             |
| K*ON250L4D** | YF06KSE         | 4.5        | 31   | 1.2           | 15.0                              | 15   | 5                               | 15                            | 19.8             | 20   | ED-17                             |
| K*ON300L4D** | YF07KSE         | 4.5        | 39   | 1.2           | 15.0                              | 15   | 5                               | 15                            | 19.8             | 20   | ED-17                             |
| K*ON350L4D** | YF09KSE         | 5.8        | 44   | 1.2           | 15.0                              | 15   | 5                               | 15                            | 19.8             | 20   | ED-17                             |
| K*ON400L4D** | YF10KAE         | 6.4        | 49.5 | 3.1           | 15.0                              | 15   | 6                               | 15                            | 19.8             | 20   | ED-17                             |
| K*ON500L4D** | YF13KAE         | 8          | 62   | 3.1           | 15.0                              | 20   | 6                               | 15                            | 20.1             | 25   | ED-17                             |
| K*ON600L4D** | 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.

<sup>†</sup> 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.

## SPECIFICATIONS // ALL MODELS

### EXTENDED MEDIUM TEMPERATURE SCROLL

| Model No.    | Comp.<br>Model No. | HP    | Connections (In.) |         | Pump Down Capacity (lbs) |              |              |                    |              |              |
|--------------|--------------------|-------|-------------------|---------|--------------------------|--------------|--------------|--------------------|--------------|--------------|
|              |                    |       | Liquid            | Suction | Standard Receiver        |              |              | Oversized Receiver |              |              |
|              |                    |       |                   |         | 90%<br>R454A             | 90%<br>R454C | 90%<br>R455A | 90%<br>R454A       | 90%<br>R454C | 90%<br>R455A |
| K*ON060M4A** | YB06KAE            | 1/2   | 3/8               | 5/8     | 10.8                     | 11           | 10.9         | 13.3               | 13.6         | 13.5         |
| K*ON080M4A** | YB07KAE            | 3/4   | 3/8               | 5/8     | 10.8                     | 11           | 10.9         | 13.3               | 13.6         | 13.5         |
| K*ON100M4A** | YB08KAE            | 1     | 3/8               | 5/8     | 10.8                     | 11           | 10.9         | 13.3               | 13.6         | 13.5         |
| K*ON130E4A** | YS09KAE            | 1     | 3/8               | 5/8     | 10.8                     | 11           | 10.9         | 13.3               | 13.6         | 13.5         |
| K*ON150E4A** | YS11KAE            | 1-1/4 | 1/2               | 7/8     | 13.3                     | 13.6         | 13.5         | 17                 | 17.4         | 17.2         |
| K*ON180E4A** | YS12KAE            | 1-1/2 | 1/2               | 7/8     | 13.3                     | 13.6         | 13.5         | 17                 | 17.4         | 17.2         |
| K*ON200E4A** | YS14KAE            | 2     | 1/2               | 7/8     | 14.9                     | 15.2         | 15           | 20.5               | 20.9         | 20.7         |
| K*ON250E4A** | YS16KAE            | 2-1/2 | 1/2               | 7/8     | 14.9                     | 15.2         | 15           | 20.5               | 20.9         | 20.7         |
| K*ON280E4A** | YS19KAE            | 2-3/4 | 5/8               | 1-1/8   | 27.4                     | 27.9         | 27.7         | 37.1               | 37.8         | 37.5         |
| K*ON300E4A** | YS21KAE            | 3     | 5/8               | 1-1/8   | 27.4                     | 27.9         | 27.7         | 37.1               | 37.8         | 37.5         |
| K*ON350E4A** | YS24KAE            | 3-1/2 | 5/8               | 1-1/8   | 27.4                     | 27.9         | 27.7         | 37.1               | 37.8         | 37.5         |
| K*ON400E4A** | YS26KAE            | 4     | 5/8               | 1-1/8   | 27.4                     | 27.9         | 27.7         | 37.1               | 37.8         | 37.5         |
| K*ON450E4A** | YS30KAE            | 4-1/2 | 5/8               | 1-1/8   | 27.4                     | 27.9         | 27.7         | 37.1               | 37.8         | 37.5         |
| K*ON500E4A** | YS33KAE            | 5     | 5/8               | 1-1/8   | 27.4                     | 27.9         | 27.7         | 37.1               | 37.8         | 37.5         |
| K*ON600E4A** | YS40KAE            | 6     | 5/8               | 1-1/8   | 27.4                     | 27.9         | 27.7         | 37.1               | 37.8         | 37.5         |

### LOW TEMPERATURE SCROLL

| Model No.    | Comp.<br>Model No. | HP    | Connections (In.) |         | Pump Down Capacity (lbs) |              |              |                    |              |              |
|--------------|--------------------|-------|-------------------|---------|--------------------------|--------------|--------------|--------------------|--------------|--------------|
|              |                    |       | Liquid            | Suction | Standard Receiver        |              |              | Oversized Receiver |              |              |
|              |                    |       |                   |         | 90%<br>R454A             | 90%<br>R454C | 90%<br>R455A | 90%<br>R454A       | 90%<br>R454C | 90%<br>R455A |
| K*ON100L4A** | YF03KAE            | 1     | 3/8               | 5/8     | 10.8                     | 11           | 10.9         | 13.3               | 13.6         | 13.5         |
| K*ON130L4A** | YF04KAE            | 1-1/3 | 3/8               | 5/8     | 10.8                     | 11           | 10.9         | 13.3               | 13.6         | 13.5         |
| K*ON160L4A** | YF05KAE            | 1-1/2 | 3/8               | 5/8     | 10.8                     | 11           | 10.9         | 13.3               | 13.6         | 13.5         |
| K*ON230L4A** | YF07KAE            | 2-1/3 | 3/8               | 7/8     | 13.3                     | 13.6         | 13.5         | 17                 | 17.4         | 17.2         |
| K*ON250L4A** | YF06KSE            | 2-1/2 | 3/8               | 7/8     | 14.9                     | 15.2         | 15           | 20.5               | 20.9         | 20.7         |
| K*ON300L4A** | YF07KSE            | 3     | 3/8               | 7/8     | 14.9                     | 15.2         | 15           | 20.5               | 20.9         | 20.7         |
| K*ON350L4A** | YF09KSE            | 3-1/2 | 3/8               | 7/8     | 14.9                     | 15.2         | 15           | 20.5               | 20.9         | 20.7         |
| K*ON400L4A** | YF10KAE            | 4     | 1/2               | 11/8    | 27.4                     | 27.9         | 27.7         | 37.1               | 37.8         | 37.5         |
| K*ON500L4A** | YF13KAE            | 5     | 1/2               | 11/8    | 27.4                     | 27.9         | 27.7         | 37.1               | 37.8         | 37.5         |
| K*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

## EXTENDED MEDIUM TEMPERATURE SCROLL

| Model No.    | Comp. Model No. | Cabinet Size <sup>‡</sup> | Fan Qty | Dimensions (In.) |        |        | Approx. Ship Wt. (Lbs) | Sound dBA <sup>†</sup> |
|--------------|-----------------|---------------------------|---------|------------------|--------|--------|------------------------|------------------------|
|              |                 |                           |         | D                | W      | H      |                        |                        |
| K*ON060M4A** | YB06KAE         | FM1                       | 1       | 28-1/4           | 27-7/8 | 18-3/4 | 195                    | 70                     |
| K*ON080M4A** | YB07KAE         | FM1                       | 1       | 28-1/4           | 27-7/8 | 18-3/4 | 195                    | 70                     |
| K*ON100M4A** | YB08KAE         | FM1                       | 1       | 28-1/4           | 27-7/8 | 18-3/4 | 195                    | 70                     |
| K*ON130E4A** | YS09KAE         | FM1                       | 1       | 28-1/4           | 27-7/8 | 18-3/4 | 195                    | 70                     |
| K*ON150E4A** | YS11KAE         | FM2                       | 2       | 28-1/4           | 39-7/8 | 18-3/4 | 205                    | 71                     |
| K*ON180E4A** | YS12KAE         | FM2                       | 2       | 28-1/4           | 39-7/8 | 18-3/4 | 210                    | 71                     |
| K*ON200E4A** | YS14KAE         | FM3                       | 2       | 28-1/4           | 39-7/8 | 21-1/4 | 215                    | 71                     |
| K*ON250E4A** | YS16KAE         | FM3                       | 2       | 28-1/4           | 39-7/8 | 21-1/4 | 230                    | 72                     |
| K*ON280E4A** | YS19KAE         | FM4                       | 1       | 33               | 43-7/8 | 35     | 305                    | 72                     |
| K*ON300E4A** | YS21KAE         | FM4                       | 1       | 33               | 43-7/8 | 35     | 305                    | 72                     |
| K*ON350E4A** | YS24KAE         | FM4                       | 1       | 33               | 43-7/8 | 35     | 325                    | 72                     |
| K*ON400E4A** | YS26KAE         | FM4                       | 1       | 33               | 43-7/8 | 35     | 352                    | 74                     |
| K*ON450E4A** | YS30KAE         | FM4                       | 1       | 33               | 43-7/8 | 35     | 375                    | 74                     |
| K*ON500E4A** | YS33KAE         | FM4                       | 1       | 33               | 43-7/8 | 35     | 383                    | 74                     |
| K*ON600E4A** | YS40KAE         | FM4                       | 1       | 33               | 43-7/8 | 35     | 405                    | 76                     |

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

<sup>†</sup> 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.

<sup>‡</sup> See pages 26-29 for associated drawings.

**SPECIFICATIONS // ALL MODELS****LOW TEMPERATURE SCROLL**

| Model No.    | Comp. Model No. | Cabinet Size <sup>‡</sup> | Fan Qty | Dimensions (In.) |        |        | Approx. Ship Wt. (Lbs) | Sound dBA <sup>†</sup> |
|--------------|-----------------|---------------------------|---------|------------------|--------|--------|------------------------|------------------------|
|              |                 |                           |         | D                | W      | H      |                        |                        |
| K*ON100L4A** | YF03KAE         | FM1                       | 1       | 28-1/4           | 27-7/8 | 18-3/4 | 195                    | 70                     |
| K*ON130L4A** | YF04KAE         | FM1                       | 1       | 28-1/4           | 27-7/8 | 18-3/4 | 195                    | 70                     |
| K*ON160L4A** | YF05KAE         | FM1                       | 1       | 28-1/4           | 27-7/8 | 18-3/4 | 195                    | 70                     |
| K*ON230L4A** | YF07KAE         | FM2                       | 2       | 28-1/4           | 39-7/8 | 18-3/4 | 230                    | 71                     |
| K*ON250L4A** | YF06KSE         | FM3                       | 2       | 28-1/4           | 39-7/8 | 21-1/4 | 240                    | 73                     |
| K*ON300L4A** | YF07KSE         | FM3                       | 2       | 28-1/4           | 39-7/8 | 21-1/4 | 245                    | 73                     |
| K*ON350L4A** | YF09KSE         | FM3                       | 2       | 28-1/4           | 39-7/8 | 21-1/4 | 255                    | 73                     |
| K*ON400L4A** | YF10KAE         | FM4                       | 1       | 33               | 43-7/8 | 35     | 352                    | 73                     |
| K*ON500L4A** | YF13KAE         | FM4                       | 1       | 33               | 43-7/8 | 35     | 367                    | 74                     |
| K*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.

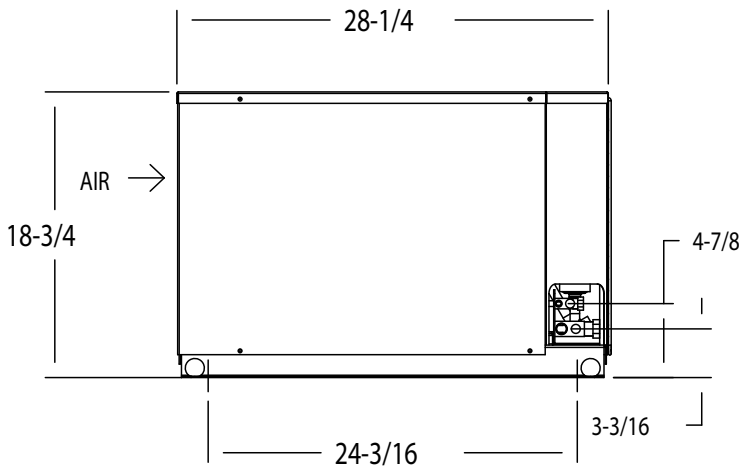
<sup>†</sup> Estimated dBA values at 10 feet from the unit. Correction factors: Deduct 6 dBA for 20 to 40 feet, 12 dBA @ 40 to 60 feet. Ratings at the outlet of the discharge air. The actual measurements may vary depending upon installation variables. Environmental factors may have a significant influence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

<sup>‡</sup> See pages 26-29 for associated drawings.

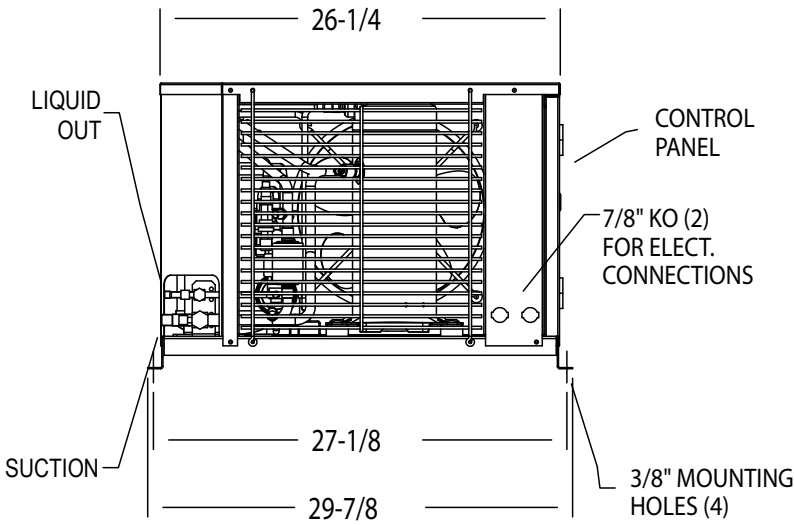
DIMENSIONAL DRAWINGS

Cabinet Size FM1

Depth View



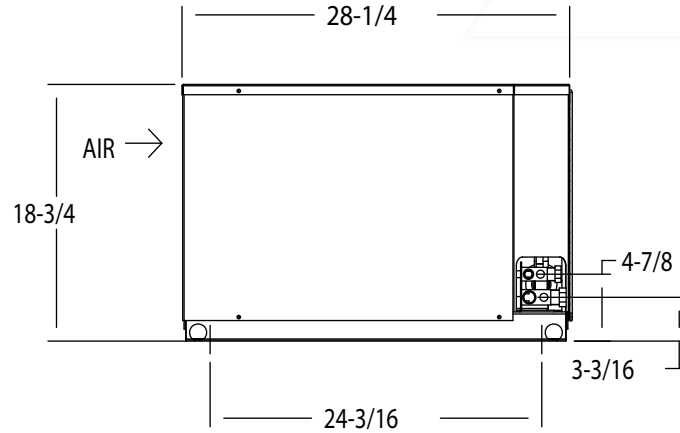
Width View



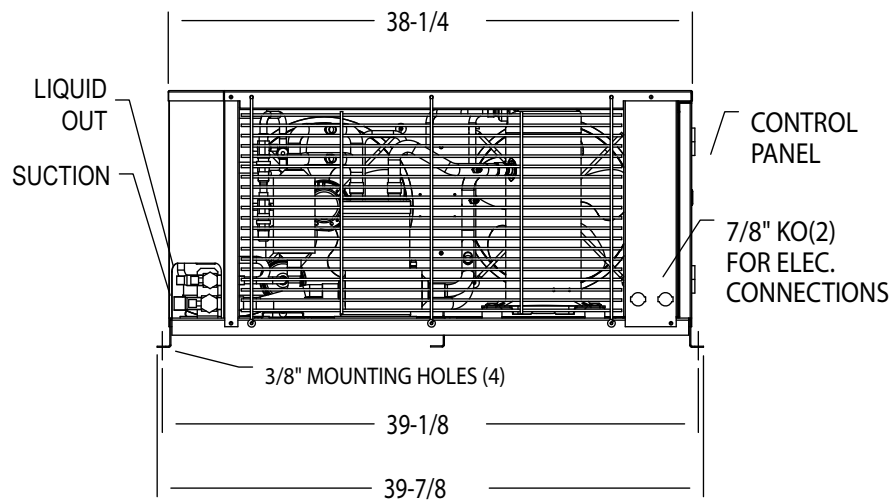
## DIMENSIONAL DRAWINGS

### Cabinet Size FM2

Depth View



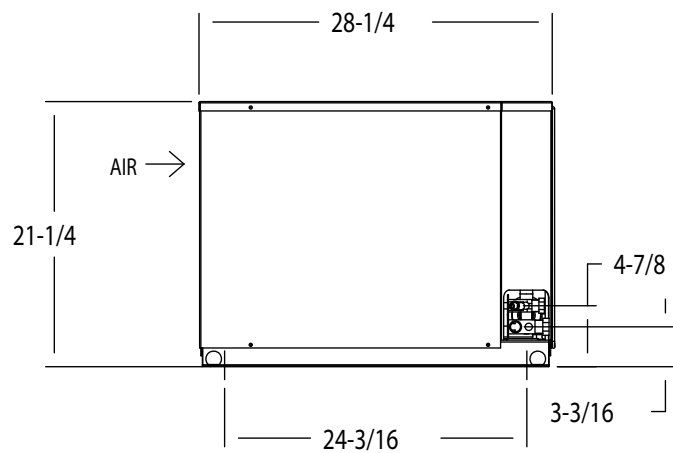
Width View



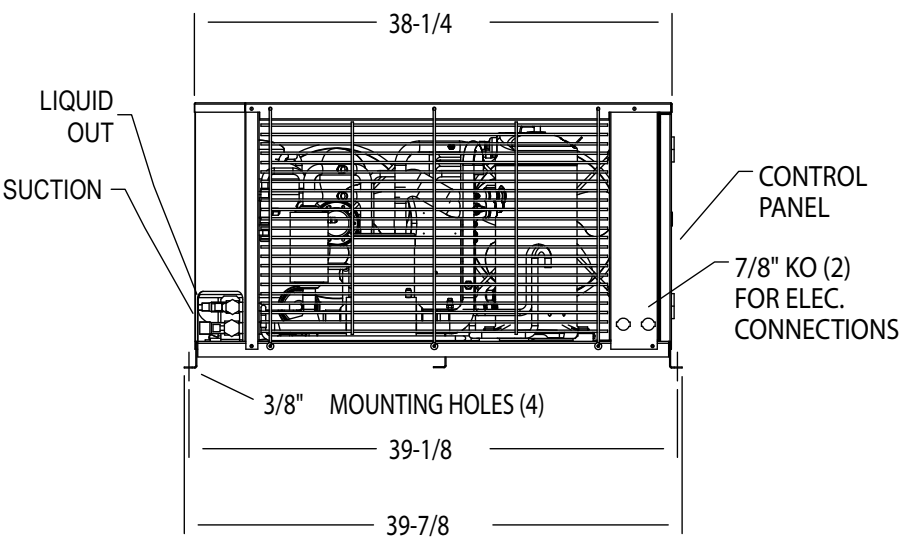
DIMENSIONAL DRAWINGS

Cabinet Size FM3

Depth View



Width View

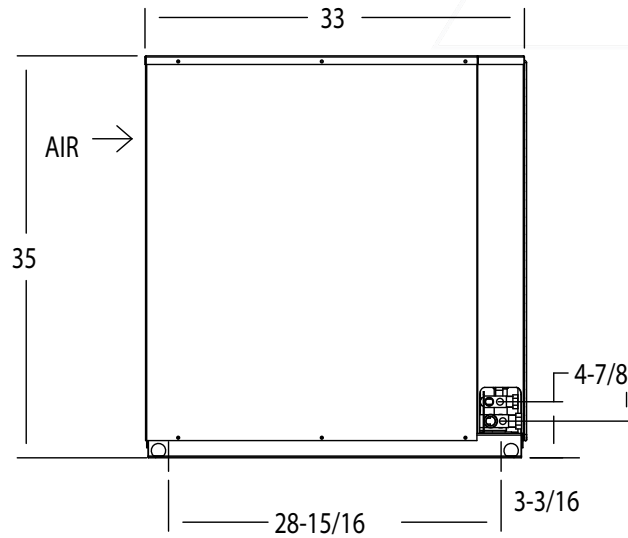


All dimensions are in inches.

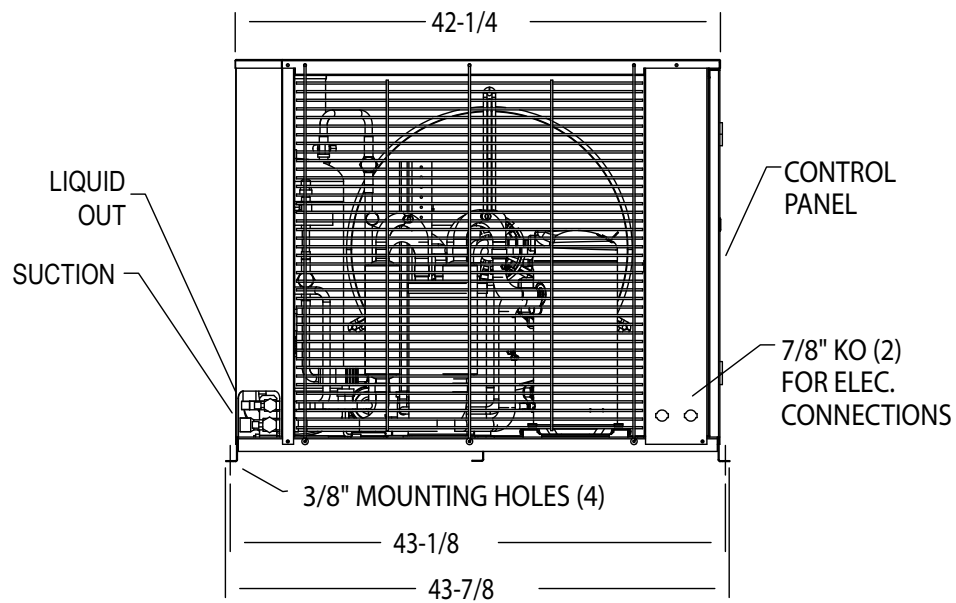
## DIMENSIONAL DRAWINGS

## Cabinet Size FM4

## Depth View



### Width View



All dimensions are in inches.

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

### EXTENDED MEDIUM TEMPERATURE SCROLL

| DEPARTMENT OF ENERGY ANNUAL WALK-IN ENERGY FACTOR (AWEF) RATINGS |                           |       |       |       |
|------------------------------------------------------------------|---------------------------|-------|-------|-------|
| Base Model No.                                                   | Cabinet Size <sup>†</sup> | AWEF  |       |       |
|                                                                  |                           | R454A | R454C | R455A |
| K*ON060M4A**                                                     | FM1                       | 7.60  | 7.60  | 7.60  |
| K*ON080M4A**                                                     | FM1                       | 7.60  | 7.60  | 7.60  |
| K*ON100M4A**                                                     | FM1                       | 7.60  | 7.60  | 7.60  |
| K*ON130E4A**                                                     | FM1                       | 7.60  | 7.60  | 7.60  |
| K*ON150E4A**                                                     | FM2                       | 7.60  | 7.60  | 7.60  |
| K*ON180E4A**                                                     | FM2                       | 7.60  | 7.60  | 7.60  |
| K*ON200E4A**                                                     | FM3                       | 7.60  | 7.60  | 7.60  |
| K*ON250E4A**                                                     | FM3                       | 7.60  | 7.60  | 7.60  |
| K*ON280E4A**                                                     | FM4                       | 7.60  | 7.60  | 7.60  |
| K*ON300E4A**                                                     | FM4                       | 7.60  | 7.60  | 7.60  |
| K*ON350E4A**                                                     | FM4                       | 7.60  | 7.60  | 7.60  |
| K*ON400E4A**                                                     | FM4                       | 7.60  | 7.60  | 7.60  |
| K*ON450E4A**                                                     | FM4                       | 7.60  | 7.60  | 7.60  |
| K*ON500E4A**                                                     | FM4                       | 7.60  | 7.60  | 7.60  |
| K*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."

### LOW TEMPERATURE SCROLL

| DEPARTMENT OF ENERGY ANNUAL WALK-IN ENERGY FACTOR (AWEF) RATINGS |                           |       |       |       |
|------------------------------------------------------------------|---------------------------|-------|-------|-------|
| Base Model No.                                                   | Cabinet Size <sup>†</sup> | AWEF  |       |       |
|                                                                  |                           | R454A | R454C | R455A |
| K*ON100L4A**                                                     | FM1                       | 2.89  | 2.89  | 2.89  |
| K*ON130L4A**                                                     | FM1                       | 2.94  | 2.94  | 2.94  |
| K*ON160L4A**                                                     | FM1                       | 2.98  | 2.98  | 2.98  |
| K*ON230L4A**                                                     | FM2                       | 3.14  | 3.14  | 3.14  |
| K*ON250L4A**                                                     | FM3                       | 3.15  | 3.15  | 3.15  |
| K*ON300L4A**                                                     | FM3                       | 3.15  | 3.15  | 3.15  |
| K*ON350L4A**                                                     | FM3                       | 3.15  | 3.15  | 3.15  |
| K*ON400L4A**                                                     | FM4                       | 3.15  | 3.15  | 3.15  |
| K*ON500L4A**                                                     | FM4                       | 3.15  | 3.15  | 3.15  |
| K*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.

<sup>†</sup> See pages 26-29 for associated drawings.





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Published August 2025

KM-RFH-A2L-0825

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