



A1 & A2L DUAL RATED R-SERIES NEXT-GEN MINICON



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



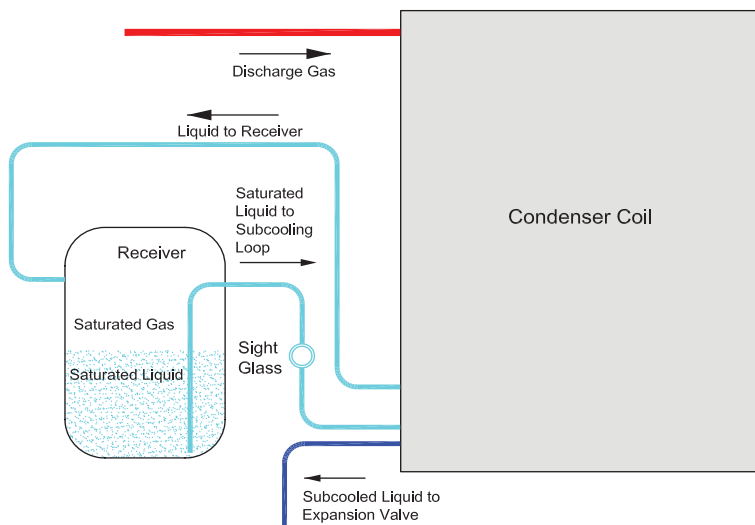
The Next-Gen MiniCon R-Series ½ through 6 HP condensing units are engineered with increased efficiency, more standard features, are easier to service, and have more cataloged options.

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, R455A, R404A, R448A, R449A, R407A, and R407C. 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	●
Variable Speed EC Motors & Controller	○
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 42-45.

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 36-38 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 ²
R	F	O	N	150	E	4A	D	A	NT
Brand	Style	Compressor Style	Compressor Configuration	Horsepower	Temperature Range	Refrigerant	Voltage	Vintage	Pre-Assembly Code
R = Russell	F = Flooded	O = Scroll	N = Single Horizontal (small)	150 = 1.5 HP	E = Extended Medium L - Low M - Medium	4A = Multiple Refrigerants [†]	D - 208-230/1/60	A	NT = No Defrost Timer /Kit ³
	B = Non-Flooded						E - 208-230/3/60		
							G - 460/3/60		
							M - 200-220/1/50 ¹		
							N - 200-220/3/50 ¹		
							Q - 380/3/50 ¹		

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

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

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

[†] Refrigerants are R454A, R454C, R455A and R404A, R407A, R407C, R448A, R449A

CAPACITY DATA (BTUH) // R454A

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°
90°	R*ON060M4A**	YB06KAE	9,920	9,050	8,220	7,430	6,710	6,020	5,390	4,800	4,260	3,770	3,320
	R*ON080M4A**	YB07KAE	11,590	10,600	9,650	8,740	7,910	7,120	6,400	5,740	5,110	4,560	4,050
	R*ON100M4A**	YB08KAE	12,880	11,790	10,770	9,840	8,910	8,050	7,270	6,550	5,850	5,250	4,690
	R*ON130E4A**	YS09KAE	14,070	12,820	11,720	10,730	9,740	8,820	7,980	7,190	6,440	5,810	5,220
	R*ON150E4A**	YS11KAE	17,600	16,040	14,560	13,200	11,940	10,790	9,710	8,720	7,840	7,070	6,390
	R*ON180E4A**	YS12KAE	19,430	17,750	16,160	14,660	13,280	12,020	10,850	9,770	8,800	7,930	7,160
	R*ON200E4A**	YS14KAE	23,400	21,350	19,440	17,670	16,010	14,470	13,040	11,720	10,550	9,490	8,560
	R*ON250E4A**	YS16KAE	25,550	23,350	21,270	19,360	17,550	15,880	14,380	12,930	11,630	10,420	9,430
	R*ON280E4A**	YS19KAE	35,530	32,050	28,880	25,970	23,280	20,850	18,640	16,640	14,980	13,530	12,330
	R*ON300E4A**	YS21KAE	38,920	35,200	31,750	28,590	25,680	23,050	20,620	18,430	16,430	14,830	13,420
	R*ON350E4A**	YS24KAE	42,680	38,660	34,960	31,500	28,310	25,440	22,770	20,340	18,180	16,200	14,650
	R*ON400E4A**	YS26KAE	47,200	42,770	38,720	34,940	31,430	28,250	25,320	22,640	20,330	18,290	16,540
	R*ON450E4A**	YS30KAE	52,090	47,290	42,800	38,710	35,090	31,480	28,300	25,350	22,680	20,210	18,270
	R*ON500E4A**	YS33KAE	59,980	54,800	49,830	45,040	40,590	36,440	32,520	28,850	25,400	22,220	19,300
	R*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°	R*ON060M4A**	YB06KAE	9,510	8,660	7,870	7,120	6,420	5,770	5,160	4,620	4,110	3,650	3,240
	R*ON080M4A**	YB07KAE	11,090	10,140	9,220	8,370	7,570	6,820	6,130	5,490	4,910	4,370	3,900
	R*ON100M4A**	YB08KAE	12,310	11,290	10,310	9,350	8,520	7,700	6,950	6,250	5,620	5,040	4,520
	R*ON130E4A**	YS09KAE	13,430	12,300	11,210	10,230	9,290	8,420	7,600	6,850	6,190	5,580	5,030
	R*ON150E4A**	YS11KAE	16,860	15,350	13,940	12,660	11,450	10,310	9,300	8,360	7,470	6,730	6,060
	R*ON180E4A**	YS12KAE	18,560	16,930	15,440	13,970	12,720	11,470	10,330	9,310	8,380	7,540	6,810
	R*ON200E4A**	YS14KAE	22,420	20,470	18,630	16,890	15,300	13,850	12,500	11,210	10,110	9,100	8,210
	R*ON250E4A**	YS16KAE	24,440	22,340	20,340	18,490	16,790	15,190	13,730	12,370	11,130	10,060	9,110
	R*ON280E4A**	YS19KAE	34,030	30,770	27,670	24,880	22,310	19,990	17,880	15,950	14,330	12,950	11,790
	R*ON300E4A**	YS21KAE	37,310	33,720	30,420	27,380	24,600	22,060	19,750	17,640	15,880	14,330	13,030
	R*ON350E4A**	YS24KAE	40,930	37,030	33,500	30,160	27,130	24,360	21,840	19,540	17,430	15,740	14,260
	R*ON400E4A**	YS26KAE	45,210	41,030	37,070	33,420	30,100	27,060	24,250	21,690	19,490	17,550	15,890
	R*ON450E4A**	YS30KAE	49,860	45,420	41,080	37,170	33,480	30,260	27,130	24,340	21,910	19,750	17,890
	R*ON500E4A**	YS33KAE	57,810	52,820	48,070	43,410	39,160	35,180	31,330	27,790	24,480	21,420	18,600
	R*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) // R454A

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°	R*ON060M4A**	YB06KAE	9,100	8,290	7,530	6,810	6,130	5,510	4,940	4,400	3,930	3,500	-
	R*ON080M4A**	YB07KAE	10,610	9,690	8,820	8,000	7,230	6,520	5,860	5,250	4,690	4,190	-
	R*ON100M4A**	YB08KAE	11,730	10,750	9,830	8,960	8,120	7,340	6,640	5,980	5,370	4,820	-
	R*ON130E4A**	YS09KAE	12,790	11,710	10,710	9,770	8,880	8,030	7,250	6,540	5,890	5,270	-
	R*ON150E4A**	YS11KAE	16,090	14,630	13,330	12,030	10,900	9,840	8,880	7,980	7,150	6,410	-
	R*ON180E4A**	YS12KAE	17,710	16,150	14,710	13,310	12,100	10,950	9,890	8,890	7,990	7,220	-
	R*ON200E4A**	YS14KAE	21,390	19,530	17,790	16,120	14,640	13,230	11,910	10,710	9,620	8,630	-
	R*ON250E4A**	YS16KAE	23,330	21,320	19,410	17,660	16,000	14,510	13,130	11,820	10,640	9,630	-
	R*ON280E4A**	YS19KAE	32,590	29,400	26,490	23,780	21,340	19,110	17,120	15,270	13,610	12,320	-
	R*ON300E4A**	YS21KAE	35,680	32,240	29,110	26,190	23,530	21,110	18,870	16,880	15,180	13,700	-
	R*ON350E4A**	YS24KAE	39,140	35,440	32,000	28,830	25,940	23,270	20,850	18,630	16,760	15,110	-
	R*ON400E4A**	YS26KAE	43,240	39,190	35,400	31,920	28,750	25,860	23,180	20,710	18,670	16,850	-
	R*ON450E4A**	YS30KAE	47,680	43,210	39,120	35,480	31,990	28,770	25,850	23,210	20,750	18,570	-
	R*ON500E4A**	YS33KAE	55,870	50,940	46,320	41,900	37,720	33,840	30,150	26,760	23,660	20,690	-
	R*ON600E4A**	YS40KAE	64,600	59,150	53,840	48,830	44,140	39,610	35,400	31,350	27,610	24,100	-
110°	R*ON060M4A**	YB06KAE	8,250	7,520	6,820	6,170	5,570	5,010	4,490	4,010	-	-	-
	R*ON080M4A**	YB07KAE	9,610	8,770	7,990	7,240	6,560	5,920	5,340	4,790	-	-	-
	R*ON100M4A**	YB08KAE	10,610	9,740	8,880	8,090	7,350	6,650	6,020	5,440	-	-	-
	R*ON130E4A**	YS09KAE	11,560	10,560	9,640	8,810	7,990	7,230	6,530	5,890	-	-	-
	R*ON150E4A**	YS11KAE	14,560	13,220	12,020	10,890	9,870	8,940	8,020	7,220	-	-	-
	R*ON180E4A**	YS12KAE	15,970	14,570	13,270	12,040	10,900	9,860	8,900	8,000	-	-	-
	R*ON200E4A**	YS14KAE	19,360	17,670	16,090	14,600	13,220	11,940	10,780	9,680	-	-	-
	R*ON250E4A**	YS16KAE	21,080	19,260	17,560	15,960	14,460	13,130	11,870	10,700	-	-	-
	R*ON280E4A**	YS19KAE	29,660	26,730	24,050	21,580	19,350	17,340	15,500	13,850	-	-	-
	R*ON300E4A**	YS21KAE	32,450	29,280	26,400	23,740	21,300	19,110	17,100	15,270	-	-	-
	R*ON350E4A**	YS24KAE	35,540	32,140	29,040	26,120	23,500	21,080	18,880	16,870	-	-	-
	R*ON400E4A**	YS26KAE	39,250	35,540	32,130	28,950	26,060	23,390	20,970	18,760	-	-	-
	R*ON450E4A**	YS30KAE	43,150	39,060	35,450	32,020	28,900	26,040	23,400	20,980	-	-	-
	R*ON500E4A**	YS33KAE	51,550	47,070	42,780	38,670	34,850	31,240	27,830	24,680	-	-	-
	R*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 Required†

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

† See page 34 for Additional Compressor Cooling Graph.

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

CAPACITY DATA (BTUH) // R454C

MEDIUM & EXTENDED MEDIUM TEMPERATURE MODELS // 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°	R*ON060M4A**	YB06KAE	8,880	8,070	7,300	6,580	5,910	5,300	4,740	4,230	3,770	3,360	3,000
	R*ON080M4A**	YB07KAE	10,450	9,510	8,630	7,800	7,020	6,290	5,630	5,000	4,410	3,900	3,430
	R*ON100M4A**	YB08KAE	11,700	10,700	9,740	8,840	7,990	7,180	6,440	5,780	5,140	4,570	4,060
	R*ON130E4A**	YS09KAE	12,780	11,590	10,530	9,530	8,590	7,710	6,920	6,210	5,560	4,990	4,490
	R*ON150E4A**	YS11KAE	15,910	14,420	13,020	11,690	10,530	9,450	8,430	7,530	6,760	6,070	5,490
	R*ON180E4A**	YS12KAE	17,460	15,800	14,290	12,880	11,590	10,410	9,300	8,330	7,420	6,660	5,990
	R*ON200E4A**	YS14KAE	21,150	19,170	17,310	15,620	14,060	12,600	11,300	10,070	9,040	8,120	7,340
	R*ON250E4A**	YS16KAE	23,140	21,000	19,010	17,170	15,450	13,860	12,420	11,110	9,900	8,890	8,000
	R*ON280E4A**	YS19KAE	31,360	28,120	25,160	22,470	20,010	17,800	15,790	13,980	12,370	11,120	10,060
	R*ON300E4A**	YS21KAE	34,420	30,930	27,740	24,800	22,120	19,730	17,530	15,550	13,930	12,530	11,390
	R*ON350E4A**	YS24KAE	37,910	34,090	30,590	27,380	24,450	21,800	19,390	17,240	15,450	13,910	12,660
	R*ON400E4A**	YS26KAE	42,020	37,830	33,990	30,430	27,200	24,290	21,620	19,210	17,050	15,070	13,630
	R*ON450E4A**	YS30KAE	46,600	41,910	37,810	33,950	30,460	27,190	24,170	21,600	19,360	17,430	15,810
	R*ON500E4A**	YS33KAE	58,120	52,810	47,880	43,200	38,740	34,580	30,750	27,040	23,730	20,650	17,840
	R*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°	R*ON060M4A**	YB06KAE	8,510	7,720	6,980	6,290	5,650	5,060	4,530	4,040	3,590	3,210	2,880
	R*ON080M4A**	YB07KAE	10,000	9,090	8,250	7,450	6,710	6,020	5,380	4,780	4,220	3,730	3,290
	R*ON100M4A**	YB08KAE	11,210	10,250	9,290	8,420	7,590	6,850	6,150	5,510	4,920	4,390	3,920
	R*ON130E4A**	YS09KAE	12,170	11,040	10,040	9,090	8,170	7,340	6,590	5,900	5,290	4,750	4,280
	R*ON150E4A**	YS11KAE	15,150	13,700	12,410	11,130	10,030	9,000	8,070	7,210	6,470	5,840	5,300
	R*ON180E4A**	YS12KAE	16,590	15,060	13,570	12,230	11,010	9,900	8,880	7,930	7,060	6,360	5,730
	R*ON200E4A**	YS14KAE	20,210	18,300	16,530	14,920	13,410	12,030	10,770	9,640	8,660	7,790	7,060
	R*ON250E4A**	YS16KAE	22,120	20,040	18,110	16,360	14,710	13,210	11,830	10,590	9,460	8,520	7,700
	R*ON280E4A**	YS19KAE	29,970	26,900	24,050	21,470	19,100	16,980	15,080	13,340	11,800	10,620	9,610
	R*ON300E4A**	YS21KAE	32,900	29,580	26,510	23,700	21,140	18,820	16,700	14,830	13,280	11,940	10,850
	R*ON350E4A**	YS24KAE	36,260	32,590	29,230	26,150	23,360	20,790	18,490	16,430	14,710	13,230	12,030
	R*ON400E4A**	YS26KAE	40,150	36,160	32,500	29,070	25,990	23,170	20,610	18,330	16,390	14,720	13,330
	R*ON450E4A**	YS30KAE	44,480	40,150	36,200	32,510	29,130	25,970	23,090	20,540	18,320	16,370	14,710
	R*ON500E4A**	YS33KAE	56,040	50,980	46,140	41,640	37,330	33,290	29,580	26,120	22,880	19,930	17,250
	R*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) // R454C

MEDIUM & EXTENDED MEDIUM TEMPERATURE MODELS // 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°
100°	R*ON060M4A**	YB06KAE	8,130	7,360	6,660	5,990	5,380	4,830	4,310	3,860	3,450	3,090	-
	R*ON080M4A**	YB07KAE	9,540	8,680	7,860	7,100	6,390	5,730	5,120	4,540	4,030	3,570	-
	R*ON100M4A**	YB08KAE	10,680	9,760	8,860	8,020	7,240	6,520	5,860	5,250	4,690	4,180	-
	R*ON130E4A**	YS09KAE	11,590	10,510	9,520	8,630	7,760	6,980	6,270	5,620	5,040	4,520	-
	R*ON150E4A**	YS11KAE	14,480	13,120	11,830	10,600	9,550	8,580	7,690	6,860	6,190	5,600	-
	R*ON180E4A**	YS12KAE	15,810	14,350	12,940	11,640	10,480	9,410	8,440	7,540	6,700	6,060	-
	R*ON200E4A**	YS14KAE	19,220	17,400	15,750	14,210	12,770	11,450	10,250	9,180	8,230	7,410	-
	R*ON250E4A**	YS16KAE	21,090	19,080	17,250	15,560	14,010	12,580	11,250	10,070	8,990	8,100	-
	R*ON280E4A**	YS19KAE	28,630	25,650	22,920	20,460	18,210	16,180	14,350	12,740	11,420	10,300	-
	R*ON300E4A**	YS21KAE	31,420	28,220	25,270	22,580	20,130	17,950	15,920	14,110	12,650	11,390	-
	R*ON350E4A**	YS24KAE	34,610	31,060	27,850	24,930	22,220	19,810	17,620	15,630	14,020	12,630	-
	R*ON400E4A**	YS26KAE	38,300	34,470	30,940	27,680	24,730	22,050	19,620	17,470	15,640	14,080	-
	R*ON450E4A**	YS30KAE	42,450	38,320	34,420	30,770	27,560	24,690	22,010	19,520	17,500	15,720	-
	R*ON500E4A**	YS33KAE	54,160	49,120	44,490	40,030	35,890	32,050	28,440	25,100	22,070	19,250	-
	R*ON600E4A**	YS40KAE	62,930	57,250	51,860	46,940	41,970	37,560	33,450	29,540	25,910	22,580	-
110°	R*ON060M4A**	YB06KAE	7,370	6,670	6,010	5,410	4,850	4,350	3,890	3,470	-	-	-
	R*ON080M4A**	YB07KAE	8,620	7,830	7,090	6,410	5,750	5,160	4,600	4,080	-	-	-
	R*ON100M4A**	YB08KAE	9,590	8,760	7,950	7,220	6,520	5,880	5,290	4,750	-	-	-
	R*ON130E4A**	YS09KAE	10,430	9,470	8,560	7,710	6,960	6,260	5,620	5,040	-	-	-
	R*ON150E4A**	YS11KAE	13,030	11,810	10,660	9,610	8,630	7,740	6,930	6,170	-	-	-
	R*ON180E4A**	YS12KAE	14,180	12,860	11,630	10,450	9,400	8,440	7,580	6,780	-	-	-
	R*ON200E4A**	YS14KAE	17,360	15,710	14,210	12,790	11,490	10,310	9,220	8,250	-	-	-
	R*ON250E4A**	YS16KAE	18,980	17,170	15,500	14,010	12,580	11,280	10,090	9,040	-	-	-
	R*ON280E4A**	YS19KAE	25,890	23,160	20,630	18,390	16,350	14,510	12,870	11,390	-	-	-
	R*ON300E4A**	YS21KAE	28,420	25,480	22,790	20,330	18,110	16,120	14,300	12,680	-	-	-
	R*ON350E4A**	YS24KAE	31,270	28,060	25,140	22,430	19,990	17,810	15,830	14,040	-	-	-
	R*ON400E4A**	YS26KAE	34,630	31,120	27,910	24,940	22,250	19,820	17,650	15,690	-	-	-
	R*ON450E4A**	YS30KAE	38,220	34,420	30,880	27,640	24,760	22,060	19,720	17,560	-	-	-
	R*ON500E4A**	YS33KAE	49,930	45,300	41,010	36,870	33,050	29,470	26,140	23,020	-	-	-
	R*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 Required†

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

† See page 34 for Additional Compressor Cooling Graph.

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

CAPACITY DATA (BTUH) // R455A

MEDIUM & EXTENDED MEDIUM TEMPERATURE MODELS // R455A 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°	R*ON060M4A**	YB06KAE	9,730	8,850	8,000	7,210	6,480	5,800	5,170	4,590	4,060	3,590	3,170
	R*ON080M4A**	YB07KAE	11,460	10,440	9,480	8,570	7,720	6,930	6,210	5,530	4,900	4,340	3,830
	R*ON100M4A**	YB08KAE	12,780	11,660	10,610	9,640	8,730	7,850	7,050	6,300	5,610	4,980	4,410
	R*ON130E4A**	YS09KAE	13,900	12,680	11,450	10,410	9,380	8,440	7,580	6,780	6,080	5,380	4,830
	R*ON150E4A**	YS11KAE	17,430	15,760	14,200	12,820	11,500	10,300	9,240	8,260	7,410	6,670	6,050
	R*ON180E4A**	YS12KAE	19,050	17,270	15,600	14,110	12,690	11,410	10,230	9,140	8,140	7,360	6,650
	R*ON200E4A**	YS14KAE	23,120	21,000	19,010	17,130	15,410	13,830	12,380	11,060	9,860	8,820	7,900
	R*ON250E4A**	YS16KAE	25,320	23,000	20,800	18,820	16,980	15,280	13,680	12,220	10,910	9,780	8,770
	R*ON280E4A**	YS19KAE	34,150	30,690	27,480	24,550	21,870	19,490	17,290	15,330	13,600	12,230	11,070
	R*ON300E4A**	YS21KAE	37,620	33,860	30,390	27,200	24,280	21,630	19,210	17,030	15,110	13,540	12,190
	R*ON350E4A**	YS24KAE	41,430	37,320	33,560	30,040	26,830	23,920	21,270	18,870	16,760	14,840	13,360
	R*ON400E4A**	YS26KAE	45,940	41,460	37,270	33,440	29,860	26,660	23,740	21,120	18,700	16,760	15,060
	R*ON450E4A**	YS30KAE	50,920	45,930	41,460	37,350	33,520	29,840	26,620	23,750	20,960	18,680	16,730
	R*ON500E4A**	YS33KAE	61,080	55,630	50,290	45,470	40,710	36,420	32,250	28,510	25,050	21,760	18,800
	R*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°	R*ON060M4A**	YB06KAE	9,310	8,460	7,650	6,900	6,190	5,540	4,940	4,390	3,860	3,410	-
	R*ON080M4A**	YB07KAE	10,960	9,980	9,060	8,190	7,380	6,630	5,920	5,280	4,680	4,140	-
	R*ON100M4A**	YB08KAE	12,190	11,140	10,110	9,190	8,320	7,490	6,730	6,020	5,370	4,750	-
	R*ON130E4A**	YS09KAE	13,270	12,080	10,960	9,930	8,940	8,050	7,220	6,480	5,780	5,140	-
	R*ON150E4A**	YS11KAE	16,580	14,990	13,480	12,190	10,980	9,840	8,810	7,850	7,010	6,320	-
	R*ON180E4A**	YS12KAE	18,230	16,450	14,950	13,460	12,120	10,900	9,760	8,730	7,770	7,030	-
	R*ON200E4A**	YS14KAE	22,120	20,040	18,150	16,350	14,730	13,220	11,820	10,550	9,420	8,420	-
	R*ON250E4A**	YS16KAE	24,110	21,980	19,890	17,980	16,220	14,560	13,050	11,680	10,450	9,360	-
	R*ON280E4A**	YS19KAE	32,730	29,350	26,270	23,470	20,910	18,600	16,530	14,660	12,980	11,570	-
	R*ON300E4A**	YS21KAE	35,980	32,380	29,040	25,980	23,180	20,650	18,350	16,310	14,400	12,950	-
	R*ON350E4A**	YS24KAE	39,660	35,700	32,060	28,680	25,600	22,840	20,300	18,030	16,040	14,290	-
	R*ON400E4A**	YS26KAE	43,950	39,620	35,610	31,920	28,520	25,450	22,650	20,120	17,980	16,110	-
	R*ON450E4A**	YS30KAE	48,750	43,950	39,520	35,520	31,800	28,510	25,410	22,590	20,040	17,760	-
	R*ON500E4A**	YS33KAE	58,900	53,640	48,560	43,770	39,180	35,030	31,100	27,390	24,050	20,980	-
	R*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 Required[†]

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

[†] See page 34 for Additional Compressor Cooling Graph.[‡] Multiply capacity by .83 when used with 50 Hz power when applicable.

CAPACITY DATA (BTUH) // R455A

MEDIUM & EXTENDED MEDIUM TEMPERATURE MODELS // R455A 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°	R*ON060M4A**	YB06KAE	8,900	8,070	7,300	6,580	5,900	5,280	4,710	4,180	3,710	-	-
	R*ON080M4A**	YB07KAE	10,460	9,530	8,650	7,810	7,030	6,320	5,650	5,000	4,420	-	-
	R*ON100M4A**	YB08KAE	11,620	10,620	9,670	8,730	7,910	7,130	6,400	5,730	5,120	-	-
	R*ON130E4A**	YS09KAE	12,680	11,500	10,430	9,420	8,490	7,640	6,860	6,140	5,480	-	-
	R*ON150E4A**	YS11KAE	15,810	14,320	12,930	11,620	10,440	9,370	8,400	7,480	6,710	-	-
	R*ON180E4A**	YS12KAE	17,410	15,750	14,120	12,770	11,500	10,340	9,260	8,280	7,380	-	-
	R*ON200E4A**	YS14KAE	21,060	19,070	17,280	15,590	14,010	12,560	11,240	10,030	8,940	-	-
	R*ON250E4A**	YS16KAE	22,970	20,910	18,920	17,100	15,410	13,830	12,420	11,090	9,890	-	-
	R*ON280E4A**	YS19KAE	31,260	28,010	25,000	22,310	19,900	17,710	15,720	13,940	12,240	-	-
	R*ON300E4A**	YS21KAE	34,390	30,900	27,690	24,750	22,050	19,650	17,450	15,480	13,840	-	-
	R*ON350E4A**	YS24KAE	37,870	34,050	30,550	27,360	24,380	21,740	19,320	17,140	15,320	-	-
	R*ON400E4A**	YS26KAE	41,960	37,780	33,980	30,420	27,140	24,220	21,550	19,160	16,960	-	-
	R*ON450E4A**	YS30KAE	46,120	41,870	37,600	33,800	30,270	27,100	24,170	21,460	19,060	-	-
	R*ON500E4A**	YS33KAE	56,730	51,610	46,790	42,070	37,740	33,660	29,860	26,380	23,110	-	-
	R*ON600E4A**	YS40KAE	65,730	60,130	54,490	49,190	44,140	39,440	35,110	31,130	27,310	-	-
110°	R*ON060M4A**	YB06KAE	8,060	7,300	6,600	5,940	5,330	4,770	4,250	3,780	-	-	-
	R*ON080M4A**	YB07KAE	9,450	8,600	7,800	7,050	6,340	5,690	5,090	4,530	-	-	-
	R*ON100M4A**	YB08KAE	10,480	9,590	8,700	7,880	7,120	6,420	5,770	5,180	-	-	-
	R*ON130E4A**	YS09KAE	11,340	10,310	9,340	8,410	7,600	6,830	6,130	5,500	-	-	-
	R*ON150E4A**	YS11KAE	14,270	12,830	11,640	10,430	9,380	8,430	7,520	6,730	-	-	-
	R*ON180E4A**	YS12KAE	15,700	14,130	12,670	11,430	10,300	9,250	8,290	7,420	-	-	-
	R*ON200E4A**	YS14KAE	19,010	17,190	15,570	14,010	12,570	11,270	10,090	9,010	-	-	-
	R*ON250E4A**	YS16KAE	20,750	18,830	17,030	15,380	13,850	12,430	11,130	9,950	-	-	-
	R*ON280E4A**	YS19KAE	28,270	25,300	22,620	20,100	17,900	15,910	14,110	12,530	-	-	-
	R*ON300E4A**	YS21KAE	31,060	27,910	24,950	22,240	19,830	17,650	15,660	13,910	-	-	-
	R*ON350E4A**	YS24KAE	34,230	30,740	27,560	24,560	21,920	19,530	17,340	15,370	-	-	-
	R*ON400E4A**	YS26KAE	37,930	34,110	30,520	27,360	24,400	21,750	19,330	17,190	-	-	-
	R*ON450E4A**	YS30KAE	41,870	37,810	33,780	30,370	27,130	24,310	21,630	19,270	-	-	-
	R*ON500E4A**	YS33KAE	52,360	47,590	43,050	38,700	34,670	30,900	27,370	24,200	-	-	-
	R*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 Required[†]

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

[†] See page 34 for Additional Compressor Cooling Graph.

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

CAPACITY DATA (BTUH) // R404A

MEDIUM & EXTENDED MEDIUM TEMPERATURE MODELS // R404A 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°	-20°
90°	R*ON060M4A**	YB06KAE	10,680	9,590	8,680	7,770	6,980	6,330	5,680	5,040	4,390	-	-	-
	R*ON080M4A**	YB07KAE	13,210	11,870	10,750	9,620	8,640	7,830	7,030	6,230	5,420	-	-	-
	R*ON100M4A**	YB08KAE	15,100	13,560	12,280	10,990	9,870	8,960	8,040	7,120	6,210	-	-	-
	R*ON130E4A**	YS09KAE	15,110	14,200	12,980	11,770	10,690	9,780	8,880	7,980	7,070	6,350	5,630	4,450
	R*ON150E4A**	YS11KAE	20,010	18,190	16,640	15,090	13,650	12,460	11,270	10,080	8,890	7,970	7,050	5,530
	R*ON180E4A**	YS12KAE	22,150	20,140	18,520	16,900	15,320	14,000	12,680	11,360	10,040	9,020	7,990	6,290
	R*ON200E4A**	YS14KAE	28,920	26,230	23,710	21,200	19,130	17,430	15,730	14,030	12,330	11,040	9,760	7,650
	R*ON250E4A**	YS16KAE	32,530	29,560	26,390	23,210	21,020	19,180	17,340	15,510	13,670	12,250	10,840	8,510
	R*ON280E4A**	YS19KAE	36,890	33,560	30,680	27,780	25,180	23,020	20,860	18,690	16,520	14,780	13,020	9,810
	R*ON300E4A**	YS21KAE	42,070	38,210	35,220	32,220	29,050	26,460	23,880	21,300	18,710	16,740	14,780	11,570
	R*ON350E4A**	YS24KAE	46,870	42,630	39,080	35,520	32,050	29,220	26,380	23,550	20,710	18,560	16,410	12,840
	R*ON400E4A**	YS26KAE	52,410	47,720	43,790	39,860	36,020	32,860	29,700	26,540	23,380	20,970	18,560	14,580
	R*ON450E4A**	YS30KAE	58,840	53,500	49,210	44,920	40,500	36,890	33,280	29,680	26,070	23,320	20,570	16,090
	R*ON500E4A**	YS33KAE	66,150	60,090	54,710	49,320	44,840	41,100	37,360	33,620	29,870	26,920	23,980	18,980
	R*ON600E4A**	YS40KAE	78,310	71,140	64,980	58,810	53,600	49,250	44,900	40,550	36,200	32,750	29,310	23,420
95°	R*ON060M4A**	YB06KAE	10,150	9,120	8,270	7,410	6,650	6,030	5,410	4,790	4,170	-	-	-
	R*ON080M4A**	YB07KAE	12,560	11,290	10,230	9,170	8,240	7,460	6,690	5,920	5,150	-	-	-
	R*ON100M4A**	YB08KAE	14,360	12,910	11,690	10,480	9,410	8,530	7,650	6,780	5,900	-	-	-
	R*ON130E4A**	YS09KAE	14,460	13,580	12,420	11,250	10,220	9,360	8,490	7,630	6,770	6,080	5,400	4,270
	R*ON150E4A**	YS11KAE	19,190	17,440	15,960	14,470	13,090	11,950	10,800	9,660	8,520	7,640	6,770	5,320
	R*ON180E4A**	YS12KAE	21,220	19,290	17,740	16,200	14,670	13,410	12,150	10,880	9,620	8,640	7,660	6,040
	R*ON200E4A**	YS14KAE	27,750	25,160	22,740	20,330	18,340	16,710	15,090	13,460	11,830	10,600	9,370	7,350
	R*ON250E4A**	YS16KAE	31,180	28,330	25,300	22,260	20,150	18,390	16,630	14,870	13,110	11,750	10,390	8,170
	R*ON280E4A**	YS19KAE	35,360	32,170	29,400	26,620	24,110	22,040	19,960	17,880	15,790	14,110	12,430	9,310
	R*ON300E4A**	YS21KAE	40,380	36,680	33,810	30,930	27,880	25,390	22,910	20,420	17,940	16,060	14,180	11,100
	R*ON350E4A**	YS24KAE	44,980	40,910	37,500	34,080	30,740	28,020	25,300	22,580	19,860	17,800	15,740	12,340
	R*ON400E4A**	YS26KAE	50,270	45,770	42,000	38,230	34,540	31,510	28,480	25,450	22,420	20,110	17,800	14,000
	R*ON450E4A**	YS30KAE	56,500	51,380	47,250	43,120	38,860	35,400	31,930	28,470	25,000	22,370	19,740	15,460
	R*ON500E4A**	YS33KAE	63,430	57,610	52,440	47,260	42,950	39,360	35,760	32,170	28,570	25,760	22,940	18,170
	R*ON600E4A**	YS40KAE	75,050	68,180	62,250	56,320	51,300	47,130	42,950	38,770	34,600	31,320	28,030	22,440

40° 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.

CAPACITY DATA (BTUH) // R404A

MEDIUM & EXTENDED MEDIUM TEMPERATURE MODELS // R404A 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°	-20°
100°	R*ON060M4A**	YB06KAE	–	8,670	7,860	7,050	6,330	5,740	5,140	4,550	3,950	–	–	–
	R*ON080M4A**	YB07KAE	–	10,730	9,730	8,720	7,840	7,110	6,370	5,630	4,890	–	–	–
	R*ON100M4A**	YB08KAE	–	12,260	11,120	9,970	8,960	8,120	7,280	6,440	5,600	–	–	–
	R*ON130E4A**	YS09KAE	–	12,960	11,850	10,730	9,750	8,930	8,100	7,280	6,460	5,810	5,160	4,080
	R*ON150E4A**	YS11KAE	–	16,680	15,250	13,830	12,510	11,420	10,330	9,240	8,150	7,310	6,470	5,090
	R*ON180E4A**	YS12KAE	–	18,430	16,950	15,480	14,020	12,810	11,600	10,390	9,190	8,260	7,330	5,780
	R*ON200E4A**	YS14KAE	–	24,060	21,760	19,450	17,550	15,990	14,430	12,870	11,310	10,140	8,960	7,040
	R*ON250E4A**	YS16KAE	–	27,090	24,190	21,280	19,260	17,580	15,900	14,220	12,540	11,240	9,950	7,820
	R*ON280E4A**	YS19KAE	–	30,740	28,090	25,420	23,050	21,060	19,060	17,060	15,060	13,460	11,840	8,830
	R*ON300E4A**	YS21KAE	–	35,120	32,360	29,600	26,680	24,300	21,920	19,540	17,160	15,360	13,560	10,630
	R*ON350E4A**	YS24KAE	–	39,170	35,890	32,610	29,420	26,810	24,210	21,600	19,000	17,030	15,050	11,820
	R*ON400E4A**	YS26KAE	–	43,790	40,170	36,560	33,020	30,130	27,230	24,330	21,430	19,230	17,030	13,400
	R*ON450E4A**	YS30KAE	–	49,200	45,240	41,280	37,200	33,880	30,560	27,240	23,920	21,410	18,890	14,810
	R*ON500E4A**	YS33KAE	–	55,100	50,140	45,180	41,040	37,590	34,150	30,710	27,260	24,570	21,880	17,350
	R*ON600E4A**	YS40KAE	–	65,170	59,490	53,810	49,000	45,000	41,000	37,000	33,000	29,870	26,750	21,450
110°	R*ON060M4A**	YB06KAE	–	7,820	7,110	6,400	5,760	5,220	4,680	4,140	3,590	–	–	–
	R*ON080M4A**	YB07KAE	–	9,670	8,790	7,910	7,130	6,460	5,790	5,120	4,450	–	–	–
	R*ON100M4A**	YB08KAE	–	11,070	10,060	9,050	8,160	7,390	6,630	5,860	5,100	–	–	–
	R*ON130E4A**	YS09KAE	–	–	–	9,640	8,760	8,030	7,290	6,550	5,810	5,230	4,640	3,680
	R*ON150E4A**	YS11KAE	–	14,440	13,480	12,520	11,310	10,320	9,330	8,350	7,360	6,610	5,860	4,620
	R*ON180E4A**	YS12KAE	–	15,890	14,930	13,980	12,650	11,560	10,470	9,380	8,290	7,450	6,620	5,230
	R*ON200E4A**	YS14KAE	–	20,870	19,250	17,630	15,900	14,490	13,080	11,670	10,250	9,190	8,120	6,400
	R*ON250E4A**	YS16KAE	–	23,470	21,360	19,260	17,420	15,900	14,380	12,850	11,330	10,160	9,000	7,090
	R*ON280E4A**	YS19KAE	–	27,890	25,440	23,000	20,860	19,050	17,230	15,410	13,590	12,130	10,660	7,920
	R*ON300E4A**	YS21KAE	–	30,540	28,710	26,870	24,200	22,030	19,870	17,700	15,540	13,920	12,290	9,660
	R*ON350E4A**	YS24KAE	–	34,030	31,810	29,590	26,660	24,290	21,920	19,560	17,190	15,410	13,630	10,720
	R*ON400E4A**	YS26KAE	–	37,960	35,540	33,120	29,900	27,270	24,640	22,010	19,380	17,380	15,390	12,160
	R*ON450E4A**	YS30KAE	–	42,810	40,140	37,470	33,750	30,730	27,710	24,680	21,660	19,390	17,130	13,450
	R*ON500E4A**	YS33KAE	–	47,810	44,380	40,950	37,150	34,000	30,860	27,710	24,570	22,130	19,690	15,610
	R*ON600E4A**	YS40KAE	–	56,460	52,590	48,720	44,320	40,680	37,040	33,390	29,750	26,930	24,110	19,390

* 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.

CAPACITY DATA (BTUH) // R407A

MEDIUM & EXTENDED MEDIUM TEMPERATURE MODELS // R407A 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°	R*ON060M4A**	YB06KAE	9,790	8,760	7,870	7,030	6,270	5,650	5,020	4,400	3,780	-	-
	R*ON080M4A**	YB07KAE	11,930	10,680	9,590	8,580	7,650	6,890	6,120	5,360	4,600	-	-
	R*ON100M4A**	YB08KAE	13,960	12,500	11,210	10,030	8,940	8,050	7,160	6,270	5,380	-	-
	R*ON130E4A**	YS09KAE	15,270	13,690	12,150	11,050	10,030	9,180	8,340	7,500	6,660	5,950	5,290
	R*ON150E4A**	YS11KAE	18,880	16,920	15,200	13,780	12,480	11,410	10,330	9,260	8,190	7,300	6,480
	R*ON180E4A**	YS12KAE	21,230	19,060	17,130	15,540	14,090	12,900	11,700	10,500	9,310	8,300	7,380
	R*ON200E4A**	YS14KAE	25,930	23,270	21,110	19,110	17,280	15,790	14,300	12,810	11,320	10,100	8,950
	R*ON250E4A**	YS16KAE	28,890	25,900	23,590	21,380	19,340	17,680	16,020	14,370	12,710	11,340	10,060
	R*ON280E4A**	YS19KAE	34,870	31,520	28,510	25,660	23,100	21,000	18,890	16,800	14,690	13,010	11,480
	R*ON300E4A**	YS21KAE	39,230	35,210	31,890	28,830	26,040	23,780	21,520	19,260	16,990	15,150	13,420
	R*ON350E4A**	YS24KAE	44,130	39,570	35,230	31,880	28,810	26,320	23,830	21,330	18,840	16,810	14,890
	R*ON400E4A**	YS26KAE	48,510	43,500	39,150	35,460	32,070	29,310	26,550	23,790	21,030	18,770	16,640
	R*ON450E4A**	YS30KAE	55,840	50,080	45,170	40,850	36,880	33,670	30,470	27,270	24,070	21,450	19,010
	R*ON500E4A**	YS33KAE	60,220	54,950	51,010	46,110	41,420	37,740	34,070	30,400	26,730	23,950	21,310
	R*ON600E4A**	YS40KAE	68,630	62,150	53,530	49,650	45,800	42,140	38,490	34,840	31,180	27,890	24,800
95°	R*ON060M4A**	YB06KAE	9,450	8,460	7,580	6,780	6,040	5,430	4,810	4,200	3,590	-	-
	R*ON080M4A**	YB07KAE	11,530	10,320	9,250	8,270	7,380	6,630	5,880	5,130	4,380	-	-
	R*ON100M4A**	YB08KAE	13,480	12,070	10,820	9,670	8,620	7,740	6,870	6,000	5,120	-	-
	R*ON130E4A**	YS09KAE	14,610	13,090	11,720	10,660	9,670	8,860	8,040	7,220	6,410	5,730	5,090
	R*ON150E4A**	YS11KAE	18,100	16,220	14,680	13,300	12,040	11,000	9,960	8,930	7,890	7,030	6,230
	R*ON180E4A**	YS12KAE	20,340	18,260	16,540	15,010	13,600	12,440	11,280	10,120	8,960	8,000	7,090
	R*ON200E4A**	YS14KAE	24,880	22,320	20,410	18,470	16,680	15,240	13,800	12,360	10,910	9,730	8,620
	R*ON250E4A**	YS16KAE	27,700	24,830	22,790	20,660	18,670	17,070	15,460	13,850	12,250	10,920	9,680
	R*ON280E4A**	YS19KAE	33,730	30,470	27,600	24,870	22,360	20,310	18,270	16,220	14,180	12,560	11,090
	R*ON300E4A**	YS21KAE	37,660	33,800	30,830	27,860	25,150	22,960	20,770	18,570	16,380	14,590	12,920
	R*ON350E4A**	YS24KAE	42,350	37,970	34,050	30,800	27,820	25,410	22,990	20,580	18,160	16,180	14,330
	R*ON400E4A**	YS26KAE	46,530	41,730	37,830	34,260	30,960	28,290	25,620	22,940	20,270	18,080	16,020
	R*ON450E4A**	YS30KAE	53,620	48,090	43,660	39,480	35,630	32,520	29,410	26,310	23,200	20,670	18,300
	R*ON500E4A**	YS33KAE	57,740	52,680	49,240	44,440	39,850	36,380	32,910	29,440	25,980	23,260	20,690
	R*ON600E4A**	YS40KAE	65,770	59,570	52,240	48,440	44,660	41,080	37,510	33,930	30,360	27,130	24,120

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.

CAPACITY DATA (BTUH) // R407A

MEDIUM & EXTENDED MEDIUM TEMPERATURE MODELS // R407A 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°	R*ON060M4A**	YB06KAE	–	8,158	7,313	6,530	5,811	5,209	4,606	4,004	3,401	-	-
	R*ON080M4A**	YB07KAE	–	9,952	8,919	7,970	7,094	6,358	5,623	4,887	4,152	-	-
	R*ON100M4A**	YB08KAE	–	11,632	10,432	9,316	8,283	7,425	6,567	5,709	4,851	-	-
	R*ON130E4A**	YS09KAE	–	12,487	11,287	10,276	9,316	8,528	7,741	6,953	6,165	5,508	4,882
	R*ON150E4A**	YS11KAE	–	15,512	14,146	12,821	11,600	10,597	9,592	8,589	7,584	6,760	5,988
	R*ON180E4A**	YS12KAE	–	17,432	15,940	14,459	13,103	11,984	10,865	9,747	8,627	7,688	6,812
	R*ON200E4A**	YS14KAE	–	21,344	19,696	17,818	16,086	14,691	13,296	11,901	10,505	9,358	8,283
	R*ON250E4A**	YS16KAE	–	23,743	21,991	19,925	18,006	16,451	14,897	13,343	11,788	10,515	9,305
	R*ON280E4A**	YS19KAE	–	29,429	26,612	23,921	21,532	19,570	17,599	15,638	13,666	12,112	10,703
	R*ON300E4A**	YS21KAE	–	32,360	29,742	26,873	24,254	22,131	20,009	17,886	15,763	14,041	12,414
	R*ON350E4A**	YS24KAE	–	36,356	32,850	29,700	26,831	24,492	22,152	19,813	17,474	15,565	13,770
	R*ON400E4A**	YS26KAE	–	39,923	36,481	33,028	29,846	27,264	24,682	22,100	19,518	17,390	15,398
	R*ON450E4A**	YS30KAE	–	46,057	42,135	38,077	34,363	31,353	28,344	25,334	22,324	19,873	17,588
	R*ON500E4A**	YS33KAE	–	50,387	47,570	42,876	38,390	35,091	31,792	28,493	25,193	22,554	20,050
	R*ON600E4A**	YS40KAE	–	56,938	50,950	47,226	43,522	40,025	36,528	33,031	29,533	26,372	23,420
110°	R*ON060M4A**	YB06KAE	–	7,542	6,750	6,009	5,331	4,744	4,157	3,571	2,984	–	–
	R*ON080M4A**	YB07KAE	–	9,191	8,231	7,334	6,499	5,785	5,070	4,355	3,641	–	–
	R*ON100M4A**	YB08KAE	–	10,745	9,618	8,565	7,594	6,760	5,925	5,091	4,256	–	–
	R*ON130E4A**	YS09KAE	–	-	10,422	9,483	8,606	7,874	7,141	6,408	5,675	–	–
	R*ON150E4A**	YS11KAE	–	13,426	13,082	11,851	10,714	9,783	8,852	7,921	6,989	–	–
	R*ON180E4A**	YS12KAE	–	15,033	14,730	13,363	12,101	11,063	10,025	8,987	7,949	–	–
	R*ON200E4A**	YS14KAE	–	18,517	18,246	16,493	14,886	13,586	12,284	10,983	9,681	–	–
	R*ON250E4A**	YS16KAE	–	20,561	20,374	18,454	16,670	15,223	13,775	12,329	10,881	–	–
	R*ON280E4A**	YS19KAE	–	27,311	24,682	22,168	19,956	18,141	16,316	14,500	12,675	–	–
	R*ON300E4A**	YS21KAE	–	28,146	27,561	24,880	22,439	20,462	18,486	16,509	14,532	–	–
	R*ON350E4A**	YS24KAE	–	31,578	30,420	27,488	24,807	22,632	20,457	18,282	16,107	–	–
	R*ON400E4A**	YS26KAE	–	34,613	33,768	30,555	27,603	25,202	22,799	20,398	17,995	–	–
	R*ON450E4A**	YS30KAE	–	40,080	39,037	35,250	31,797	28,994	26,190	23,386	20,582	–	–
	R*ON500E4A**	YS33KAE	–	46,099	45,796	41,206	36,825	33,523	30,222	26,920	23,618	–	–
	R*ON600E4A**	YS40KAE	–	49,322	48,311	44,732	41,186	37,845	34,504	31,164	27,822	–	–

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.

CAPACITY DATA (BTUH) // R407C

MEDIUM & EXTENDED MEDIUM TEMPERATURE MODELS // R407C 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°	R*ON060M4A**	YB06KAE	9,604	8,595	7,694	6,865	6,099	5,462	4,825	4,189	3,552	-	-
	R*ON080M4A**	YB07KAE	11,458	10,283	9,216	8,232	7,321	6,570	5,820	5,069	4,318	-	-
	R*ON100M4A**	YB08KAE	13,280	11,856	10,614	9,496	8,460	7,609	6,757	5,905	5,053	-	-
	R*ON130E4A**	YS09KAE	14,523	13,151	11,546	10,479	9,454	8,520	7,585	6,651	5,716	4,856	4,028
	R*ON150E4A**	YS11KAE	17,956	16,257	14,445	13,078	11,763	10,581	9,397	8,215	7,031	5,964	4,929
	R*ON180E4A**	YS12KAE	20,197	18,308	16,278	14,746	13,296	11,970	10,645	9,320	7,994	6,783	5,612
	R*ON200E4A**	YS14KAE	24,666	22,356	20,068	18,132	16,299	14,655	13,011	11,368	9,723	8,243	6,814
	R*ON250E4A**	YS16KAE	27,482	24,883	22,419	20,285	18,246	16,413	14,580	12,747	10,914	9,257	7,652
	R*ON280E4A**	YS19KAE	31,562	28,497	25,763	23,185	20,855	18,939	17,024	15,108	13,192	11,670	10,283
	R*ON300E4A**	YS21KAE	37,982	34,430	30,848	27,855	24,997	22,463	19,928	17,394	14,859	12,581	10,386
	R*ON350E4A**	YS24KAE	42,207	38,148	33,706	30,568	27,606	24,966	22,325	19,685	17,044	14,590	12,136
	R*ON400E4A**	YS26KAE	46,882	42,466	37,806	34,192	30,734	27,641	24,547	21,453	18,359	15,564	12,861
	R*ON450E4A**	YS30KAE	52,650	47,695	42,559	38,427	34,482	30,985	27,487	23,990	20,493	17,355	14,331
	R*ON500E4A**	YS33KAE	59,629	54,405	50,512	45,655	41,006	37,371	33,737	30,102	26,467	23,713	21,103
	R*ON600E4A**	YS40KAE	67,950	61,540	52,997	49,155	45,345	41,729	38,112	34,496	30,879	27,606	24,552
95°	R*ON060M4A**	YB06KAE	9,283	8,305	7,435	6,627	5,892	5,274	4,655	4,036	3,417	-	-
	R*ON080M4A**	YB07KAE	11,044	9,920	8,895	7,942	7,062	6,335	5,607	4,880	4,152	-	-
	R*ON100M4A**	YB08KAE	12,788	11,442	10,231	9,143	8,160	7,334	6,508	5,683	4,856	-	-
	R*ON130E4A**	YS09KAE	13,984	12,675	11,214	10,200	9,195	8,277	7,357	6,439	5,519	4,660	3,831
	R*ON150E4A**	YS11KAE	17,329	15,709	14,041	12,716	11,453	10,288	9,123	7,958	6,793	5,726	4,691
	R*ON180E4A**	YS12KAE	19,478	17,676	15,822	14,352	12,933	11,629	10,324	9,019	7,714	6,513	5,333
	R*ON200E4A**	YS14KAE	23,827	21,621	19,530	17,655	15,864	14,248	12,633	11,018	9,402	7,922	6,482
	R*ON250E4A**	YS16KAE	26,524	24,044	21,808	19,757	17,759	15,957	14,155	12,354	10,552	8,895	7,280
	R*ON280E4A**	YS19KAE	30,589	27,617	24,956	22,450	20,203	18,370	16,527	14,683	12,840	11,297	9,951
	R*ON300E4A**	YS21KAE	36,708	33,322	30,030	27,120	24,345	21,849	19,353	16,858	14,362	12,095	9,889
	R*ON350E4A**	YS24KAE	40,757	36,874	32,774	29,719	26,840	24,241	21,642	19,043	16,444	13,990	11,546
	R*ON400E4A**	YS26KAE	45,277	41,068	36,781	33,291	29,926	26,880	23,832	20,786	17,738	14,953	12,250
	R*ON450E4A**	YS30KAE	50,905	46,173	41,420	37,423	33,581	30,138	26,695	23,252	19,809	16,682	13,648
	R*ON500E4A**	YS33KAE	57,170	52,158	48,751	43,998	39,463	36,028	32,592	29,158	25,722	23,030	20,482
	R*ON600E4A**	YS40KAE	65,128	58,982	51,734	47,954	44,216	40,678	37,138	33,600	30,061	26,871	23,879

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.

CAPACITY DATA (BTUH) // R407C

MEDIUM & EXTENDED MEDIUM TEMPERATURE MODELS // R407C 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°	R*ON060M4A**	YB06KAE	–	8,015	7,176	6,399	5,685	5,084	4,484	3,883	3,283	-	-
	R*ON080M4A**	YB07KAE	–	9,558	8,574	7,663	6,814	6,107	5,400	4,694	3,987	-	-
	R*ON100M4A**	YB08KAE	–	11,163	10,024	8,967	7,963	7,138	6,311	5,486	4,660	-	-
	R*ON130E4A**	YS09KAE	–	12,095	10,893	9,910	8,936	8,030	7,124	6,218	5,312	4,453	3,614
	R*ON150E4A**	YS11KAE	–	15,025	13,648	12,364	11,132	9,982	8,833	7,683	6,534	5,467	4,432
	R*ON180E4A**	YS12KAE	–	16,879	15,377	13,948	12,571	11,287	10,003	8,719	7,435	6,223	5,033
	R*ON200E4A**	YS14KAE	–	20,679	19,001	17,189	15,429	13,834	12,240	10,645	9,050	7,570	6,120
	R*ON250E4A**	YS16KAE	–	22,998	21,217	19,219	17,272	15,494	13,715	11,937	10,158	8,501	6,876
	R*ON280E4A**	YS19KAE	–	26,726	24,179	21,725	19,550	17,759	15,957	14,166	12,364	10,945	9,630
	R*ON300E4A**	YS21KAE	–	31,893	29,201	26,385	23,682	21,217	18,753	16,288	13,824	11,567	9,340
	R*ON350E4A**	YS24KAE	–	35,300	31,831	28,870	26,064	23,501	20,938	18,375	15,812	13,358	10,893
	R*ON400E4A**	YS26KAE	–	39,287	35,766	32,370	29,098	26,095	23,092	20,089	17,086	14,300	11,567
	R*ON450E4A**	YS30KAE	–	44,216	40,291	36,408	32,680	29,277	25,872	22,468	19,064	15,936	12,892
	R*ON500E4A**	YS33KAE	–	49,890	47,105	42,456	38,013	34,746	31,479	28,212	24,945	22,336	19,851
	R*ON600E4A**	YS40KAE	–	56,373	50,450	46,763	43,098	39,634	36,170	32,706	29,243	26,115	23,185
110°	R*ON060M4A**	YB06KAE	–	7,435	6,658	5,944	5,271	4,704	4,137	3,570	3,003	-	-
	R*ON080M4A**	YB07KAE	–	8,843	7,942	7,104	6,327	5,662	4,996	4,331	3,666	-	-
	R*ON100M4A**	YB08KAE	–	10,345	9,288	8,305	7,393	6,617	5,840	5,064	4,287	-	-
	R*ON130E4A**	YS09KAE	–	-	10,241	9,320	8,408	7,516	6,622	5,729	4,836	-	-
	R*ON150E4A**	YS11KAE	–	12,540	12,851	11,649	10,469	9,343	8,217	7,091	5,964	-	-
	R*ON180E4A**	YS12KAE	–	14,031	14,476	13,140	11,825	10,565	9,304	8,044	6,783	-	-
	R*ON200E4A**	YS14KAE	–	17,282	17,935	16,216	14,538	12,968	11,396	9,825	8,253	-	-
	R*ON250E4A**	YS16KAE	–	19,115	20,016	18,142	16,288	14,536	12,783	11,031	9,278	-	-
	R*ON280E4A**	YS19KAE	–	24,956	22,543	20,265	18,246	16,568	14,890	13,213	11,535	-	-
	R*ON300E4A**	YS21KAE	–	29,574	27,565	24,893	22,315	19,890	17,464	15,039	12,612	-	-
	R*ON350E4A**	YS24KAE	–	30,775	29,978	27,172	24,490	21,982	19,473	16,965	14,456	-	-
	R*ON400E4A**	YS26KAE	–	36,988	33,716	30,527	27,399	24,448	21,497	18,546	15,595	-	-
	R*ON450E4A**	YS30KAE	–	40,571	38,024	34,348	30,785	27,441	24,096	20,751	17,407	-	-
	R*ON500E4A**	YS33KAE	–	45,748	45,345	40,799	36,460	33,191	29,921	26,652	23,382	-	-
	R*ON600E4A**	YS40KAE	–	48,078	47,840	44,288	40,778	37,470	34,161	30,853	27,544	-	-

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.

CAPACITY DATA (BTUH) // R448A, R449A

MEDIUM & EXTENDED MEDIUM TEMPERATURE MODELS // R448A, R449A 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°	R*ON060M4A**	YB06KAE	9,879	8,857	7,949	7,125	6,353	5,725	5,096	4,468	3,839	-	-
	R*ON080M4A**	YB07KAE	12,054	10,808	9,702	8,690	7,751	6,984	6,217	5,451	4,684	-	-
	R*ON100M4A**	YB08KAE	14,094	12,633	11,350	10,161	9,065	8,168	7,271	6,374	5,477	-	-
	R*ON130E4A**	YS09KAE	14,850	13,144	11,580	10,463	9,462	8,662	7,861	7,060	6,259	5,571	4,913
	R*ON150E4A**	YS11KAE	18,470	16,347	14,563	13,123	11,840	10,816	9,790	8,766	7,741	6,885	6,051
	R*ON180E4A**	YS12KAE	20,749	18,392	16,389	14,793	13,363	12,221	11,079	9,936	8,794	7,814	6,885
	R*ON200E4A**	YS14KAE	25,345	22,460	20,207	18,193	16,378	14,957	13,536	12,115	10,693	9,514	8,356
	R*ON250E4A**	YS16KAE	28,125	24,901	22,491	20,269	18,266	16,691	15,116	13,541	11,966	10,641	9,358
	R*ON280E4A**	YS19KAE	35,062	31,755	28,792	26,028	23,430	21,333	19,226	17,129	15,022	13,343	11,799
	R*ON300E4A**	YS21KAE	40,575	36,700	33,299	30,148	27,186	24,666	22,147	19,628	17,108	15,001	13,040
	R*ON350E4A**	YS24KAE	44,847	40,153	35,615	32,172	29,011	26,471	23,931	21,391	18,851	16,900	14,751
	R*ON400E4A**	YS26KAE	51,112	46,193	41,645	37,764	34,102	30,971	27,838	24,706	21,573	18,934	16,483
	R*ON450E4A**	YS30KAE	57,136	51,638	46,652	42,250	38,087	34,559	31,030	27,502	23,973	21,020	18,277
	R*ON500E4A**	YS33KAE	61,538	55,947	51,910	46,986	42,343	38,847	35,349	31,852	28,354	25,725	23,190
	R*ON600E4A**	YS40KAE	70,051	63,218	54,716	50,783	46,965	43,465	39,965	36,465	32,965	29,846	26,904
95°	R*ON060M4A**	YB06KAE	9,530	8,544	7,668	6,864	6,113	5,498	4,882	4,267	3,651	-	-
	R*ON080M4A**	YB07KAE	11,626	10,422	9,347	8,366	7,459	6,708	5,957	5,206	4,454	-	-
	R*ON100M4A**	YB08KAE	13,593	12,185	10,933	9,785	8,721	7,843	6,963	6,085	5,206	-	-
	R*ON130E4A**	YS09KAE	14,219	12,571	11,162	10,098	9,128	8,364	7,600	6,836	6,071	5,435	4,830
	R*ON150E4A**	YS11KAE	17,724	15,669	14,062	12,664	11,423	10,448	9,472	8,497	7,521	6,718	5,936
	R*ON180E4A**	YS12KAE	19,894	17,609	15,825	14,281	12,894	11,804	10,714	9,624	8,533	7,636	6,760
	R*ON200E4A**	YS14KAE	24,343	21,542	19,539	17,567	15,815	14,459	13,103	11,746	10,390	9,295	8,210
	R*ON250E4A**	YS16KAE	26,998	23,868	21,740	19,581	17,630	16,128	14,626	13,123	11,621	10,380	9,191
	R*ON280E4A**	YS19KAE	33,904	30,691	27,833	25,141	22,658	20,624	18,590	16,556	14,521	13,071	11,402
	R*ON300E4A**	YS21KAE	39,026	35,302	32,245	29,168	26,278	23,801	21,323	18,845	16,368	14,292	12,341
	R*ON350E4A**	YS24KAE	43,142	38,536	34,446	31,046	27,926	25,449	22,971	20,494	18,016	16,128	13,948
	R*ON400E4A**	YS26KAE	49,124	44,399	40,309	36,543	32,955	29,877	26,800	23,722	20,645	18,037	15,596
	R*ON450E4A**	YS30KAE	54,966	49,677	45,181	40,883	36,815	33,346	29,877	26,409	22,940	20,019	17,296
	R*ON500E4A**	YS33KAE	58,607	53,297	49,792	45,025	40,528	37,274	34,019	30,764	27,509	24,964	22,502
	R*ON600E4A**	YS40KAE	66,681	60,193	53,109	49,291	45,588	42,201	38,812	35,425	32,037	29,011	26,163

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.

CAPACITY DATA (BTUH) // R448A, R449A

MEDIUM & EXTENDED MEDIUM TEMPERATURE MODELS // R448A, R449A 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°	R*ON060M4A**	YB06KAE	–	8,220	7,375	6,593	5,873	5,268	4,663	4,058	3,453	-	-
	R*ON080M4A**	YB07KAE	–	10,036	9,003	8,043	7,167	6,429	5,691	4,953	4,215	-	-
	R*ON100M4A**	YB08KAE	–	11,726	10,526	9,410	8,377	7,514	6,650	5,788	4,924	-	-
	R*ON130E4A**	YS09KAE	–	11,955	10,735	9,712	8,763	8,041	7,318	6,596	5,873	5,289	4,715
	R*ON150E4A**	YS11KAE	–	14,939	13,530	12,185	10,985	10,056	9,128	8,200	7,271	6,520	5,811
	R*ON180E4A**	YS12KAE	–	16,775	15,231	13,718	12,383	11,353	10,322	9,293	8,262	7,417	6,603
	R*ON200E4A**	YS14KAE	–	20,541	18,830	16,921	15,210	13,922	12,633	11,345	10,056	9,024	8,033
	R*ON250E4A**	YS16KAE	–	22,763	20,937	18,840	16,962	15,533	14,104	12,675	11,246	10,098	8,992
	R*ON280E4A**	YS19KAE	–	29,627	26,862	24,275	21,845	19,894	17,933	15,971	14,010	12,435	10,995
	R*ON300E4A**	YS21KAE	–	33,841	31,160	28,156	25,329	22,893	20,457	18,021	15,585	13,520	11,580
	R*ON350E4A**	YS24KAE	–	36,752	33,163	29,794	26,727	24,310	21,892	19,474	17,056	15,252	13,092
	R*ON400E4A**	YS26KAE	–	42,531	38,943	35,260	31,755	28,730	25,704	22,679	19,654	17,067	14,636
	R*ON450E4A**	YS30KAE	–	47,653	43,668	39,475	35,500	32,082	28,662	25,243	21,824	18,934	16,232
	R*ON500E4A**	YS33KAE	–	50,585	47,758	43,126	38,786	35,740	32,694	29,648	26,602	24,140	21,772
	R*ON600E4A**	YS40KAE	–	57,094	51,461	47,768	44,180	40,904	37,628	34,353	31,077	28,146	25,381
110°	R*ON060M4A**	YB06KAE	–	7,574	6,781	6,051	5,362	4,781	4,199	3,618	3,036	-	-
	R*ON080M4A**	YB07KAE	–	9,243	8,273	7,375	6,541	5,831	5,122	4,413	3,703	-	-
	R*ON100M4A**	YB08KAE	–	10,808	9,670	8,627	7,647	6,817	5,988	5,159	4,329	-	-
	R*ON130E4A**	YS09KAE	–	-	9,796	8,825	7,970	7,323	6,676	6,030	5,383	-	-
	R*ON150E4A**	YS11KAE	–	12,706	12,362	11,089	9,973	9,147	8,320	7,493	6,666	-	-
	R*ON180E4A**	YS12KAE	–	14,219	13,906	12,498	11,256	10,333	9,410	8,486	7,563	-	-
	R*ON200E4A**	YS14KAE	–	17,515	17,223	15,429	13,843	12,688	11,533	10,378	9,222	-	-
	R*ON250E4A**	YS16KAE	–	19,372	19,164	17,192	15,439	14,159	12,878	11,598	10,317	-	-
	R*ON280E4A**	YS19KAE	–	27,499	24,901	22,502	20,217	18,412	16,597	14,782	12,967	-	-
	R*ON300E4A**	YS21KAE	–	29,439	28,897	26,028	23,305	20,935	18,564	16,194	13,822	-	-
	R*ON350E4A**	YS24KAE	–	31,129	30,107	26,821	23,837	21,540	19,242	16,945	14,647	-	-
	R*ON400E4A**	YS26KAE	–	36,888	36,063	32,558	29,210	26,266	23,321	20,377	17,432	-	-
	R*ON450E4A**	YS30KAE	–	41,478	40,487	36,470	32,673	29,345	26,017	22,690	19,362	-	-
	R*ON500E4A**	YS33KAE	–	44,180	43,731	38,035	35,469	32,770	30,070	27,371	24,672	-	-
	R*ON600E4A**	YS40KAE	–	48,561	48,039	44,566	41,217	38,169	35,119	32,071	29,022	-	-

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.

CAPACITY DATA (BTUH) // R454A

LOW TEMPERATURE // R454A SCROLL // 60 HZ[†]

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

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

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

CAPACITY DATA (BTUH) // R454ALOW TEMPERATURE // R454A SCROLL // 60 HZ[‡]

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

 Additional Compressor Cooling Required[†]

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

[†] See page 35 for Additional Compressor Cooling Graph.[‡] Multiply capacity by .83 when used with 50 Hz power when applicable.

CAPACITY DATA (BTUH) // R454C

LOW TEMPERATURE // R454C SCROLL // 60 HZ†

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

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

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

CAPACITY DATA (BTUH) // R454C

LOW TEMPERATURE // R454C SCROLL // 60 HZ†

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

 Additional Compressor Cooling Required†

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

† See page 35 for Additional Compressor Cooling Graph.

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

CAPACITY DATA (BTUH) // R455A

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°	R*ON100L4A**	YF03KAE	4,520	4,000	3,530	3,110	2,740	2,410	2,110	1,840	1,600
	R*ON130L4A**	YF04KAE	6,100	5,410	4,780	4,210	3,710	3,250	2,840	2,480	2,160
	R*ON160L4A**	YF05KAE	7,060	6,290	5,590	4,940	4,370	3,830	3,360	2,940	2,560
	R*ON230L4A**	YF07KAE	10,920	9,710	8,670	7,690	6,790	5,990	5,260	4,600	4,010
	R*ON250L4A**	YF06KSE	12,680	11,360	10,130	8,990	7,950	6,990	6,120	5,320	4,590
	R*ON300L4A**	YF07KSE	14,030	12,590	11,240	10,000	8,840	7,780	6,820	5,940	5,110
	R*ON350L4A**	YF09KSE	17,000	15,310	13,720	12,260	10,860	9,620	8,470	7,370	6,370
	R*ON400L4A**	YF10KAE	21,820	19,430	17,230	15,240	13,400	11,770	10,250	8,930	7,710
	R*ON500L4A**	YF13KAE	26,810	23,920	21,250	18,770	16,550	14,520	12,680	11,020	9,510
	R*ON600L4A**	YF15KAE	31,530	28,080	24,940	22,080	19,480	17,120	14,990	13,050	11,300
95°	R*ON100L4A**	YF03KAE	4,340	3,830	3,370	2,970	2,610	2,310	2,030	1,780	1,540
	R*ON130L4A**	YF04KAE	5,820	5,170	4,570	4,040	3,530	3,110	2,720	2,380	2,070
	R*ON160L4A**	YF05KAE	6,740	6,030	5,340	4,730	4,170	3,670	3,220	2,820	2,450
	R*ON230L4A**	YF07KAE	10,440	9,280	8,290	7,360	6,490	5,740	5,040	4,420	3,840
	R*ON250L4A**	YF06KSE	12,120	10,880	9,700	8,600	7,600	6,680	5,850	5,080	4,390
	R*ON300L4A**	YF07KSE	13,460	12,090	10,770	9,570	8,460	7,440	6,510	5,670	4,870
	R*ON350L4A**	YF09KSE	16,240	14,630	13,110	11,720	10,430	9,190	8,090	7,040	6,080
	R*ON400L4A**	YF10KAE	20,970	18,640	16,550	14,580	12,790	11,240	9,810	8,500	7,370
	R*ON500L4A**	YF13KAE	25,710	22,890	20,320	17,950	15,780	13,880	12,130	10,500	9,060
	R*ON600L4A**	YF15KAE	30,140	26,880	23,870	21,110	18,590	16,370	14,330	12,510	10,820

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

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

CAPACITY DATA (BTUH) // R455A

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°
100°	R*ON100L4A**	YF03KAE	4,150	3,660	3,220	2,840	2,510	2,210	1,940	1,700	1,480
	R*ON130L4A**	YF04KAE	5,550	4,930	4,360	3,850	3,370	2,970	2,610	2,280	1,990
	R*ON160L4A**	YF05KAE	6,430	5,740	5,090	4,520	3,980	3,510	3,080	2,700	2,350
	R*ON230L4A**	YF07KAE	9,940	8,860	7,910	7,020	6,190	5,470	4,820	4,220	3,670
	R*ON250L4A**	YF06KSE	11,630	10,400	9,260	8,230	7,260	6,380	5,580	4,840	4,170
	R*ON300L4A**	YF07KSE	12,840	11,510	10,290	9,150	8,070	7,100	6,210	5,400	4,640
	R*ON350L4A**	YF09KSE	15,520	13,910	12,520	11,200	9,930	8,770	7,700	6,710	5,780
	R*ON400L4A**	YF10KAE	20,080	17,830	15,810	13,930	12,220	10,730	9,360	8,110	7,020
	R*ON500L4A**	YF13KAE	24,580	21,880	19,450	17,160	15,070	13,240	11,580	10,020	8,640
	R*ON600L4A**	YF15KAE	28,830	25,700	22,820	20,180	17,760	15,640	13,690	11,950	10,300
110°	R*ON100L4A**	YF03KAE	3,750	3,310	2,930	-	-	-	-	-	-
	R*ON130L4A**	YF04KAE	5,020	4,450	3,950	-	-	-	-	-	-
	R*ON160L4A**	YF05KAE	5,810	5,180	4,610	-	-	-	-	-	-
	R*ON230L4A**	YF07KAE	8,980	8,030	7,150	-	-	-	-	-	-
	R*ON250L4A**	YF06KSE	10,550	9,430	8,390	-	-	-	-	-	-
	R*ON300L4A**	YF07KSE	11,660	10,450	9,320	-	-	-	-	-	-
	R*ON350L4A**	YF09KSE	14,000	12,670	11,340	-	-	-	-	-	-
	R*ON400L4A**	YF10KAE	18,230	16,110	14,340	-	-	-	-	-	-
	R*ON500L4A**	YF13KAE	22,320	19,870	17,600	-	-	-	-	-	-
	R*ON600L4A**	YF15KAE	26,240	23,340	20,710	-	-	-	-	-	-

20° F Superheat Maximum

Additional Compressor Cooling Required[†]

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

[†] See page 35 for Additional Compressor Cooling Graph.[‡] Multiply capacity by .83 when used with 50 Hz power when applicable.

CAPACITY DATA (BTUH) // R404ALOW TEMPERATURE // R404A SCROLL // 60 HZ[†]

Ambient Temp. (°F)	Model No.	Comp. Model No.	Suction Temperature (°F)								
			0°	-5°	-10°	-15°	-20°	-25°	-30°	-35°	-40°
90°	R*ON100L4A**	YF03KAE	5,139	4,495	3,924	3,436	3,010	2,647	2,325	2,081	1,837
	R*ON130L4A**	YF04KAE	7,111	6,218	5,419	4,703	4,069	3,519	3,052	2,699	2,346
	R*ON160L4A**	YF05KAE	8,512	7,516	6,602	5,782	5,035	4,360	3,768	3,296	2,824
	R*ON230L4A**	YF07KAE	13,288	11,731	10,360	9,115	8,004	6,986	6,052	5,185	4,318
	R*ON250L4A**	YF06KSE	15,333	13,796	12,364	11,045	9,831	8,710	7,682	6,784	5,886
	R*ON300L4A**	YF07KSE	16,807	15,167	13,630	12,208	10,900	9,675	8,554	7,542	6,530
	R*ON350L4A**	YF09KSE	20,139	18,229	16,433	14,731	13,153	11,689	10,329	9,125	7,921
	R*ON400L4A**	YF10KAE	24,883	22,309	19,921	17,710	15,655	13,765	12,032	10,542	9,052
	R*ON500L4A**	YF13KAE	29,721	26,804	24,084	21,561	19,226	17,077	15,084	13,329	11,575
	R*ON600L4A**	YF15KAE	33,967	30,655	27,572	24,696	22,028	19,568	17,295	15,270	13,246
95°	R*ON100L4A**	YF03KAE	4,889	4,277	3,737	3,270	2,865	2,523	2,222	1,988	1,754
	R*ON130L4A**	YF04KAE	6,779	5,928	5,159	4,464	3,862	3,332	2,886	2,559	2,232
	R*ON160L4A**	YF05KAE	8,118	7,163	6,291	5,502	4,786	4,142	3,581	3,130	2,678
	R*ON230L4A**	YF07KAE	12,665	11,211	9,862	8,679	7,609	6,644	5,751	4,915	4,080
	R*ON250L4A**	YF06KSE	14,668	13,205	11,845	10,578	9,416	8,346	7,360	6,493	5,627
	R*ON300L4A**	YF07KSE	16,070	14,513	13,049	11,689	10,433	9,270	8,191	7,220	6,249
	R*ON350L4A**	YF09KSE	19,236	17,419	15,706	14,097	12,582	11,191	9,893	8,741	7,589
	R*ON400L4A**	YF10KAE	23,804	21,333	19,039	16,921	14,938	13,122	11,461	10,023	8,585
	R*ON500L4A**	YF13KAE	28,392	25,600	23,004	20,596	18,364	16,309	14,409	12,732	11,056
	R*ON600L4A**	YF15KAE	32,503	29,347	26,409	23,669	21,125	18,769	16,589	14,648	12,706

* 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.

CAPACITY DATA (BTUH) // R404ALOW TEMPERATURE // R404A SCROLL // 60 HZ[†]

Ambient Temp. (°F)	Model No.	Comp. Model No.	Suction Temperature (°F)								
			0°	-5°	-10°	-15°	-20°	-25°	-30°	-35°	-40°
100°	R*ON100L4A**	YF03KAE	4,651	4,059	3,540	3,104	2,720	2,398	2,118	1,895	1,671
	R*ON130L4A**	YF04KAE	6,447	5,627	4,889	4,225	3,654	3,156	2,730	2,424	2,118
	R*ON160L4A**	YF05KAE	7,734	6,820	5,979	5,211	4,526	3,914	3,384	2,953	2,523
	R*ON230L4A**	YF07KAE	11,585	10,641	9,353	8,232	7,215	6,291	5,440	4,635	3,831
	R*ON250L4A**	YF06KSE	14,004	12,603	11,305	10,101	8,990	7,962	7,018	6,187	5,357
	R*ON300L4A**	YF07KSE	15,322	13,848	12,447	11,160	9,955	8,845	7,817	6,888	5,959
	R*ON350L4A**	YF09KSE	18,322	16,589	14,959	13,433	12,000	10,672	9,436	8,341	7,246
	R*ON400L4A**	YF10KAE	22,693	20,336	18,146	16,111	14,222	12,478	10,879	9,504	8,128
	R*ON500L4A**	YF13KAE	27,032	24,375	21,904	19,610	17,492	15,530	13,724	12,130	10,537
	R*ON600L4A**	YF15KAE	31,029	28,029	25,226	22,620	20,191	17,949	15,862	14,009	12,156
110°	R*ON100L4A**	YF03KAE	4,152	3,623	3,156	2,761	2,429	2,149	1,900	1,706	1,510
	R*ON130L4A**	YF04KAE	5,772	5,014	4,339	3,748	3,218	2,772	2,408	2,144	1,879
	R*ON160L4A**	YF05KAE	6,945	6,104	5,336	4,640	4,007	3,457	2,979	2,595	2,211
	R*ON230L4A**	YF07KAE	10,744	9,447	8,315	7,308	6,405	5,575	4,806	4,075	3,343
	R*ON250L4A**	YF06KSE	12,613	11,357	10,184	9,094	8,087	7,163	6,301	5,549	4,796
	R*ON300L4A**	YF07KSE	13,807	12,468	11,222	10,059	8,980	7,973	7,038	6,197	5,357
	R*ON350L4A**	YF09KSE	16,423	14,866	13,412	12,052	10,775	9,582	8,481	7,500	6,519
	R*ON400L4A**	YF10KAE	20,419	18,302	16,319	14,481	12,779	11,211	9,769	8,518	7,267
	R*ON500L4A**	YF13KAE	24,250	21,862	19,641	17,585	15,675	13,921	12,301	10,869	9,436
	R*ON600L4A**	YF15KAE	28,018	25,319	22,797	20,451	18,281	16,257	14,378	12,706	11,035

*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.

CAPACITY DATA (BTUH) // R407A

LOW TEMPERATURE // R407A SCROLL // 60 HZ[†]

Ambient Temp. (°F)	Model No.	Comp. Model No.	Suction Temperature (°F)								
			0°	-5°	-10°	-15°	-20°	-25°	-30°	-35°	-40°
90°	R*ON100L4A**	YF03KAE	4,259	3,749	3,309	2,921	2,584	2,288	2,033	1,813	1,593
	R*ON130L4A**	YF04KAE	6,006	5,240	4,545	3,932	3,391	2,931	2,543	2,271	1,997
	R*ON160L4A**	YF05KAE	7,129	6,231	5,413	4,688	4,035	3,463	2,982	2,620	2,257
	R*ON230L4A**	YF07KAE	11,031	9,754	8,610	7,589	6,670	5,832	5,066	4,356	3,646
	R*ON250L4A**	YF06KSE	13,094	11,695	10,388	9,182	8,069	7,058	6,128	5,347	4,566
	R*ON300L4A**	YF07KSE	14,473	13,105	11,715	10,357	9,060	7,875	6,833	6,067	5,301
	R*ON350L4A**	YF09KSE	17,885	16,220	14,514	12,829	11,225	9,734	8,437	7,492	6,547
	R*ON400L4A**	YF10KAE	21,429	19,039	16,792	14,698	12,788	11,092	9,642	8,626	7,609
	R*ON500L4A**	YF13KAE	26,168	23,237	20,499	17,997	15,750	13,768	12,083	10,888	9,693
	R*ON600L4A**	YF15KAE	31,142	27,782	24,626	21,674	18,998	16,618	14,565	13,064	11,562
95°	R*ON100L4A**	YF03KAE	4,086	3,606	3,187	2,819	2,492	2,206	1,961	1,745	1,527
	R*ON130L4A**	YF04KAE	5,761	5,015	4,351	3,769	3,248	2,809	2,441	2,184	1,925
	R*ON160L4A**	YF05KAE	6,843	5,975	5,189	4,484	3,861	3,320	2,850	2,513	2,176
	R*ON230L4A**	YF07KAE	10,623	9,366	8,263	7,283	6,394	5,597	4,852	4,162	3,473
	R*ON250L4A**	YF06KSE	12,655	11,297	10,040	8,876	7,793	6,813	5,914	5,153	4,392
	R*ON300L4A**	YF07KSE	13,993	12,676	11,348	10,030	8,774	7,620	6,598	5,848	5,097
	R*ON350L4A**	YF09KSE	17,282	15,689	14,044	12,420	10,857	9,417	8,151	7,226	6,302
	R*ON400L4A**	YF10KAE	20,734	18,385	16,169	14,126	12,277	10,643	9,264	8,314	7,364
	R*ON500L4A**	YF13KAE	25,321	22,461	19,785	17,343	15,147	13,237	11,613	10,469	9,325
	R*ON600L4A**	YF15KAE	30,172	26,893	23,809	20,939	18,334	16,026	14,044	12,604	11,164

* 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.

CAPACITY DATA (BTUH) // R407A

LOW TEMPERATURE // R407A SCROLL // 60 HZ[†]

Ambient Temp. (°F)	Model No.	Comp. Model No.	Suction Temperature (°F)								
			0°	-5°	-10°	-15°	-20°	-25°	-30°	-35°	-40°
100°	R*ON100L4A**	YF03KAE	3,922	3,463	3,064	2,717	2,411	2,135	1,895	1,683	1,471
	R*ON130L4A**	YF04KAE	5,505	4,801	4,157	3,595	3,095	2,676	2,329	2,089	1,849
	R*ON160L4A**	YF05KAE	6,547	5,710	4,954	4,280	3,677	3,166	2,727	2,411	2,094
	R*ON230L4A**	YF07KAE	10,143	8,958	7,895	6,956	6,108	5,342	4,627	3,958	3,289
	R*ON250L4A**	YF06KSE	12,196	10,888	9,673	8,549	7,507	6,557	5,689	4,954	4,218
	R*ON300L4A**	YF07KSE	13,523	12,257	10,970	9,703	8,488	7,375	6,374	5,638	4,903
	R*ON350L4A**	YF09KSE	16,679	15,147	13,574	12,001	10,500	9,111	7,875	6,966	6,057
	R*ON400L4A**	YF10KAE	20,030	17,711	15,546	13,554	11,756	10,194	8,876	7,992	7,109
	R*ON500L4A**	YF13KAE	24,463	21,654	19,049	16,669	14,535	12,676	11,113	10,020	8,927
	R*ON600L4A**	YF15KAE	29,192	25,984	22,982	20,193	17,660	15,423	13,513	12,134	10,755
110°	R*ON100L4A**	YF03KAE	3,616	3,207	2,850	2,543	2,257	2,012	1,787	1,578	1,369
	R*ON130L4A**	YF04KAE	4,995	4,341	3,759	3,238	2,799	2,421	2,114	1,905	1,696
	R*ON160L4A**	YF05KAE	5,965	5,189	4,484	3,871	3,320	2,860	2,472	2,199	1,925
	R*ON230L4A**	YF07KAE	9,172	8,089	7,119	6,261	5,485	4,780	4,126	3,493	2,860
	R*ON250L4A**	YF06KSE	11,246	10,051	8,917	7,875	6,915	6,026	5,230	4,540	3,851
	R*ON300L4A**	YF07KSE	12,573	11,419	10,234	9,060	7,936	6,884	5,945	5,235	4,525
	R*ON350L4A**	YF09KSE	15,454	14,054	12,614	11,174	9,785	8,488	7,323	6,460	5,597
	R*ON400L4A**	YF10KAE	18,538	16,312	14,249	12,369	10,694	9,254	8,069	7,318	6,568
	R*ON500L4A**	YF13KAE	22,655	19,989	17,507	15,250	13,248	11,501	10,051	9,055	8,059
	R*ON600L4A**	YF15KAE	27,169	24,125	21,276	18,651	16,271	14,167	12,390	11,123	9,857

*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.

CAPACITY DATA (BTUH) // R407C

LOW TEMPERATURE // R407C SCROLL // 60 HZ[†]

Ambient Temp. (°F)	Model No.	Comp. Model No.	Suction Temperature (°F)								
			0°	-5°	-10°	-15°	-20°	-25°	-30°	-35°	-40°
90°	R*ON100L4A**	YF03KAE	4,010	3,531	3,114	2,758	2,442	2,168	1,944	1,756	1,567
	R*ON130L4A**	YF04KAE	5,577	4,875	4,234	3,664	3,165	2,738	2,381	2,132	1,883
	R*ON160L4A**	YF05KAE	6,656	5,821	5,068	4,386	3,786	3,257	2,799	2,458	2,117
	R*ON230L4A**	YF07KAE	10,106	8,864	7,816	6,920	6,127	5,414	4,732	4,010	3,287
	R*ON250L4A**	YF06KSE	12,436	11,042	9,780	8,640	7,592	6,646	5,770	5,007	4,244
	R*ON300L4A**	YF07KSE	13,739	12,375	11,032	9,739	8,528	7,419	6,432	5,679	4,926
	R*ON350L4A**	YF09KSE	16,894	15,286	13,658	12,050	10,523	9,108	7,887	7,017	6,147
	R*ON400L4A**	YF10KAE	19,967	17,728	15,601	13,627	11,815	10,218	8,854	7,933	7,012
	R*ON500L4A**	YF13KAE	24,333	21,646	19,092	16,731	14,594	12,701	11,103	10,014	8,925
	R*ON600L4A**	YF15KAE	28,954	25,860	22,908	20,130	17,596	15,347	13,423	12,070	10,716
95°	R*ON100L4A**	YF03KAE	3,857	3,399	3,002	2,656	2,361	2,096	1,873	1,689	1,506
	R*ON130L4A**	YF04KAE	5,373	4,692	4,071	3,521	3,053	2,636	2,300	2,066	1,832
	R*ON160L4A**	YF05KAE	6,412	5,608	4,875	4,223	3,643	3,135	2,697	2,376	2,056
	R*ON230L4A**	YF07KAE	9,729	8,539	7,531	6,666	5,913	5,231	4,559	3,852	3,145
	R*ON250L4A**	YF06KSE	12,019	10,676	9,465	8,355	7,338	6,422	5,577	4,829	4,081
	R*ON300L4A**	YF07KSE	13,291	11,978	10,696	9,444	8,264	7,185	6,218	5,480	4,742
	R*ON350L4A**	YF09KSE	16,334	14,797	13,220	11,673	10,187	8,823	7,623	6,773	5,923
	R*ON400L4A**	YF10KAE	19,336	17,128	15,031	13,098	11,347	9,811	8,518	7,658	6,798
	R*ON500L4A**	YF13KAE	23,570	20,944	18,441	16,131	14,044	12,223	10,676	9,638	8,600
	R*ON600L4A**	YF15KAE	28,078	25,056	22,166	19,458	16,996	14,818	12,955	11,658	10,360

* 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.

CAPACITY DATA (BTUH) // R407CLOW TEMPERATURE // R407C SCROLL // 60 HZ[†]

Ambient Temp. (°F)	Model No.	Comp. Model No.	Suction Temperature (°F)								
			0°	-5°	-10°	-15°	-20°	-25°	-30°	-35°	-40°
100°	R*ON100L4A**	YF03KAE	3,715	3,277	2,890	2,565	2,269	2,025	1,812	1,633	1,455
	R*ON130L4A**	YF04KAE	5,160	4,498	3,908	3,379	2,931	2,534	2,219	2,000	1,781
	R*ON160L4A**	YF05KAE	6,157	5,384	4,681	4,050	3,491	3,002	2,595	2,290	1,985
	R*ON230L4A**	YF07KAE	9,353	8,203	7,246	6,422	5,699	5,038	4,396	3,704	3,012
	R*ON250L4A**	YF06KSE	11,612	10,309	9,129	8,060	7,083	6,198	5,384	4,661	3,938
	R*ON300L4A**	YF07KSE	12,874	11,602	10,350	9,149	8,009	6,971	6,025	5,302	4,580
	R*ON350L4A**	YF09KSE	15,805	14,319	12,803	11,296	9,862	8,539	7,378	6,539	5,699
	R*ON400L4A**	YF10KAE	18,716	16,527	14,482	12,589	10,889	9,404	8,172	7,373	6,574
	R*ON500L4A**	YF13KAE	22,827	20,232	17,800	15,540	13,505	11,724	10,238	9,246	8,254
	R*ON600L4A**	YF15KAE	27,244	24,262	21,443	18,807	16,405	14,289	12,497	11,256	10,014
110°	R*ON100L4A**	YF03KAE	3,419	3,023	2,666	2,361	2,096	1,873	1,674	1,504	1,333
	R*ON130L4A**	YF04KAE	4,722	4,122	3,572	3,094	2,677	2,331	2,046	1,857	1,669
	R*ON160L4A**	YF05KAE	5,658	4,936	4,285	3,704	3,196	2,758	2,381	2,117	1,852
	R*ON230L4A**	YF07KAE	8,579	7,531	6,656	5,913	5,251	4,651	4,050	3,389	2,727
	R*ON250L4A**	YF06KSE	10,747	9,546	8,447	7,450	6,554	5,730	4,977	4,305	3,633
	R*ON300L4A**	YF07KSE	12,019	10,849	9,699	8,579	7,521	6,544	5,658	4,961	4,264
	R*ON350L4A**	YF09KSE	14,736	13,352	11,948	10,554	9,210	7,979	6,869	6,076	5,282
	R*ON400L4A**	YF10KAE	17,403	15,296	13,332	11,541	9,953	8,579	7,470	6,788	6,106
	R*ON500L4A**	YF13KAE	21,250	18,777	16,436	14,289	12,365	10,686	9,302	8,406	7,511
	R*ON600L4A**	YF15KAE	25,493	22,644	19,947	17,443	15,174	13,169	11,500	10,375	9,251

*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.

CAPACITY DATA (BTUH) // R448A, R449ALOW TEMPERATURE // R448A, R449A SCROLL // 60 HZ[†]

Ambient Temp. (°F)	Model No.	Comp. Model No.	Suction Temperature (°F)								
			0°	-5°	-10°	-15°	-20°	-25°	-30°	-35°	-40°
90°	R*ON100L4A**	YF03KAE	4,459	3,938	3,478	3,079	2,731	2,424	2,148	1,902	1,657
	R*ON130L4A**	YF04KAE	6,229	5,462	4,776	4,153	3,600	3,109	2,700	2,388	2,076
	R*ON160L4A**	YF05KAE	7,374	6,495	5,697	4,961	4,306	3,713	3,201	2,792	2,383
	R*ON230L4A**	YF07KAE	11,200	9,860	8,694	7,671	6,771	5,963	5,216	4,526	3,836
	R*ON250L4A**	YF06KSE	13,675	12,202	10,831	9,573	8,428	7,385	6,413	5,590	4,766
	R*ON300L4A**	YF07KSE	15,178	13,583	12,100	10,739	9,481	8,346	7,323	6,423	5,523
	R*ON350L4A**	YF09KSE	18,727	16,794	14,974	13,286	11,752	10,320	9,052	7,947	6,843
	R*ON400L4A**	YF10KAE	22,982	20,384	18,012	15,823	13,838	12,049	10,463	9,190	7,916
	R*ON500L4A**	YF13KAE	28,004	24,895	22,031	19,433	17,081	14,974	13,102	11,578	10,054
	R*ON600L4A**	YF15KAE	33,302	29,712	26,419	23,371	20,599	18,093	15,843	13,951	12,059
95°	R*ON100L4A**	YF03KAE	4,286	3,795	3,355	2,976	2,639	2,342	2,066	1,826	1,585
	R*ON130L4A**	YF04KAE	5,983	5,247	4,582	3,989	3,457	2,987	2,598	2,306	2,015
	R*ON160L4A**	YF05KAE	7,088	6,239	5,462	4,756	4,122	3,559	3,068	2,680	2,291
	R*ON230L4A**	YF07KAE	10,739	9,471	8,356	7,374	6,515	5,738	5,022	4,352	3,682
	R*ON250L4A**	YF06KSE	13,245	11,813	10,494	9,287	8,162	7,149	6,208	5,405	4,603
	R*ON300L4A**	YF07KSE	14,728	13,163	11,742	10,412	9,205	8,101	7,098	6,224	5,349
	R*ON350L4A**	YF09KSE	18,165	16,283	14,524	12,898	11,394	10,023	8,776	7,707	6,638
	R*ON400L4A**	YF10KAE	22,092	19,587	17,275	15,178	13,286	11,588	10,095	8,909	7,722
	R*ON500L4A**	YF13KAE	26,941	23,954	21,192	18,697	16,436	14,442	12,662	11,220	9,778
	R*ON600L4A**	YF15KAE	32,075	28,628	25,457	22,543	19,883	17,500	15,362	13,573	11,783

* 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.

CAPACITY DATA (BTUH) // R448A, R449ALOW TEMPERATURE // R448A, R449A SCROLL // 60 HZ[†]

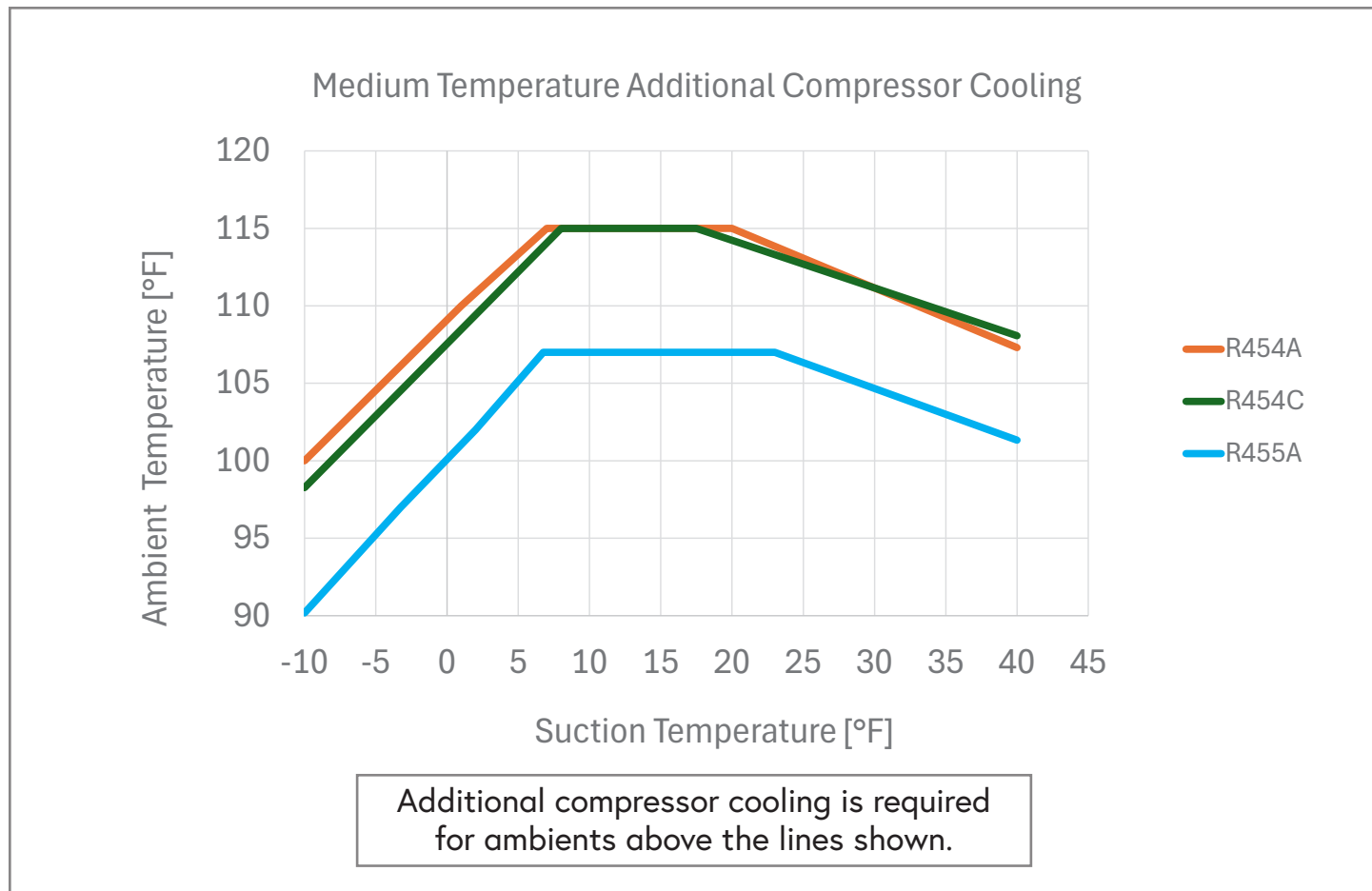
Ambient Temp. (°F)	Model No.	Comp. Model No.	Suction Temperature (°F)								
			0°	-5°	-10°	-15°	-20°	-25°	-30°	-35°	-40°
100°	R*ON100L4A**	YF03KAE	4,122	3,641	3,232	2,864	2,547	2,260	1,994	1,754	1,514
	R*ON130L4A**	YF04KAE	5,738	5,032	4,388	3,815	3,304	2,864	2,496	2,214	1,933
	R*ON160L4A**	YF05KAE	6,802	5,983	5,237	4,562	3,948	3,406	2,935	2,567	2,199
	R*ON230L4A**	YF07KAE	10,330	9,082	8,009	7,078	6,249	5,513	4,838	4,188	3,539
	R*ON250L4A**	YF06KSE	12,805	11,425	10,146	8,980	7,896	6,914	6,004	5,221	4,439
	R*ON300L4A**	YF07KSE	14,268	12,754	11,363	10,085	8,909	7,855	6,873	6,024	5,175
	R*ON350L4A**	YF09KSE	17,582	15,751	14,053	12,478	11,036	9,717	8,510	7,472	6,433
	R*ON400L4A**	YF10KAE	21,182	18,758	16,539	14,534	12,734	11,138	9,737	8,643	7,548
	R*ON500L4A**	YF13KAE	25,836	22,962	20,333	17,950	15,792	13,890	12,212	10,857	9,502
	R*ON600L4A**	YF15KAE	30,817	27,503	24,476	21,694	19,178	16,907	14,892	13,215	11,537
110°	R*ON100L4A**	YF03KAE	3,795	3,365	2,987	2,639	2,342	2,076	1,831	1,601	1,371
	R*ON130L4A**	YF04KAE	5,206	4,562	3,979	3,457	2,997	2,598	2,260	2,020	1,780
	R*ON160L4A**	YF05KAE	6,188	5,431	4,746	4,122	3,570	3,079	2,649	2,322	1,994
	R*ON230L4A**	YF07KAE	9,359	8,244	7,272	6,433	5,687	5,022	4,408	3,815	3,222
	R*ON250L4A**	YF06KSE	11,916	10,647	9,461	8,377	7,374	6,454	5,615	4,869	4,122
	R*ON300L4A**	YF07KSE	13,317	11,905	10,596	9,410	8,336	7,344	6,433	5,636	4,838
	R*ON350L4A**	YF09KSE	16,375	14,657	13,071	11,619	10,279	9,062	7,937	6,965	5,994
	R*ON400L4A**	YF10KAE	19,239	17,019	15,025	13,235	11,639	10,259	9,082	8,193	7,303
	R*ON500L4A**	YF13KAE	23,504	20,906	18,533	16,395	14,493	12,805	11,353	10,192	9,031
	R*ON600L4A**	YF15KAE	28,168	25,181	22,450	19,986	17,766	15,761	14,012	12,570	11,128

*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.

ADDITIONAL COMPRESSOR COOLING GRAPH

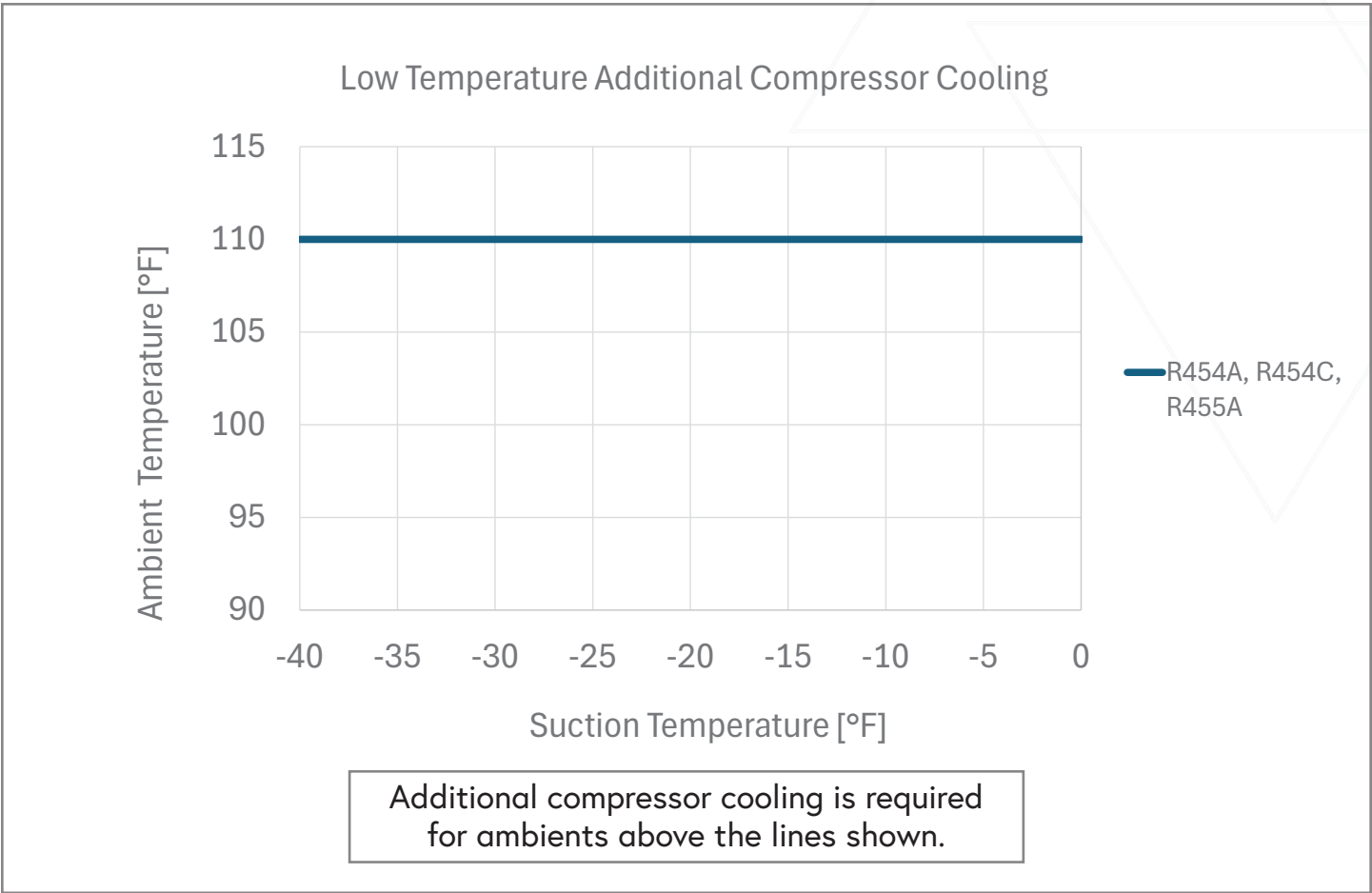
MEDIUM TEMPERATURE MODELS



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

ELECTRICAL DATA // ALL MODELS

208-230V/1/60 Hz											
Model No.	Comp. Model No.	Compressor		Cond. Fan FLA	Air Defrost/No Defrost Provisions		Max Evap. Fan Amps [†]	Max Defrost Amps [†]	Electric Defrost		Electric Defrost Kit [†]
		RLA	LRA		MCA	MOPD			MCA	MOPD	
R*ON060M4A**	YB06KAE	5.4	35.7	0.6	15.0	15	4	15	19.8	20	ED-5
R*ON080M4A**	YB07KAE	5.6	48.0	0.6	15.0	15	4	15	19.8	20	ED-5
R*ON100M4A**	YB08KAE	7.2	47.2	0.6	15.0	15	4	15	19.8	20	ED-5
R*ON130E4A**	YS09KAE	9.0	40.3	0.6	15.0	20	4	15	19.8	25	ED-5
R*ON150E4A**	YS11KAE	11.3	55.0	1.2	16.3	25	6	20	26.0	30	ED-6
R*ON180E4A**	YS12KAE	10.8	56.0	1.2	15.7	25	6	20	26.0	30	ED-6
R*ON200E4A**	YS14KAE	14.1	68.0	1.2	19.8	30	10	25	32.3	40	ED-7
R*ON250E4A**	YS16KAE	16.2	75.0	1.2	22.5	35	10	25	32.5	45	ED-7
R*ON280E4A**	YS19KAE	17.8	88.0	5.2	28.5	45	12	30	40.5	50	ED-10
R*ON300E4A**	YS21KAE	20.8	112.0	5.2	32.2	50	12	30	44.2	60	ED-10
R*ON350E4A**	YS24KAE	21.2	104.0	5.2	32.7	50	12	30	44.7	60	ED-10
R*ON400E4A**	YS26KAE	23.4	137.0	5.2	35.5	50	12	30	47.5	70	ED-10
R*ON450E4A**	YS30KAE	23.0	146.0	5.2	35.0	50	12	30	47.0	70	ED-10
R*ON500E4A**	YS33KAE	28.5	169.0	5.2	41.8	70	12	30	53.8	80	ED-10
R*ON100L4A**	YF03KAE	5.4	42.3	0.6	15.0	15	4	15	19.8	20	ED-5
R*ON130L4A**	YF04KAE	6.6	40.3	0.6	15.0	15	4	15	19.8	20	ED-5
R*ON160L4A**	YF05KAE	7.8	55.0	0.6	15.0	15	4	15	19.8	20	ED-5
R*ON230L4A**	YF07KAE	12.4	75.0	1.2	17.7	30	6	25	32.3	35	ED-7

208-230V/1/60 Hz, 200-220V/1/50 Hz											
Model No.	Comp. Model No.	Compressor		Cond. Fan FLA	Air Defrost/No Defrost Provisions		Max Evap. Fan Amps [†]	Max Defrost Amps [†]	Electric Defrost		Electric Defrost Kit [†]
		RLA	LRA		MCA	MOPD			MCA	MOPD	
R*ON250L4A**	YF06KSE	14.7	73.0	1.2	20.6	35	10	25	32.3	45	ED-7
R*ON300L4A**	YF07KSE	12.8	88.0	1.2	18.2	30	10	25	32.3	40	ED-7
R*ON350L4A**	YF09KSE	16.3	109.0	1.2	22.6	35	10	30	38.5	45	ED-10
R*ON400L4A**	YF10KAE	22.4	129.0	5.2	34.2	50	12	30	46.2	60	ED-10
R*ON500L4A**	YF13KAE	24.7	169.0	5.2	37.1	60	12	30	49.1	70	ED-10

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

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

MCA includes 1 amp allowance for control circuit requirement.

[†] Maximum Evap. fan amps and maximum defrost amps are shown to provide ratings when electric defrost is required and is an optional feature.

Maximum Amp value used to determine MOPD. Exceeding these values invalidates the listed MOPD and requires a revised calculation.

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

ELECTRICAL DATA // ALL MODELS

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 [†]	Max Defrost Amps [†]	Electric Defrost		Electric Defrost Kit [†]
		RLA	LRA		MCA	MOPD			MCA	MOPD	
R*ON060M4A**	YB06KAE	4.3	37.8	0.6	15.0	15	4	15	19.8	20	ED-5
R*ON080M4A**	YB07KAE	4.7	37.8	0.6	15.0	15	4	15	19.8	20	ED-5
R*ON100M4A**	YB08KAE	4.7	37.8	0.6	15.0	15	4	15	19.8	20	ED-5
R*ON130E4A**	YS09KAE	7.2	55.4	0.6	15.0	15	4	15	19.8	20	ED-5
R*ON150E4A**	YS11KAE	9.3	58	1.2	15.0	20	6	15	19.8	25	ED-5
R*ON180E4A**	YS12KAE	8.7	58	1.2	15.0	20	6	15	19.8	25	ED-5
R*ON200E4A**	YS14KAE	9.6	58	1.2	15.0	20	10	20	26.0	30	ED-6
R*ON250E4A**	YS16KAE	12.3	73	1.2	17.6	25	10	25	32.3	35	ED-7
R*ON280E4A**	YS19KAE	10.8	76.9	5.2	19.7	30	12	25	32.3	40	ED-7
R*ON300E4A**	YS21KAE	13.7	93	5.2	23.3	35	12	25	35.3	45	ED-7
R*ON350E4A**	YS24KAE	13.9	93	5.2	23.6	35	12	25	35.6	45	ED-7
R*ON400E4A**	YS26KAE	18.4	114	5.2	29.2	45	12	30	41.2	50	ED-11
R*ON450E4A**	YS30KAE	20	114	5.2	31.2	50	12	30	43.2	60	ED-11
R*ON500E4A**	YS33KAE	19.2	123	5.2	30.2	45	12	30	42.2	60	ED-11
R*ON600E4A**	YS40KAE	21.5	156	5.2	33.1	50	12	30	45.1	60	ED-11
R*ON100L4A**	YF03KAE	3.7	31.7	0.6	15.0	15	4	15	19.8	20	ED-5
R*ON130L4A**	YF04KAE	6	55.4	0.6	15.0	15	4	15	19.8	20	ED-5
R*ON160L4A**	YF05KAE	6.6	58	0.6	15.0	15	4	15	19.8	20	ED-5
R*ON230L4A**	YF07KAE	7.8	58	1.2	15.0	15	6	15	19.8	25	ED-5
R*ON250L4A**	YF06KSE	8.7	63	1.2	15.0	20	10	20	26.0	30	ED-6
R*ON300L4A**	YF07KSE	8.7	83	1.2	15.0	20	10	20	26.0	30	ED-6
R*ON350L4A**	YF09KSE	10.9	88	1.2	15.8	25	10	25	32.3	35	ED-7
R*ON400L4A**	YF10KAE	11.9	99	5.2	21.1	30	12	25	33.1	45	ED-7
R*ON500L4A**	YF13KAE	17	123	5.2	27.5	40	12	30	39.5	50	ED-11
R*ON600L4A**	YF15KAE	19.6	156	5.2	30.7	50	12	30	42.7	60	ED-11

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

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

MCA includes 1 amp allowance for control circuit requirement.

[†] Maximum Evap. fan amps and maximum defrost amps are shown to provide ratings when electric defrost is required and is an optional feature.

Maximum Amp value used to determine MOPD. Exceeding these values invalidates the listed MOPD and requires a revised calculation.

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

ELECTRICAL DATA // ALL MODELS

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 [†]	Max Defrost Amps [†]	Electric Defrost		Electric Defrost Kit [†]
		RLA	LRA		MCA	MOPD			MCA	MOPD	
R*ON130E4A**	YS09KAE	3.4	27	0.6	15.0	15	2	15	19.8	20	ED-17
R*ON150E4A**	YS11KAE	3.8	28	1.2	15.0	15	3	15	19.8	20	ED-17
R*ON180E4A**	YS12KAE	4.3	29	1.2	15.0	15	3	15	19.8	20	ED-17
R*ON200E4A**	YS14KAE	4.8	29	1.2	15.0	15	5	15	19.8	20	ED-17
R*ON250E4A**	YS16KAE	5.8	38	1.2	15.0	15	5	15	19.8	20	ED-17
R*ON280E4A**	YS19KAE	4.9	41.6	3.1	15.0	15	6	15	19.8	20	ED-17
R*ON300E4A**	YS21KAE	6.2	48	3.1	15.0	15	6	15	19.8	20	ED-17
R*ON350E4A**	YS24KAE	6.2	48	3.1	15.0	15	6	15	19.8	20	ED-17
R*ON400E4A**	YS26KAE	8.4	58	3.1	15.0	20	6	15	20.6	25	ED-17
R*ON450E4A**	YS30KAE	9	52	3.1	15.4	20	6	20	26.0	30	ED-18
R*ON500E4A**	YS33KAE	8.7	62	3.1	15.0	20	6	20	26.0	30	ED-18
R*ON600E4A**	YS40KAE	8.3	75	3.1	15.0	20	6	20	26.0	30	ED-18
R*ON230L4A**	YF07KAE	3.6	28	1.2	15.0	15	3	15	19.8	20	ED-17
R*ON250L4A**	YF06KSE	4.5	31	1.2	15.0	15	5	15	19.8	20	ED-17
R*ON300L4A**	YF07KSE	4.5	39	1.2	15.0	15	5	15	19.8	20	ED-17
R*ON350L4A**	YF09KSE	5.8	44	1.2	15.0	15	5	15	19.8	20	ED-17
R*ON400L4A**	YF10KAE	6.4	49.5	3.1	15.0	15	6	15	19.8	20	ED-17
R*ON500L4A**	YF13KAE	8	62	3.1	15.0	20	6	15	20.1	25	ED-17
R*ON600L4A**	YF15KAE	8	62	3.1	15.0	20	6	15	20.1	25	ED-17

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

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

MCA includes 1 amp allowance for control circuit requirement.

[†] Maximum Evap. fan amps and maximum defrost amps are shown to provide ratings when electric defrost is required and is an optional feature.

Maximum Amp value used to determine MOPD. Exceeding these values invalidates the listed MOPD and requires a revised calculation.

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

SPECIFICATIONS

MEDIUM & EXTENDED MEDIUM TEMPERATURE SCROLL // R454A, R445C, R455A

Model No.	Comp. Model No.	HP	Connections (In.)		Pump Down Capacity (lbs)					
			Liquid	Suction	Standard Receiver			Oversized Receiver		
					90% R454A	90% R454C	90% R455A	90% R454A	90% R454C	90% R455A
R*ON060M4A**	YB06KAE	1/2	3/8	5/8	10.8	11.0	10.9	13.3	13.6	13.5
R*ON080M4A**	YB07KAE	3/4	3/8	5/8	10.8	11.0	10.9	13.3	13.6	13.5
R*ON100M4A**	YB08KAE	1	3/8	5/8	10.8	11.0	10.9	13.3	13.6	13.5
R*ON130E4A**	YS09KAE	1	3/8	5/8	10.8	11.0	10.9	13.3	13.6	13.5
R*ON150E4A**	YS11KAE	1-1/4	1/2	7/8	13.3	13.6	13.5	17.0	17.4	17.2
R*ON180E4A**	YS12KAE	1-1/2	1/2	7/8	13.3	13.6	13.5	17.0	17.4	17.2
R*ON200E4A**	YS14KAE	2	1/2	7/8	14.9	15.2	15.0	20.5	20.9	20.7
R*ON250E4A**	YS16KAE	2-1/2	1/2	7/8	14.9	15.2	15.0	20.5	20.9	20.7
R*ON280E4A**	YS19KAE	2-3/4	5/8	1-1/8	27.4	27.9	27.7	37.1	37.8	37.5
R*ON300E4A**	YS21KAE	3	5/8	1-1/8	27.4	27.9	27.7	37.1	37.8	37.5
R*ON350E4A**	YS24KAE	3-1/2	5/8	1-1/8	27.4	27.9	27.7	37.1	37.8	37.5
R*ON400E4A**	YS26KAE	4	5/8	1-1/8	27.4	27.9	27.7	37.1	37.8	37.5
R*ON450E4A**	YS30KAE	4-1/2	5/8	1-1/8	27.4	27.9	27.7	37.1	37.8	37.5
R*ON500E4A**	YS33KAE	5	5/8	1-1/8	27.4	27.9	27.7	37.1	37.8	37.5
R*ON600E4A**	YS40KAE	6	5/8	1-1/8	27.4	27.9	27.7	37.1	37.8	37.5

MEDIUM & EXTENDED MEDIUM TEMPERATURE SCROLL // R404A, R407A, R407C, R448A, R449A

Model No.	Comp. Model No.	HP	Connections (In.)		Pump Down Capacity (lbs)							
			Liquid	Suction	Standard Receiver				Oversized Receiver			
					90% R404A	90% R407A	90% R407C	90% R448A/R449A	90% R404A	90% R407A	90% R407C	90% R448A/R449A
R*ON060M4A**	YB06KAE	1/2	3/8	5/8	11.1	12.1	12.0	11.6	13.6	14.9	14.8	14.3
R*ON080M4A**	YB07KAE	3/4	3/8	5/8	11.1	12.1	12.0	11.6	13.6	14.9	14.8	14.3
R*ON100M4A**	YB08KAE	1	3/8	5/8	11.1	12.1	12.0	11.6	13.6	14.9	14.8	14.3
R*ON130E4A**	YS09KAE	1	3/8	5/8	11.1	12.1	12.0	11.6	13.6	14.9	14.8	14.3
R*ON150E4A**	YS11KAE	1-1/4	1/2	7/8	13.6	14.9	14.8	14.3	17.4	19.1	18.9	18.3
R*ON180E4A**	YS12KAE	1-1/2	1/2	7/8	13.6	14.9	14.8	14.3	17.4	19.1	18.9	18.3
R*ON200E4A**	YS14KAE	2	1/2	7/8	15.2	16.7	16.5	16.0	21.0	23.0	22.8	22.0
R*ON250E4A**	YS16KAE	2-1/2	1/2	7/8	15.2	16.7	16.5	16.0	21.0	23.0	22.8	22.0
R*ON280E4A**	YS19KAE	2-3/4	5/8	1-1/8	28.0	30.7	30.5	29.4	37.9	41.5	41.2	39.8
R*ON300E4A**	YS21KAE	3	5/8	1-1/8	28.0	30.7	30.5	29.4	37.9	41.5	41.2	39.8
R*ON350E4A**	YS24KAE	3-1/2	5/8	1-1/8	28.0	30.7	30.5	29.4	37.9	41.5	41.2	39.8
R*ON400E4A**	YS26KAE	4	5/8	1-1/8	28.0	30.7	30.5	29.4	37.9	41.5	41.2	39.8
R*ON450E4A**	YS30KAE	4-1/2	5/8	1-1/8	28.0	30.7	30.5	29.4	37.9	41.5	41.2	39.8
R*ON500E4A**	YS33KAE	5	5/8	1-1/8	28.0	30.7	30.5	29.4	37.9	41.5	41.2	39.8
R*ON600E4A**	YS40KAE	6	5/8	1-1/8	28.0	30.7	30.5	29.4	37.9	41.5	41.2	39.8

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

SPECIFICATIONS

LOW TEMPERATURE SCROLL // R454A, R445C, R455A

Model No.	Comp. Model No.	HP	Connections (In.)		Pump Down Capacity (lbs)					
			Liquid	Suction	Standard Receiver			Oversized Receiver		
					90% R454A	90% R454C	90% R455A	90% R454A	90% R454C	90% R455A
R*ON100L4A**	YF03KAE	1	3/8	5/8	10.8	11.0	10.9	13.3	13.6	13.5
R*ON130L4A**	YF04KAE	1-1/3	3/8	5/8	10.8	11.0	10.9	13.3	13.6	13.5
R*ON160L4A**	YF05KAE	1-1/2	3/8	5/8	10.8	11.0	10.9	13.3	13.6	13.5
R*ON230L4A**	YF07KAE	2-1/3	3/8	7/8	13.3	13.6	13.5	17.0	17.4	17.2
R*ON250L4A**	YF06KSE	2-1/2	3/8	7/8	14.9	15.2	15.0	20.5	20.9	20.7
R*ON300L4A**	YF07KSE	3	3/8	7/8	14.9	15.2	15.0	20.5	20.9	20.7
R*ON350L4A**	YF09KSE	3-1/2	3/8	7/8	14.9	15.2	15.0	20.5	20.9	20.7
R*ON400L4A**	YF10KAE	4	1/2	1-1/8	27.4	27.9	27.7	37.1	37.8	37.5
R*ON500L4A**	YF13KAE	5	1/2	1-1/8	27.4	27.9	27.7	37.1	37.8	37.5
R*ON600L4A**	YF15KAE	6	1/2	1-1/8	27.4	27.9	27.7	37.1	37.8	37.5

LOW TEMPERATURE SCROLL // R404A, R407A, R407C, R448A, R449A

Model No.	Comp. Model No.	HP	Connections (In.)		Pump Down Capacity (lbs)							
			Liquid	Suction	Standard Receiver				Oversized Receiver			
					90% R404A	90% R407A	90% R407C	90% R448A/R449A	90% R404A	90% R407A	90% R407C	90% R448A/R449A
R*ON100L4A**	YF03KAE	1	3/8	5/8	11.1	12.1	12.0	11.6	13.6	14.9	14.8	14.3
R*ON130L4A**	YF04KAE	1-1/3	3/8	5/8	11.1	12.1	12.0	11.6	13.6	14.9	14.8	14.3
R*ON160L4A**	YF05KAE	1-1/2	3/8	5/8	11.1	12.1	12.0	11.6	13.6	14.9	14.8	14.3
R*ON230L4A**	YF07KAE	2-1/3	3/8	7/8	13.6	14.9	14.8	14.3	17.4	19.1	18.9	18.2
R*ON250L4A**	YF06KSE	2-1/2	3/8	7/8	15.2	16.6	16.5	16.0	21.0	23.0	22.8	22.0
R*ON300L4A**	YF07KSE	3	3/8	7/8	15.2	16.6	16.5	16.0	21.0	23.0	22.8	22.0
R*ON350L4A**	YF09KSE	3-1/2	3/8	7/8	15.2	16.7	16.5	16.0	21.0	23.0	22.8	22.0
R*ON400L4A**	YF10KAE	4	1/2	1-1/8	28.0	30.7	30.5	29.4	37.9	41.5	41.2	39.8
R*ON500L4A**	YF13KAE	5	1/2	1-1/8	28.0	30.7	30.5	29.4	37.9	41.5	41.2	39.8
R*ON600L4A**	YF15KAE	6	1/2	1-1/8	28.0	30.7	30.5	29.4	37.9	41.5	41.2	39.8

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

SPECIFICATIONS // ALL MODELS

MEDIUM & EXTENDED MEDIUM TEMPERATURE SCROLL

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

LOW TEMPERATURE SCROLL

Model No.	Comp. Model No.	Cabinet Size [‡]	Fan Qty	Dimensions (In.)			Approx. Ship Wt. (Lbs)	Sound dBA [†]
				D	W	H		
R*ON100L4A**	YF03KAE	FM1	1	28-1/4	27-7/8	18-3/4	195	70
R*ON130L4A**	YF04KAE	FM1	1	28-1/4	27-7/8	18-3/4	195	70
R*ON160L4A**	YF05KAE	FM1	1	28-1/4	27-7/8	18-3/4	195	70
R*ON230L4A**	YF07KAE	FM2	2	28-1/4	39-7/8	18-3/4	230	71
R*ON250L4A**	YF06KSE	FM3	2	28-1/4	39-7/8	21-1/4	240	73
R*ON300L4A**	YF07KSE	FM3	2	28-1/4	39-7/8	21-1/4	245	73
R*ON350L4A**	YF09KSE	FM3	2	28-1/4	39-7/8	21-1/4	255	73
R*ON400L4A**	YF10KAE	FM4	1	33	43-7/8	35	352	73
R*ON500L4A**	YF13KAE	FM4	1	33	43-7/8	35	367	74
R*ON600L4A**	YF15KAE	FM4	1	33	43-7/8	35	383	76

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

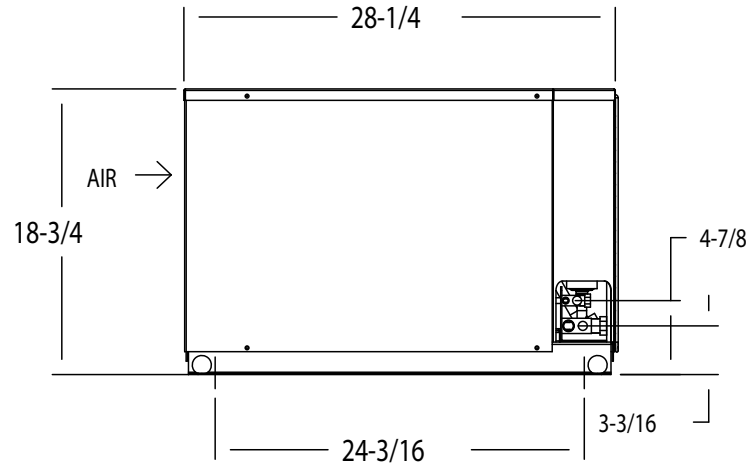
[†] Estimated dBA values at 10 feet from the unit. Correction factors: Deduct 6 dBA for 20 to 40 feet, 12 dBA @ 40 to 60 feet. Ratings at the outlet of the discharge air. The actual measurements may vary depending upon installation variables. Environmental factors may have a significant influence on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

[‡] See pages 42-45 for associated drawings.

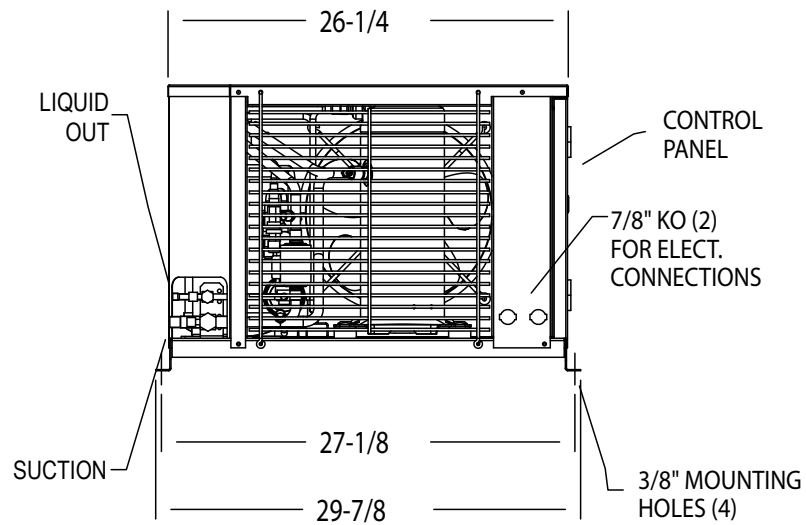
DIMENSIONAL DRAWINGS

Cabinet Size FM1

Side View



Front View

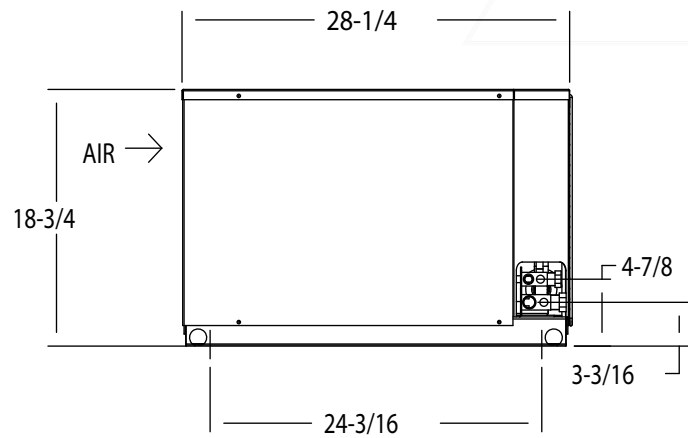


All dimensions are in inches.

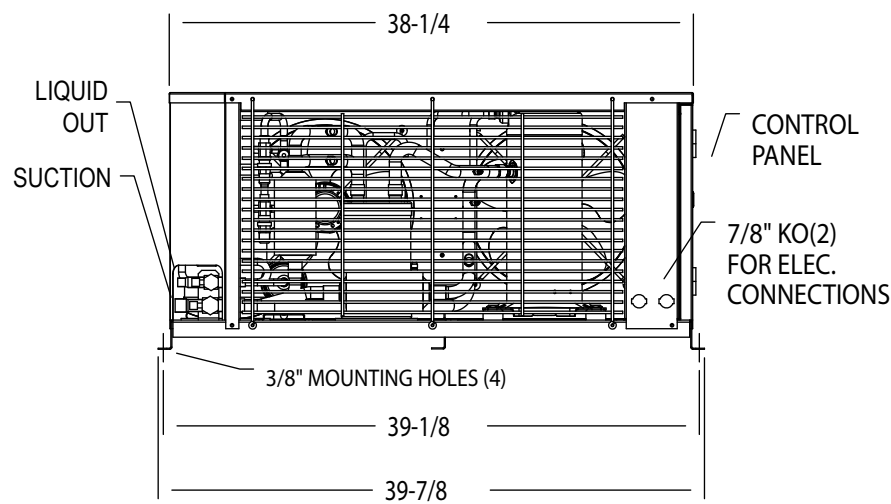
DIMENSIONAL DRAWINGS

Cabinet Size FM2

Side View



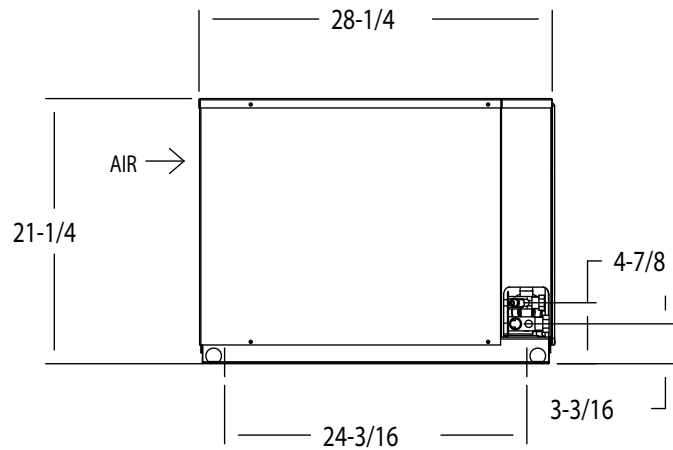
Front View



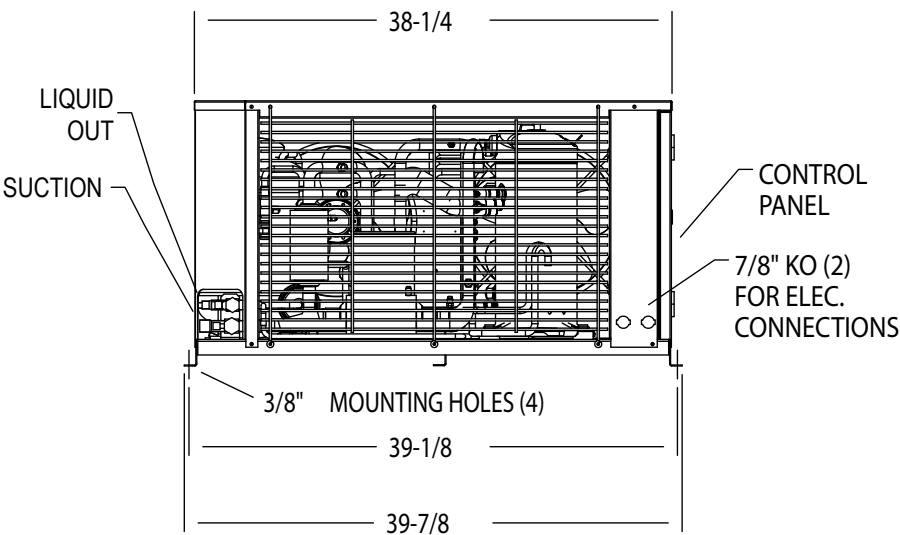
DIMENSIONAL DRAWINGS

Cabinet Size FM3

Side View



Front View

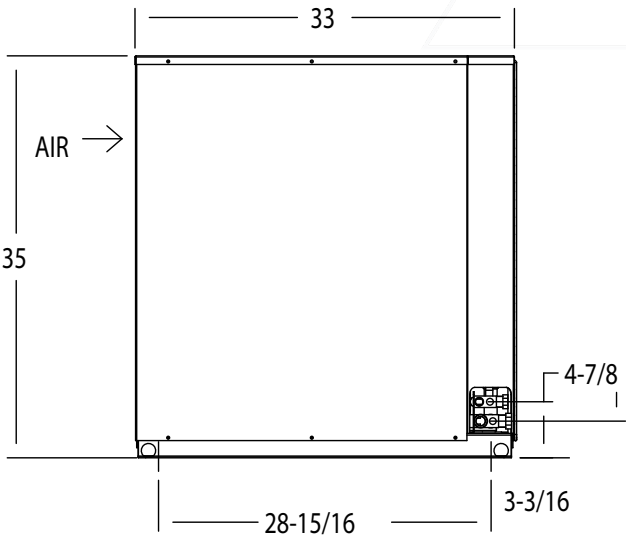


All dimensions are in inches.

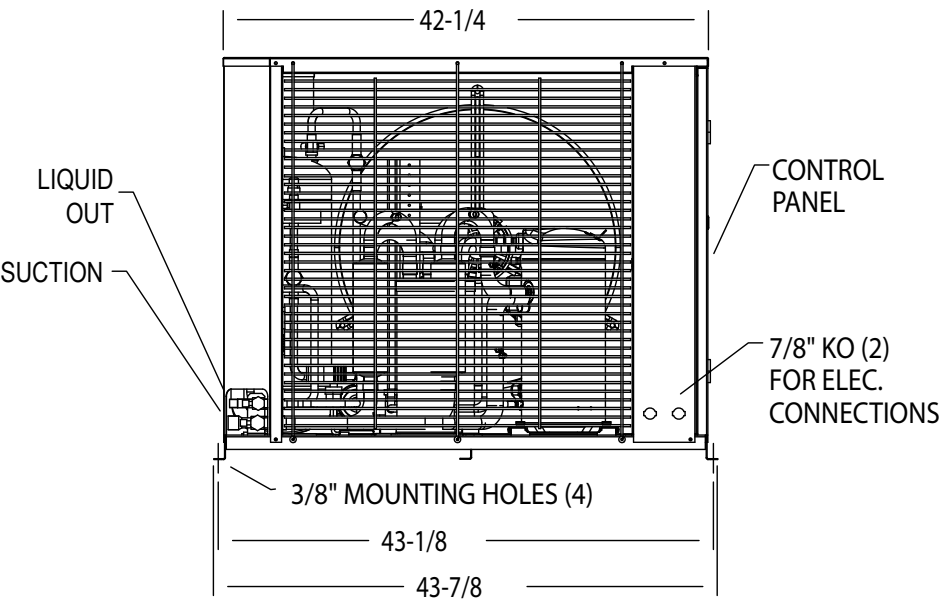
DIMENSIONAL DRAWINGS

Cabinet Size FM4

Side View



Front View



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

MEDIUM & EXTENDED MEDIUM TEMPERATURE MODELS

Base Model No.	Cabinet Size [†]	AWEF		
		R454A	R454C	R455A
R*ON060M4A**	FM1	7.60	7.60	7.60
R*ON080M4A**	FM1	7.60	7.60	7.60
R*ON100M4A**	FM1	7.60	7.60	7.60
R*ON130E4A**	FM1	7.60	7.60	7.60
R*ON150E4A**	FM2	7.60	7.60	7.60
R*ON180E4A**	FM2	7.60	7.60	7.60
R*ON200E4A**	FM3	7.60	7.60	7.60
R*ON250E4A**	FM3	7.60	7.60	7.60
R*ON280E4A**	FM4	7.60	7.60	7.60
R*ON300E4A**	FM4	7.60	7.60	7.60
R*ON350E4A**	FM4	7.60	7.60	7.60
R*ON400E4A**	FM4	7.60	7.60	7.60
R*ON450E4A**	FM4	7.60	7.60	7.60
R*ON500E4A**	FM4	7.60	7.60	7.60
R*ON600E4A**	FM4	7.60	7.60	7.60

Base Model No.	Cabinet Size ^{††}	AWEF				
		R404A	R407A	R407C	R448A	R449A
R*ON060M4A**	FM1	7.60	7.60	7.60	7.60	7.60
R*ON080M4A**	FM1	7.60	7.60	7.60	7.60	7.60
R*ON100M4A**	FM1	7.60	7.60	7.60	7.60	7.60
R*ON130E4A**	FM1	7.60	7.60	7.60	7.60	7.60
R*ON150E4A**	FM2	7.60	7.60	7.60	7.60	7.60
R*ON180E4A**	FM2	7.60	7.60	7.60	7.60	7.60
R*ON200E4A**	FM3	7.60	7.60	7.60	7.60	7.60
R*ON250E4A**	FM3	7.60	7.60	7.60	7.60	7.60
R*ON280E4A**	FM4	7.60	7.60	7.60	7.60	7.60
R*ON300E4A**	FM4	7.60	7.60	7.60	7.60	7.60
R*ON350E4A**	FM4	7.60	7.60	7.60	7.60	7.60
R*ON400E4A**	FM4	7.60	7.60	7.60	7.60	7.60
R*ON450E4A**	FM4	7.60	7.60	7.60	7.60	7.60
R*ON500E4A**	FM4	7.60	7.60	7.60	7.60	7.60
R*ON600E4A**	FM4	7.60	7.60	7.60	7.60	7.60

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

[†] See pages 42-45 for associated drawings.

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."

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

LOW TEMPERATURE MODELS

Base Model No.	Cabinet Size [†]	AWEF		
		R454A	R454C	R455A
R*ON100L4A**	FM1	2.89	2.89	2.89
R*ON130L4A**	FM1	2.94	2.94	2.94
R*ON160L4A**	FM1	2.98	2.98	2.98
R*ON230L4A**	FM2	3.14	3.14	3.14
R*ON250L4A**	FM3	3.15	3.15	3.15
R*ON300L4A**	FM3	3.15	3.15	3.15
R*ON350L4A**	FM3	3.15	3.15	3.15
R*ON400L4A**	FM4	3.15	3.15	3.15
R*ON500L4A**	FM4	3.15	3.15	3.15
R*ON600L4A**	FM4	3.15	3.15	3.15

Base Model No.	Cabinet Size ^{††}	AWEF				
		R404A	R407A	R407C	R448A	R449A
R*ON100L4A**	FM1	2.89	2.89	2.89	2.89	2.89
R*ON130L4A**	FM1	2.94	2.94	2.94	2.94	2.94
R*ON160L4A**	FM1	2.98	2.98	2.98	2.98	2.98
R*ON230L4A**	FM2	3.14	3.14	3.14	3.14	3.14
R*ON250L4A**	FM3	3.15	3.15	3.15	3.15	3.15
R*ON300L4A**	FM3	3.15	3.15	3.15	3.15	3.15
R*ON350L4A**	FM3	3.15	3.15	3.15	3.15	3.15
R*ON400L4A**	FM4	3.15	3.15	3.15	3.15	3.15
R*ON500L4A**	FM4	3.15	3.15	3.15	3.15	3.15
R*ON600L4A**	FM4	3.15	3.15	3.15	3.15	3.15

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

[†] See pages 42-45 for associated drawings.

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 freezer applications."



Russell

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