Copeland Scroll Compressor R22, R407C and R134a refrigerant

Copeland Scroll compressors for R22, R407C and R134a refrigerants are widely used in air conditioning, industrial cooling and precision cooling applications.

Scroll compressors have been widely used in the air conditioning industry: from split systems, rooftop, packaged units to chillers. Scroll compressors have widely replaced reciprocating compressors due to their unquestionable superiority. Multi-compressor assemblies (tandem and trio) maybe applied to larger capacity systems, providing users with excellent comfort while reducing operating costs with higher seasonal energy efficiency ratios.

The capacity of a single compressor ranges from 5kW (ZR18) to 90kW (ZR380). After paralleling the two units and connecting the three units in parallel, the capacity range can be extended to 180kW and 330kW.

Efficiency

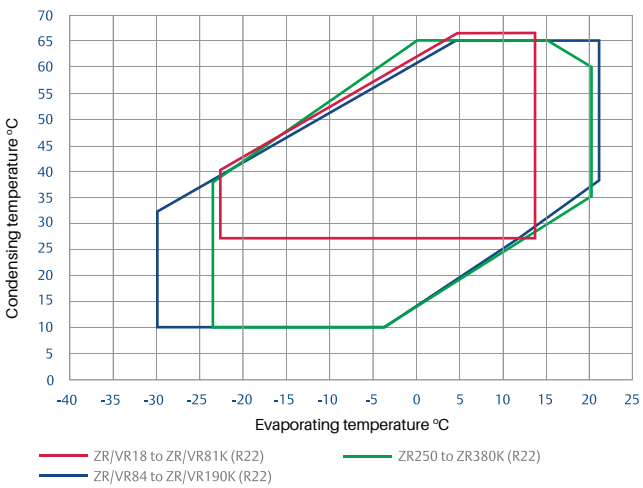
Reliability

Low life cycle cost

Features and benefits

- Copeland Scroll axial and radial compliance technology guarantees excellent reliability and high compressor efficiency.
- Wide product capacity range
- Low oil circulation rate
- Excellent liquid handling capability
- Low sound and vibration levels
- Low LCCP (Life Cycle Climate Performance)
- Qualified tandem and trio configurations for superior seasonal efficiency

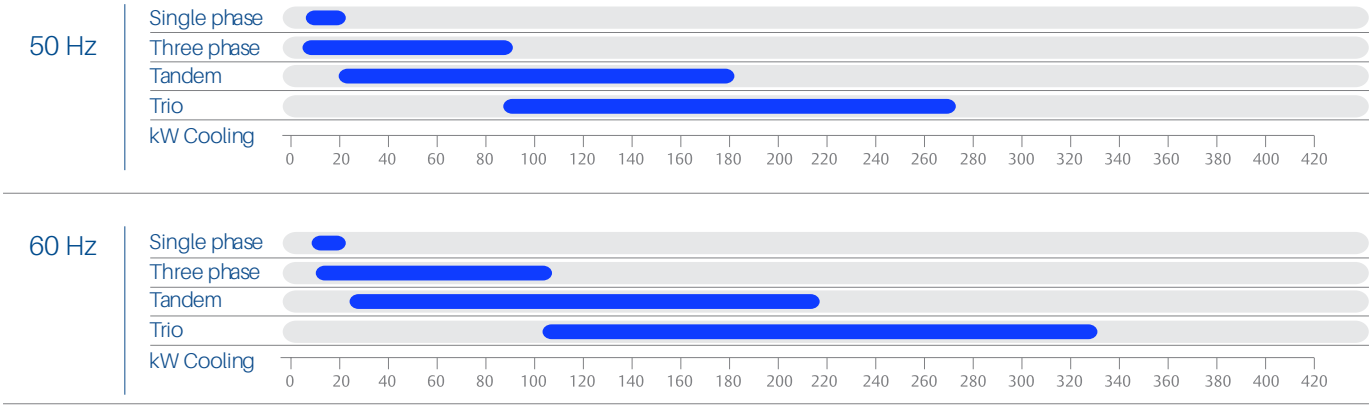
Operating envelopes



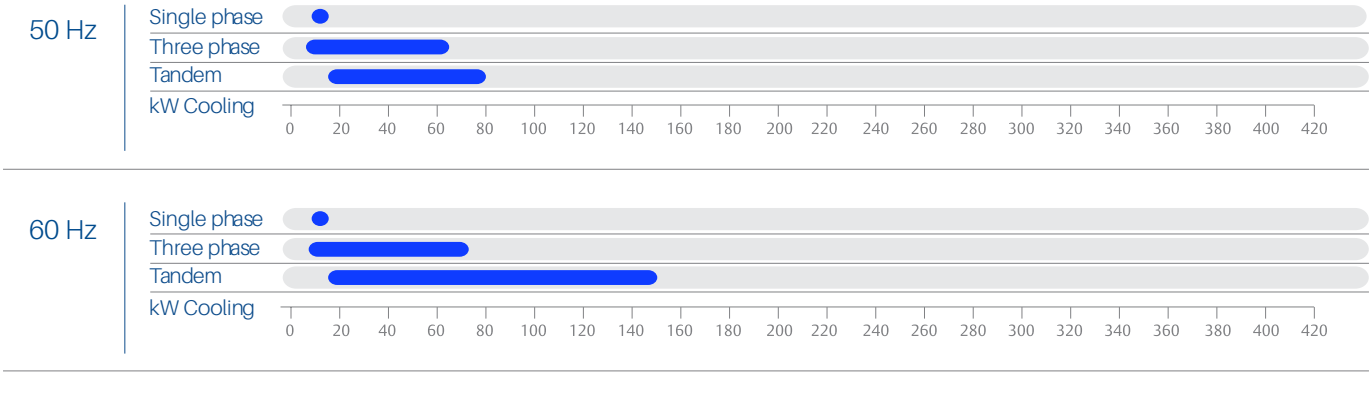
Remarks: For more information about the operating range of R407C and R134a products, please consult the application engineer's actual operating range. Please refer to the application guide

Product line up

R22/R407C



R134a



Technical data

220-240V; 50 Hz, 1 Phase

R22

Model		(HP)	Capacity		Power (W)	Current (A)	COP (W/W)	EER (Btu/Wh)	Displacement (cc/ Rev.)	Oil (l)	Weight (kg)	Lock rotor Amps (A)	Noise sound power (dBA)
			(W)	(Btu/h)									
ZR16K4	PFJ	1.3	3,927										
ZR18K4	PFJ	1.5	4,337	14,800	1,450	6.9	2.99	10.2	24.9	0.74	19.5	35.0	65.0
ZR21K5E	PFJ	1.8	5,055	17,250	1,675	7.8	3.02	10.3	29.0	0.74	21.3	54.0	65.0
ZR21K5	PFJ	1.8	5,055	17,250	1,675	7.8	3.02	10.3	29.0	0.74	21.3	54.0	65.0
ZR22K3	PFJ	1.8	5,334	18,200	1,730	8.0	3.08	10.5	30.6	1.12	36.3	47.0	65.0
ZR22K4	PFJ	1.8	5,305	18,100	1,720	8.0	3.08	10.5	30.3	0.74	19.5	48.0	65.0
ZR24K3	PFJ	2.0	5,920	20,200	1,920	9.2	3.08	10.5	34.1	1.12	24.9	58.0	65.0
ZR24K4	PFJ	2.0	5,832	19,900	1,870	8.4	3.12	10.6	33.1	0.74	20.0	52.0	65.0
ZR25K5E	PFJ	2.0	6,067	20,700	1,950	9.3	3.11	10.6	34.1	0.74	22.2	61.0	65.0
ZR25K5	PFJ	2.0	6,067	20,700	1,950	9.3	3.11	10.6	34.1	0.74	22.2	61.0	65.0
ZR26K3	PFJ	2.0	6,360	21,700	2,010	9.5	3.16	10.8	36.1	1.12	24.0	60.0	65.0
ZR26KF	PFZ	2.0	6,272	21,400	1,950	9.2	3.22	11.0	34.6	0.77	19.5	53.0	63.0
ZR26KM	PFZ	2.0	6,272	21,400	1,900	8.8	3.30	11.3	34.6	0.77	19.5	53.0	63.0
ZR28K3	PFJ	2.5	6,916	23,600	2,190	10.4	3.16	10.8	39.3	1.12	24.0	61.0	65.0
ZR28K5E	PFJ	2.5	6,829	23,300	2,200	10.8	3.10	10.6	38.7	0.74	22.7	79.0	65.0
ZR28K5	PFJ	2.5	6,829	23,300	2,200	10.8	3.10	10.6	38.7	0.74	22.7	79.0	65.0
ZR28KM	PFZ	2.5	6,741	23,000	2,020	9.2	3.34	11.4	37.2	0.77	19.1	52.9	63.0
ZR30K3	PFJ	2.5	7,385	25,200	2,330	11.1	3.17	10.8	42.0	1.24	28.1	74.0	65.0
ZR30KM	PFZ	2.5	7,327	25,000	2,190	10.1	3.35	11.4	40.5	0.77	19.1	52.9	63.0
ZR30KS	PFZ	2.5	7,327	25,000	2,230	10.2	3.29	11.2	41.0	0.74	21.8	60.0	68.0
ZR32K3	PFJ	2.5	7,766	26,500	2,430	11.8	3.20	10.9	43.4	1.24	28.6	74.0	68.0
ZR32K5E	PFJ	2.5	7,620	26,000	2,430	11.7	3.14	10.7	44.1	0.74	22.7	79.0	65.0
ZR32K5	PFJ	2.5	7,620	26,000	2,430	11.7	3.14	10.7	44.1	0.74	22.7	79.0	65.0
ZR32KS	PFZ	2.5	7,913	27,000	2,410	10.9	3.28	11.2	44.2	0.74	21.8	66.0	68.0
ZR34K3	PFJ	3.0	8,235	28,100	2,550	12.1	3.23	11.0	46.2	1.24	25.9	76.0	68.0
ZR34KH	PFJ	3.0	8,206	28,000	2,520	13.6	3.26	11.1	46.2	1.04	36.3	100.0	66.0
ZR36K3	PFJ	3.0	8,851	30,200	2,720	13.1	3.25	11.1	49.5	1.24	30.8	82.0	68.0
ZR36KH	PFJ	3.0	8,880	30,300	2,730	13.6	3.25	11.1	49.5	1.24	13.6	100.0	68.0
ZR38K5	PFJ	3.0	9,115	31,100	2,850	13.6	3.20	10.9	51.0	1.24	30.8	87.0	70.0
ZR39KH	PFJ	3.5	9,847	33,600	3,000	14.6	3.28	11.2	54.2	1.24	30.4	114.0	68.0
ZR40K3	PFJ	3.5	9,759	33,300	3,000	14.7	3.25	11.1	54.2	1.24	26.8	100.0	68.0
ZR42K3	PFJ	3.5	10,257	35,000	3,150	15.2	3.26	11.1	57.2	1.24	31.8	97.0	68.0
ZR42K5E	PFJ	3.5	10,170	34,700	3,130	16.0	3.25	11.1	56.5	1.24	30.8	122.0	70.0
ZR42K5	PFJ	3.5	10,170	34,700	3,130	16.0	3.25	11.1	56.5	1.24	30.8	122.0	70.0
ZR42KH	PFZ	3.5	10,257	35,000	3,150	15.8	3.26	11.1	57.2	1.24	31.3	114.0	68.0
ZR45K3	PFJ	3.5	11,195	38,200	3,380	16.4	3.31	11.3	61.1	1.24	32.2	114.0	68.0
ZR47K3	PFJ	4.0	11,547	39,400	3,460	16.8	3.34	11.4	63.3	1.24	31.3	114.0	68.0
ZR48K3	PFJ	4.0	11,869	40,500	3,630	17.6	3.27	11.2	65.5	1.24	31.3	114.0	68.0
ZR48K3	PFZ	4.0	11,869	40,500	3,630	17.6	3.27	11.2	65.5	1.24	31.3	114.0	68.0
ZR48K5E	PFJ	4.0	11,547	39,400	3,540	17.3	3.26	11.2	63.4	1.24	29.0	133.0	70.0
ZR48K5	PFJ	4.0	11,547	39,400	3,540	17.3	3.26	11.2	63.4	1.24	29.0	133.0	70.0
ZR61KC	PFZ	5.0	14,947	51,000	4,550	21.7	3.28	11.2	82.6	1.66	42.6	150.0	71.0
ZR68KC	PFJ	5.5	16,705	57,000	5,130	24.5	3.26	11.1	93.1	1.83	40.4	150.0	72.0

Note: All values as per AHRI test standards: Evaporating temperature: 7.2°C, Condensing temperature: 54.4°C. Subcooling: 8.3K, Superheat: 11.1K, Ambient temperature: 35°C

208-230V ; 60 Hz, 1 Phase

R22

Model		(HP)	Capacity		Power (W)	Current (A)	COP (W/W)	EER (Btu/ Wh)	Displacement (cc/ Rev.)	Oil (l)	Weight (kg)	Lock rotor Amps (A)	Noise sound power (dBA)
			(W)	(Btu/h)									
ZR16K4	PFV	1.3	4,836	16,500	1,560	6.7	3.10	10.6	22.8	0.74	19.8	41.0	68.0
ZR16K5	PFV	1.3	4,543	15,500	1,485	6.3	3.06	10.5	21.5	0.74	21.3	40.3	68.0
ZR16KA	PFV	1.3	4,543	15,500	1,460	6.4	3.11	10.6	21.5	0.74	21.5	40.3	68.0
ZR18K4	PFV	1.5	5,275	18,000	1,700	7.5	3.10	10.6	24.9	0.74	19.5	45.0	68.0
ZR18K5	PFV	1.5	5,275	18,000	1,705	7.8	3.09	10.6	25.2	0.74	21.8	55.0	68.0
ZR21K5	PFV	1.8	6,154	21,000	1,980	8.7	3.11	10.6	29.0	0.74	20.9	56.0	68.0
ZR21KA	PFV	1.8	6,154	21,000	1,960	8.6	3.14	10.7	29.0	0.74	21.3	54.0	68.0
ZR22K3	PFV	1.8	6,565	22,400	2,090	9.0	3.14	10.7	30.6	1.12	36.3	56.0	68.0
ZR22K4	PFV	1.8	6,448	22,000	2,040	8.8	3.16	10.8	30.3	0.74	19.9	54.0	68.0
ZR24K3	PFV	2.0	7,180	24,500	2,230	10.3	3.22	11.0	34.1	1.12	28.6	61.0	68.0
ZR24K4	PFV	2.0	7,034	24,000	2,220	9.9	3.17	10.8	33.1	0.74	20.0	63.0	68.0
ZR24KL	PFV	2.0	7,180	24,500	2,230	10.0	3.22	11.0	34.1	1.12	26.8	61.0	68.0
ZR25K5	PFV	2.0	7,415	25,300	2,320	10.3	3.20	10.9	34.1	0.74	22.7	68.0	68.0
ZR26K3	PFV	2.0	7,796	26,600	2,440	11.1	3.19	10.9	36.1	1.12	24.0	67.0	68.0
ZR26K5	PFV	2.0	7,620	26,000	2,380	10.6	3.20	10.9	35.1	0.74	22.2	75.0	68.0
ZR26KA	PFV	2.0	7,620	26,000	2,380	10.6	3.20	10.9	35.1	0.74	22.5	68.0	68.0
ZR26KL	PFV	2.0	7,678	26,200	2,380	10.9	3.23	11.0	36.1	1.12	27.2	67.0	68.0
ZR28K3	PFV	2.5	8,353	28,500	2,560	11.9	3.26	11.1	39.3	1.12	24.0	72.5	68.0
ZR28K5	PFV	2.5	8,323	28,400	2,590	11.5	3.21	11.0	38.7	0.74	22.2	75.0	68.0
ZR28KA	PFV	2.5	8,323	28,400	2,580	11.5	3.23	11.0	39.2	0.74	22.5	68.0	68.0
ZR28KC	PFV	2.5	8,499	29,000	2,620	12.0	3.24	11.0	39.3	1.12	24.0	73.0	68.0
ZR28KM	PFV	2.5	8,235	28,100	2,450	10.9	3.36	11.4	37.2	0.77	19.1	61.5	66.0
ZR30K3	PFV	2.5	9,115	31,100	2,800	12.6	3.26	11.1	42.0	1.24	28.1	73.0	68.0
ZR30KC	PFV	2.5	9,115	31,100	2,850	13.7	3.20	10.9	42.0	1.24	0.0	84.0	68.0
ZR32K3	PFV	2.5	9,554	32,600	2,960	13.6	3.23	11.0	43.4	1.24	28.6	83.0	71.0
ZR32K5	PFV	2.5	9,554	32,600	2,910	13.3	3.28	11.2	44.1	0.74	22.2	87.0	68.0
ZR32KA	PFV	2.5	9,554	32,600	2,910	13.2	3.28	11.2	43.9	0.74	22.6	77.0	N/A
ZR34K3	PFV	3.0	10,082	34,400	3,060	14.1	3.29	11.2	46.2	1.24	25.9	88.0	71.0
ZR34K5	PFV	3.0	10,140	34,600	3,180	14.1	3.19	10.9	46.2	0.74	22.7	88.0	68.0
ZR34KA	PFV	3.0	10,082	34,400	3,100	13.6	3.25	11.1	46.2	0.74	22.7	77.0	68.0
ZR34KC	PFV	3.0	10,052	34,300	3,120	14.6	3.22	11.0	46.2	1.24	28.5	93.0	71.0
ZR34KL	PFV	3.0	9,964	34,000	3,030	13.7	3.29	11.2	46.2	1.24	29.0	88.0	71.0
ZR36K3	PFV	3.0	10,814	36,900	3,290	14.9	3.29	11.2	49.5	1.24	30.8	95.0	71.0
ZR36KC	PFV	3.0	10,814	36,900	3,350	15.9	3.23	11.0	49.5	1.24	30.8	100.0	71.0
ZR38K5	PFV	3.0	11,137	38,000	3,390	15.9	3.29	11.2	51.0	1.24	29.0	112.0	70.0
ZR38KA	PFV	3.0	11,137	38,000	3,400	15.5	3.28	11.2	52.3	1.24	29.2	104.0	70.0
ZR40K3	PFV	3.5	11,899	40,600	3,630	16.8	3.28	11.2	54.2	1.24	26.8	104.0	71.0
ZR40KC	PFV	3.5	11,899	40,600	3,690	17.3	3.22	11.0	54.2	1.24	28.6	103.0	71.0
ZR42K3	PFV	3.5	12,543	42,800	3,790	17.2	3.31	11.3	57.2	1.24	31.8	109.0	71.0
ZR42K5	PFV	3.5	12,368	42,200	3,730	16.6	3.32	11.3	56.5	1.24	30.8	104.0	70.0
ZR42KA	PFV	3.5	12,368	42,200	3,750	16.4	3.30	11.3	56.5	1.24	30.9	97.0	71.0
ZR42KC	PFV	3.5	12,309	42,000	3,820	19.7	3.22	11.0	57.2	1.24	31.8	127.0	71.0
ZR44K5	PFV	3.5	12,895	44,000	3,890	17.7	3.31	11.3	58.3	1.24	30.8	137.0	70.0
ZR44KA	PFV	3.5	12,895	44,000	3,820	17.3	3.38	11.5	59.5	1.24	30.9	137.0	70.0

208-230V ; 60 Hz, 1 Phase

R22

Model		(HP)	Capacity		Power (W)	Current (A)	COP (W/W)	EER (Btu/ Wh)	Displacement (cc/ Rev.)	Oil (l)	Weight (kg)	Lock rotor Amps (A)	Noise sound power (dBA)
			(W)	(Btu/h)									
ZR45K3	PFV	3.5	13,481	46,000	4,000	18.5	3.37	11.5	61.1	1.24	32.2	137.0	71.0
ZR45KC	PFV	3.5	13,481	46,000	4,140	20.9	3.26	11.1	61.1	1.24	30.4	131.0	71.0
ZR46K3	PFV	4.0	13,774	47,000	4,200	18.8	3.28	11.2	62.9	1.95	41.3	129.0	72.0
ZR47K3	PFV	4.0	14,126	48,200	4,190	18.2	3.37	11.5	63.3	1.24	31.3	137.0	71.0
ZR47KC	PFV	4.0	13,921	47,500	4,270	20.8	3.26	11.1	64.2	1.24	29.9	131.0	71.0
ZR48K3	PFV	4.0	14,595	49,800	4,330	19.5	3.37	11.5	65.5	1.24	32.2	137.0	71.0
ZR48K5	PFV	4.0	14,126	48,200	4,220	19.2	3.35	11.4	63.4	1.24	31.8	137.0	70.0
ZR48KC	PFV	4.0	14,507	49,500	4,400	21.5	3.30	11.2	65.5	1.24	30.8	132.0	71.0
ZR49K3	PFV	4.0	14,419	49,200	4,410	20.1	3.27	11.2	67.2	1.95	41.3	129.0	72.0
ZR52K3	PFV	4.0	15,240	52,000	4,560	20.4	3.34	11.4	70.1	1.66	0.0	148.0	74.0
ZR54K3	PFV	4.5	16,119	55,000	4,830	21.4	3.34	11.4	73.3	1.66	43.1	148.0	74.0
ZR54K5	PFV	4.5	15,679	53,500	4,740	21.0	3.31	11.3	72.1	1.24	32.7	146.0	70.0
ZR54KA	PFV	4.5	15,679	53,500	4,730	21.1	3.31	11.3	71.3	1.24	32.8	141.0	70.0
ZR54KC	PFV	4.5	16,119	55,000	5,000	25.0	3.22	11.0	73.3	1.66	39.0	150.0	74.0
ZR57K3	PFV	4.5	16,998	58,000	5,040	23.6	3.37	11.5	77.2	1.66	40.8	148.0	74.0
ZR57KC	PFV	4.5	16,852	57,500	5,200	25.5	3.24	11.0	77.2	1.89	39.0	150.0	74.0
ZR61K3	PFV	5.0	18,170	62,000	5,450	24.8	3.33	11.4	82.6	1.66	40.8	148.0	74.0
ZR61KC	PFV	5.0	18,170	62,000	5,500	25.4	3.30	11.3	82.6	1.66	39.5	144.0	74.0
ZR67KW	PFV	5.5	19,636	67,000	6,150	27.9	3.19	10.9	93.1	1.77	43.1	129.0	75.0
ZR68KC	PFV	5.5	20,368	69,500	6,200	28.0	3.29	11.2	93.1	1.77	40.4	176.0	74.0
ZR80KW	PFV	6.5	23,651	80,700	7,320	33.5	3.23	11.0	107.8	1.77	39.0	176.0	75.0

Note: All values as per AHRI test standards: Evaporating temperature: 7.2°C, Condensing temperature: 54.4°C. Subcooling: 8.3K, Superheat: 11.1K, Ambient temperature: 35°C

380-420V; 50 Hz, 3 Phase

R22

Model		(HP)	Capacity		Power (W)	Current (A)	COP (W/W)	EER (Btu/ Wh)	Displacement (cc/ Rev.)	Oil (l)	Weight (kg)	Lock rotor Amps (A)	Noise sound power (dBA)
			(W)	(Btu/h)									
ZR108KC	TFD	9.0	26,376	90,000	7,550	13.8	3.49	12.0	142.9	3.25	59.9	111.0	74.0
ZR108KF	TFD	9.0	26,376	90,000	7,630	14.0	3.46	11.8	142.9	3.25	59.9	127.0	74.0
ZR108KT	TFD	9.0	26,376	90,000	7,550	13.8	3.49	12.0	142.9	3.25	59.9	111.0	74.0
ZR11M3E	TWD	9.0	26,230	89,500	7,950	14.4	3.30	11.3	144.0	4.14	96.2	123.0	78.0
ZR11M3	TWD	9.0	26,230	89,500	7,950	14.4	3.30	11.3	144.0	4.14	96.2	123.0	78.0
ZR125KC	TFD	10.0	31,066	106,000	9,000	15.8	3.45	11.8	167.1	3.25	61.2	118.0	75.0
ZR125KF	TFD	10.0	31,066	106,000	9,140	16.7	3.40	11.6	167.1	3.25	61.2	153.0	75.0
ZR125KT	TFD	10.0	31,066	106,000	9,000	15.8	3.45	11.8	167.1	3.25	61.2	118.0	75.0
ZR12M3E	TWD	10.0	30,479	104,000	9,100	16.5	3.35	11.4	165.5	4.14	100.2	127.0	78.0
ZR12M3	TWD	10.0	30,479	104,000	9,100	16.5	3.35	11.4	165.5	4.14	100.2	127.0	78.0
ZR144KC	TFD	12.0	35,169	120,000	10,100	17.7	3.48	11.9	190.9	3.25	61.2	118.0	76.0
ZR144KF	TFD	12.0	35,315	120,500	10,250	18.6	3.45	11.8	190.9	3.25	61.2	153.0	76.0
ZR144KT	TFD	12.0	35,169	120,000	10,100	17.6	3.48	11.9	190.9	3.25	61.2	118.0	76.0
ZR160KC	TED	13.0	38,099	130,000	11,300	20.3	3.37	11.5	209.1	3.37	64.9	140.0	79.0
ZR160KC	TFD	13.0	38,099	130,000	11,300	20.3	3.37	11.5	209.1	3.25	64.9	140.0	79.0
ZR160KC	TWD	13.0	38,099	130,000	11,300	20.3	3.37	11.5	209.1	3.25	64.9	140.0	79.0

380-420V; 50 Hz, 3 Phase

R22

Model		(HP)	Capacity		Power (W)	Current (A)	COP (W/W)	EER (Btu/ Wh)	Displacement (cc/ Rev.)	Oil (l)	Weight (kg)	Lock rotor Amps (A)	Noise sound power (dBA)
			(W)	(Btu/h)									
ZR16M3E	TWD	13.0	37,513	128,000	11,200	19.1	3.35	11.4	204.3	4.14	103.0	167.0	80.0
ZR16M3	TWD	13.0	37,513	128,000	11,200	19.1	3.35	11.4	204.3	4.14	103.0	167.0	80.0
ZR190KC	TED	15.0	45,426	155,000	13,600	25.6	3.34	11.4	249.1	3.37	64.9	173.0	82.0
ZR190KC	TFD	15.0	45,426	155,000	13,600	25.6	3.34	11.4	249.1	3.25	66.2	174.0	82.0
ZR190KC	TWD	15.0	45,426	155,000	13,600	25.6	3.34	11.4	249.1	3.25	66.2	173.0	82.0
ZR190KT	TFD	15.0	45,426	155,000	13,600	25.6	3.34	11.4	249.1	3.25	66.2	174.0	82.0
ZR19M3	TWD	15.0	46,012	157,000	13,600	23.7	3.38	11.5	245.8	4.14	107.0	198.0	80.0
ZR21K5E	TFD	1.8	5,026	17,150	1,665	3.1	3.02	10.3	29.0	0.74	21.8	29.0	65.0
ZR21K5	TFD	1.8	5,026	17,150	1,665	3.1	3.02	10.3	29.0	0.74	21.8	29.0	65.0
ZR22K3	TFD	1.8	5,334	18,200	1,770	3.2	3.01	10.3	30.6	1.12	36.3	24.0	65.0
ZR22KT	TFD	1.8	5,334	18,200	1,765	3.2	3.02	10.3	30.6	1.12	24.5	24.0	65.0
ZR24K3	TFD	2.0	5,920	20,200	1,920	3.5	3.08	10.5	34.1	1.12	28.6	26.0	65.0
ZR24KT	TFD	2.0	5,920	20,200	1,920	3.5	3.08	10.5	34.1	1.12	24.9	26.0	65.0
ZR250KCE	TED	20.0	59,786	204,000	17,700	29.6	3.38	11.5	325.1	4.67	139.3	225.0	83.0
ZR250KCE	TWD	20.0	59,786	204,000	17,700	29.6	3.38	11.5	325.1	4.67	139.3	225.0	83.0
ZR250KC	TED	20.0	59,786	204,000	17,700	29.6	3.38	11.5	325.1	4.67	139.3	225.0	83.0
ZR250KC	TWD	20.0	59,786	204,000	17,700	29.6	3.38	11.5	325.1	4.67	139.3	225.0	83.0
ZR25K5E	TFD	2.0	5,979	20,400	1,920	3.5	3.11	10.6	34.1	0.74	21.8	29.0	65.0
ZR25K5	TFD	2.0	5,979	20,400	1,920	3.5	3.11	10.6	34.1	0.74	21.8	29.0	65.0
ZR26K3	TFD	2.0	6,360	21,700	2,010	3.8	3.16	10.8	36.1	1.12	24.0	26.0	65.0
ZR28K3	TFD	2.5	6,916	23,600	2,150	4.0	3.22	11.0	39.3	1.12	24.0	32.0	65.0
ZR28K5E	TFD	2.5	6,829	23,300	2,140	4.1	3.19	10.9	38.7	0.74	22.7	38.0	65.0
ZR28K5	TFD	2.5	6,829	23,300	2,140	4.1	3.19	10.9	38.7	0.74	22.7	38.0	65.0
ZR28KT	TFD	2.5	6,916	23,600	2,140	4.0	3.23	11.0	39.3	1.12	25.4	32.0	65.0
ZR300KCE	TWD	25.0	70,630	241,000	20,100	34.6	3.51	12.0	384.6	6.30	184.2	250.0	86.0
ZR300KC	TED	25.0	70,630	241,000	20,100	34.6	3.51	12.0	384.6	6.30	184.2	250.0	86.0
ZR300KC	TWD	25.0	70,630	241,000	20,100	34.6	3.51	12.0	384.6	6.30	184.2	250.0	86.0
ZR30K3	TFD	2.5	7,385	25,200	2,290	4.2	3.23	11.0	42.0	1.24	28.1	32.0	65.0
ZR30KS	TFD	2.5	7,327	25,000	2,230	4.1	3.29	11.2	41.0	0.74	21.8	37.7	68.0
ZR30KT	TFD	2.5	7,385	25,200	2,290	4.2	3.23	11.0	42.0	1.24	25.9	32.0	65.0
ZR310KC	TED	26.0	74,147	253,000	22,000	38.0	3.37	11.5	410.5	6.80	160.1	272.0	85.0
ZR310KC	TWD	26.0	74,147	253,000	22,000	37.9	3.37	11.5	410.5	6.80	160.1	272.0	85.0
ZR32K3	TFD	2.5	7,766	26,500	2,430	4.4	3.20	10.9	43.4	1.24	28.6	35.0	68.0
ZR32K5E	TFD	2.5	7,708	26,300	2,410	4.3	3.20	10.9	44.1	0.74	22.2	38.0	65.0
ZR32K5	TFD	2.5	7,708	26,300	2,410	4.3	3.20	10.9	44.1	0.74	22.2	38.0	65.0
ZR32KS	TFD	2.5	7,913	27,000	2,410	4.3	3.28	11.2	44.2	0.74	21.8	37.7	68.0
ZR34K3	TFD	3.0	8,235	28,100	2,500	4.6	3.29	11.2	46.2	1.24	25.9	40.0	68.0
ZR34KH	TFD	3.0	8,206	28,000	2,480	4.7	3.31	11.3	46.2	1.04	36.3	40.0	68.0
ZR34KT	TFD	3.0	8,235	28,100	2,500	4.6	3.29	11.3	46.2	1.24	26.8	40.0	68.0
ZR36K3	TFD	3.0	8,851	30,200	2,700	4.8	3.28	11.2	49.5	1.24	30.8	40.0	68.0
ZR36KE	TFD	3.0	8,851	30,200	2,700	5.1	3.28	11.2	49.5	1.24	29.9	50.0	68.0
ZR36KH	TFD	3.0	8,880	30,300	2,680	4.7	3.31	11.3	49.5	1.24	13.6	40.0	68.0
ZR36KT	TFD	3.0	8,851	30,200	2,700	4.8	3.28	11.2	49.5	1.24	27.2	40.0	68.0
ZR380KC	TED	30.0	92,317	315,000	26,500	45.1	3.48	11.9	502.6	6.30	176.9	310.0	88.0
ZR380KC	TWD	30.0	92,317	315,000	26,500	45.1	3.48	11.9	502.6	6.30	176.9	310.0	88.0

380-420V; 50 Hz, 3 Phase

R22

Model		(HP)	Capacity		Power (W)	Current (A)	COP (W/W)	EER (Btu/Wh)	Displacement (cc/ Rev.)	Oil (l)	Weight (kg)	Lock rotor Amps (A)	Noise sound power (dBA)
			(W)	(Btu/h)									
ZR38K5E	TFD	3.0	8,997	30,700	2,860	5.3	3.15	10.8	51.0	1.24	27.2	47.0	70.0
ZR38K5	TFD	3.0	8,997	30,700	2,860	5.0	3.15	10.7	51.0	1.24	27.2	47.0	70.0
ZR39KH	TFD	3.5	9,847	33,600	2,950	5.3	3.34	11.4	54.2	1.24	30.4	45.2	68.0
ZR40K3	TFD	3.5	9,759	33,300	2,970	5.3	3.29	11.2	54.2	1.24	26.8	46.0	68.0
ZR40KT	TFD	3.5	9,759	33,300	2,970	5.3	3.29	11.2	54.2	1.24	28.1	46.0	68.0
ZR42K3	TFD	3.5	10,257	35,000	3,110	5.5	3.30	11.3	57.2	1.24	32.7	46.0	68.0
ZR42K5E	TFD	3.5	9,876	33,700	3,260	5.8	3.03	10.4	56.5	1.24	27.2	48.0	70.0
ZR42K5	TFD	3.5	9,876	33,700	3,260	5.8	3.03	10.4	56.5	1.24	27.2	48.0	70.0
ZR42KE	TFD	3.5	10,257	35,000	3,100	5.5	3.31	11.3	57.2	1.24	29.9	50.0	68.0
ZR42KT	TFD	3.5	10,257	35,000	3,100	5.5	3.31	11.3	57.2	1.24	28.1	46.0	68.0
ZR44K5	TFD	3.5	10,580	36,100	3,280	5.4	3.23	11.0	58.3	1.24	28.6	41.0	70.0
ZR45K3	TFD	3.5	10,990	37,500	3,320	5.9	3.31	11.3	61.1	1.36	28.1	48.0	68.0
ZR45KC	TFD	3.5	11,107	37,900	3,320	6.1	3.35	11.4	61.1	1.36	28.1	48.0	68.0
ZR45KE	TFD	3.5	11,107	37,900	3,320	5.8	3.35	11.4	61.1	1.24	29.9	50.0	68.0
ZR45KT	TFD	3.5	11,107	37,900	3,320	6.1	3.35	11.4	61.1	1.36	28.1	48.0	68.0
ZR46K3	TFD	4.0	11,166	38,100	3,440	6.0	3.25	11.0	62.9	1.95	37.2	51.5	69.0
ZR47K3	TFD	4.0	11,371	38,800	3,430	6.0	3.32	11.3	63.3	1.36	28.1	50.0	68.0
ZR47KC	TFD	4.0	11,547	39,400	3,430	6.3	3.37	11.5	64.2	1.36	28.1	48.0	68.0
ZR47KS	TFD	4.0	11,547	39,400	3,430	6.3	3.37	11.5	63.4	1.36	28.1	48.0	68.0
ZR47KT	TFD	4.0	11,547	39,400	3,430	6.3	3.37	11.5	64.2	1.36	28.1	48.0	68.0
ZR48K3	TFD	4.0	11,869	40,500	3,610	6.5	3.29	11.2	65.5	1.36	28.1	50.0	68.0
ZR48K5E	TFD	4.0	11,547	39,400	3,430	6.2	3.37	11.5	63.4	1.24	29.0	60.0	70.0
ZR48K5	TFD	4.0	11,547	39,400	3,430	6.2	3.37	11.5	63.4	1.24	29.0	60.0	70.0
ZR48KC	TFD	4.0	11,869	40,500	3,600	6.1	3.30	11.2	65.5	1.36	28.1	50.0	68.0
ZR48KE	TFD	4.0	11,869	40,500	3,520	6.2	3.37	11.5	65.5	1.24	29.9	50.0	68.0
ZR48KE	TFM	4.0	11,869	40,500	3,580	6.1	3.32	11.3	65.5	1.36	29.9	48.0	68.0
ZR48KT	TFD	4.0	11,869	40,500	3,610	6.5	3.29	11.2	65.5	1.36	28.1	50.0	68.0
ZR49K3	TFD	4.0	11,840	40,400	3,650	6.4	3.24	11.1	67.2	1.95	37.2	51.5	69.0
ZR52K3	TFD	4.0	12,602	43,000	3,830	6.5	3.29	11.2	70.1	1.95	0.0	51.5	71.0
ZR54K3	TFD	4.5	12,895	44,000	4,060	7.0	3.18	10.8	73.3	1.95	37.2	51.5	71.0
ZR54K5E	TFD	4.5	12,924	44,100	3,880	6.7	3.33	11.4	72.1	1.24	30.8	52.0	70.0
ZR54K5	TFD	4.5	12,924	44,100	3,880	6.7	3.33	11.4	72.1	1.24	30.8	52.0	70.0
ZR54KC	TFD	4.5	13,188	45,000	3,980	7.3	3.31	11.3	73.3	1.95	35.8	61.8	71.0
ZR54KE	TFD	4.5	13,188	45,000	3,920	7.4	3.36	11.5	73.1	1.36	29.9	71.3	69.0
ZR54KE	TFM	4.5	13,188	45,000	3,920	7.4	3.36	11.5	73.1	1.36	29.9	71.3	69.0
ZR54KS	TFD	4.5	13,188	45,000	3,920	7.1	3.36	11.5	73.1	1.24	29.9	56.0	69.0
ZR54KT	TFD	4.5	13,188	45,000	3,980	7.3	3.31	11.3	73.3	1.95	35.8	59.6	71.0
ZR57K3E	TFD	4.5	13,745	46,900	4,110	7.3	3.34	11.4	77.2	1.95	38.6	64.0	71.0
ZR57K3	TFD	4.5	13,745	46,900	4,110	7.3	3.34	11.4	77.2	1.95	38.6	64.0	71.0
ZR57KC	TFD	4.5	13,921	47,500	4,170	7.8	3.34	11.4	77.2	1.95	36.3	61.8	71.0
ZR57KE	TFD	4.5	13,921	47,500	4,130	7.8	3.37	11.5	77.2	1.36	28.6	71.3	69.0
ZR57KE	TFM	4.5	13,921	47,500	4,130	7.8	3.37	11.5	77.2	1.36	28.6	71.3	69.0
ZR57KH	TFD	4.5	14,009	47,800	4,190	7.4	3.34	11.4	77.2	1.95	38.6	64.0	72.0
ZR57KS	TFD	4.5	14,067	48,000	4,170	7.5	3.37	11.5	77.2	1.24	29.9	56.0	69.0
ZR57KT	TFD	4.5	13,921	47,500	4,170	7.9	3.34	11.4	77.2	1.95	36.3	61.8	71.0

380-420V; 50 Hz, 3 Phase

R22

Model		(HP)	Capacity		Power (W)	Current (A)	COP (W/W)	EER (Btu/Wh)	Displacement (cc/ Rev.)	Oil (l)	Weight (kg)	Lock rotor Amps (A)	Noise sound power (dBA)
			(W)	(Btu/h)									
ZR61K3E	TFD	5.0	14,654	50,000	4,400	7.6	3.33	11.4	82.6	1.95	38.1	64.0	71.0
ZR61K3	TFD	5.0	14,654	50,000	4,400	7.6	3.33	11.4	82.6	1.95	38.1	64.0	74.0
ZR61KC	TFD	5.0	14,566	49,700	4,430	8.2	3.29	11.2	82.6	1.95	35.8	65.5	71.0
ZR61KE	TFD	5.0	14,947	51,000	4,470	8.3	3.34	11.4	82.6	1.36	29.9	71.3	69.0
ZR61KE	TFM	5.0	14,947	51,000	4,470	8.3	3.34	11.4	82.6	1.36	29.9	71.3	69.0
ZR61KH	TFD	5.0	14,976	51,100	4,440	7.8	3.37	11.5	82.6	1.77	27.2	67.0	72.0
ZR61KS	TFD	5.0	14,947	51,000	4,430	7.9	3.37	11.5	82.6	1.24	29.9	59.0	69.0
ZR61KT	TFD	5.0	14,566	49,700	4,430	8.3	3.29	11.2	82.6	1.95	35.8	65.5	71.0
ZR68KCE	TFD	5.5	16,852	57,500	4,960	8.6	3.40	11.6	93.1	1.77	39.0	74.0	72.0
ZR68KC	TFD	5.5	16,852	57,500	4,960	8.6	3.40	11.6	93.1	1.77	39.0	74.0	72.0
ZR68KT	TFD	6.0	16,852	57,500	4,960	8.6	3.40	11.6	93.1	1.77	39.0	74.0	72.0
ZR72KCE	TFD	6.0	17,731	60,500	5,200	8.9	3.41	11.7	98.0	1.77	38.6	74.0	72.0
ZR72KC	TFD	6.0	17,731	60,500	5,200	8.9	3.41	11.7	98.0	1.77	38.6	74.0	72.0
ZR72KC	TFM	6.0	17,731	60,500	5,200	8.9	3.41	11.7	98.0	1.77	38.6	74.0	72.0
ZR72KS	TFD	6.0	17,731	60,500	5,200	8.8	3.41	11.7	98.0	1.77	38.6	74.0	72.0
ZR72KT	TFD	6.0	17,731	60,500	5,180	8.9	3.42	11.7	98.0	1.77	38.6	74.0	72.0
ZR81KCE	TFD	7.0	19,929	68,000	5,800	10.5	3.44	11.7	107.8	1.77	39.0	101.0	72.0
ZR81KC	TFD	7.0	19,929	68,000	5,810	10.5	3.43	11.7	107.8	1.77	39.0	101.0	72.0
ZR81KT	TFD	7.0	19,929	68,000	5,800	10.5	3.44	11.7	107.8	1.77	39.0	101.0	72.0
ZR84KC	TFD	7.0	20,808	71,000	6,000	11.4	3.47	11.8	113.6	2.51	57.2	100.0	73.0
ZR90K3E	TWD	7.5	21,541	73,500	6,600	12.5	3.26	11.1	120.0	4.14	93.9	99.0	80.0
ZR90K3	TWD	7.5	21,541	73,500	6,600	12.5	3.26	11.1	120.0	4.14	93.9	99.0	80.0
ZR94KC	TFD	8.0	23,299	79,500	6,750	12.5	3.45	11.8	127.2	2.51	57.2	95.0	73.0
ZR94KT	TFD	8.0	23,299	79,500	6,750	12.5	3.45	11.8	127.2	2.51	57.2	95.0	73.0

Note: All values as per AHRI test standards: Evaporating temperature: 7.2°C, Condensing temperature: 54.4°C. Subcooling: 8.3K, Superheat: 11.1K, Ambient temperature: 35°C

200-230V/380V/460V; 60 Hz, 3 Phase

R22

Model		(HP)	Capacity		Power (W)	Current (A)	COP (W/W)	EER (Btu/Wh)	Displacement (cc/ Rev.)	Oil (l)	Weight (kg)	Lock rotor Amps (A)	Noise sound power (dBA)
			(W)	(Btu/h)									
ZR108KC	TF5	9.0	31,945	109,000	9,200	28.2	3.47	11.9	142.9	3.25	59.9	225.0	80.0
ZR108KC	TFD	9.0	31,945	109,000	9,200	14.1	3.47	11.9	142.9	3.25	59.9	114.0	80.0
ZR108KF	TFD	9.0	31,945	109,000	9,320	14.3	3.43	11.7	142.9	3.25	59.9	126.0	74.0
ZR11M3E	TWD	9.0	31,652	108,000	9,600	14.4	3.30	11.3	144.0	4.14	96.2	125.0	81.0
ZR11M3	TW7	9.0	31,652	108,000	9,600	17.4	3.30	11.3	144.0	4.14	96.2	144.0	81.0
ZR11M3	TWD	9.0	31,652	108,000	9,600	14.4	3.30	11.3	144.0	4.14	96.2	125.0	81.0
ZR125KC	TF5	10.0	37,513	128,000	10,900	32.6	3.44	11.7	167.1	3.25	61.2	239.0	80.0
ZR125KC	TFD	10.0	37,513	128,000	10,900	16.3	3.44	11.7	167.1	3.25	61.2	125.0	80.0
ZR125KF	TFD	10.0	37,513	128,000	11,150	17.1	3.36	11.5	167.1	3.25	61.2	150.0	80.0
ZR12M3E	TW7	10.0	36,634	125,000	11,000	19.9	3.33	11.4	165.5	4.14	100.2	151.0	81.0
ZR12M3E	TWD	10.0	36,634	125,000	11,000	16.5	3.33	11.4	165.5	4.14	100.2	127.0	81.0
ZR12M3	TW7	10.0	36,634	125,000	11,000	19.9	3.33	11.4	165.5	4.14	100.2	151.0	81.0
ZR12M3	TWD	10.0	36,634	125,000	11,000	16.5	3.33	11.4	165.5	4.14	100.2	127.0	81.0
ZR144KC	TF5	12.0	42,788	146,000	12,300	38.3	3.48	11.8	190.9	3.25	61.2	245.0	80.0

200-230V/380V/460V; 60 Hz, 3 Phase

R22

Model		(HP)	Capacity		Power (W)	Current (A)	COP (W/W)	EER (Btu/Wh)	Displacement (cc/ Rev.)	Oil (l)	Weight (kg)	Lock rotor Amps (A)	Noise sound power (dBA)
			(W)	(Btu/h)									
ZR108KC	TF5	9.0	31,945	109,000	9,200	28.2	3.47	11.9	142.9	3.25	59.9	225.0	80.0
ZR108KC	TFD	9.0	31,945	109,000	9,200	14.1	3.47	11.9	142.9	3.25	59.9	114.0	80.0
ZR108KF	TFD	9.0	31,945	109,000	9,320	14.3	3.43	11.7	142.9	3.25	59.9	126.0	74.0
ZR11M3E	TWD	9.0	31,652	108,000	9,600	14.4	3.30	11.3	144.0	4.14	96.2	125.0	81.0
ZR11M3	TW7	9.0	31,652	108,000	9,600	17.4	3.30	11.3	144.0	4.14	96.2	144.0	81.0
ZR11M3	TWD	9.0	31,652	108,000	9,600	14.4	3.30	11.3	144.0	4.14	96.2	125.0	81.0
ZR125KC	TF5	10.0	37,513	128,000	10,900	32.6	3.44	11.7	167.1	3.25	61.2	239.0	80.0
ZR125KC	TFD	10.0	37,513	128,000	10,900	16.3	3.44	11.7	167.1	3.25	61.2	125.0	80.0
ZR125KF	TFD	10.0	37,513	128,000	11,150	17.1	3.36	11.5	167.1	3.25	61.2	150.0	80.0
ZR12M3E	TW7	10.0	36,634	125,000	11,000	19.9	3.33	11.4	165.5	4.14	100.2	151.0	81.0
ZR12M3E	TWD	10.0	36,634	125,000	11,000	16.5	3.33	11.4	165.5	4.14	100.2	127.0	81.0
ZR12M3	TW7	10.0	36,634	125,000	11,000	19.9	3.33	11.4	165.5	4.14	100.2	151.0	81.0
ZR12M3	TWD	10.0	36,634	125,000	11,000	16.5	3.33	11.4	165.5	4.14	100.2	127.0	81.0
ZR144KC	TF5	12.0	42,788	146,000	12,300	38.3	3.48	11.8	190.9	3.25	61.2	245.0	80.0
ZR144KC	TFD	12.0	42,788	146,000	12,300	18.2	3.48	11.8	190.9	3.25	61.2	125.0	80.0
ZR144KF	TFD	12.0	42,788	146,000	12,600	19.2	3.40	11.6	190.9	3.25	61.2	150.0	76.0
ZR160KC	TE5	13.0	46,891	160,000	13,900	43.2	3.37	11.5	209.1	3.37	66.2	300.0	83.0
ZR160KC	TED	13.0	46,891	160,000	13,900	20.8	3.37	11.5	209.1	3.37	64.9	150.0	83.0
ZR160KC	TF7	13.0	46,891	160,000	13,900	24.2	3.37	11.5	209.1	3.25	64.9	138.0	83.0
ZR160KC	TFD	13.0	46,891	160,000	13,900	20.8	3.37	11.5	209.1	3.25	64.9	150.0	83.0
ZR160KC	TW5	13.0	46,891	160,000	13,900	43.2	3.37	11.5	209.1	3.25	66.2	300.0	83.0
ZR160KC	TWD	13.0	46,891	160,000	13,900	20.8	3.37	11.5	209.1	3.25	64.9	150.0	83.0
ZR160KT	TFD	13.0	46,891	160,000	13,900	20.8	3.37	11.5	209.1	3.25	64.9	150.0	83.0
ZR16M3E	TW7	13.0	45,133	154,000	13,500	23.3	3.34	11.4	204.3	4.14	103.0	195.0	83.0
ZR16M3E	TWD	13.0	45,133	154,000	13,500	19.2	3.34	11.4	204.3	4.14	103.0	158.0	83.0
ZR16M3	TW5	13.0	45,133	154,000	13,500	38.3	3.34	11.4	204.3	4.14	103.0	350.0	83.0
ZR16M3	TW7	13.0	45,133	154,000	13,500	23.2	3.34	11.4	204.3	4.14	103.0	195.0	83.0
ZR16M3	TWD	13.0	45,133	154,000	13,500	19.2	3.34	11.4	204.3	4.14	103.0	158.0	83.0
ZR190KC	TE5	15.0	55,684	190,000	16,800	53.2	3.31	11.4	249.1	3.37	66.2	340.0	83.0
ZR190KC	TED	15.0	55,684	190,000	16,800	26.5	3.31	11.4	249.1	3.37	64.9	173.0	83.0
ZR190KC	TFD	15.0	55,684	190,000	16,800	26.5	3.31	11.4	249.1	3.25	66.2	179.0	83.0
ZR190KC	TW5	15.0	55,684	190,000	16,800	53.2	3.31	11.4	249.1	3.25	66.2	340.0	83.0
ZR190KC	TWD	15.0	55,684	190,000	16,800	26.5	3.31	11.4	249.1	3.25	66.2	173.0	83.0
ZR190KT	TFD	15.0	55,684	190,000	16,800	26.5	3.31	11.4	249.1	3.25	66.2	179.0	83.0
ZR19M3	TW5	15.0	55,684	190,000	16,500	48.2	3.37	11.5	245.8	4.14	107.0	425.0	83.0
ZR19M3	TW7	15.0	55,684	190,000	16,500	29.2	3.37	11.5	245.8	4.14	107.0	239.0	83.0
ZR19M3	TWD	15.0	55,684	190,000	16,500	24.1	3.37	11.5	245.8	4.14	107.0	187.0	83.0
ZR21K5E	TF5	1.8	6,154	21,000	1,980	6.2	3.11	10.6	29.0	0.74	21.8	58.0	68.0
ZR21K5E	TFD	1.8	6,154	21,000	1,995	3.1	3.08	10.6	29.0	0.74	21.8	29.0	68.0
ZR21K5	TF5	1.8	6,154	21,000	1,980	6.2	3.11	10.6	29.0	0.74	21.8	58.0	68.0
ZR21K5	TF7	1.8	6,154	21,000	1,995	3.4	3.08	10.6	29.0	0.74	21.8	29.0	68.0
ZR21K5	TFD	1.8	6,154	21,000	1,995	3.1	3.08	10.6	29.0	0.74	21.8	29.0	68.0
ZR22K3	TF5	1.8	6,477	22,100	2,080	6.0	3.11	10.7	30.6	1.12	24.5	45.0	68.0
ZR22K3	TFD	1.8	6,477	22,100	2,090	3.2	3.10	10.6	30.6	1.12	36.3	22.4	68.0
ZR22KT	TFD	1.8	6,477	22,100	2,080	3.2	3.11	10.6	30.6	1.12	24.5	22.4	68.0
ZR24K3	TF5	2.0	7,268	24,800	2,310	7.0	3.15	10.7	34.1	1.12	28.6	55.0	68.0

200-230V/380V/460V; 60 Hz, 3 Phase

R22

Model		(HP)	Capacity		Power (W)	Current (A)	COP (W/W)	EER (Btu/Wh)	Displacement (cc/ Rev.)	Oil (l)	Weight (kg)	Lock rotor Amps (A)	Noise sound power (dBA)
			(W)	(Btu/h)									
ZR24K3	TFD	2.0	7,268	24,800	2,310	3.5	3.15	10.7	34.1	1.12	28.6	27.0	68.0
ZR24KT	TFD	2.0	7,268	24,800	2,230	3.5	3.26	11.1	34.1	1.12	24.9	27.0	68.0
ZR250KCE	TE5	20.0	73,268	250,000	21,700	66.6	3.38	11.5	325.1	4.67	138.8	505.0	88.0
ZR250KCE	TE7	20.0	73,268	250,000	21,700	37.0	3.38	11.5	325.1	4.67	139.3	290.0	88.0
ZR250KCE	TED	20.0	73,268	250,000	21,700	30.6	3.38	11.5	325.1	4.67	139.3	225.0	88.0
ZR250KCE	TW5	20.0	73,268	250,000	21,700	66.6	3.38	11.5	325.1	4.67	138.8	505.0	88.0
ZR250KCE	TW7	20.0	73,268	250,000	21,700	37.0	3.38	11.5	325.1	4.67	139.3	290.0	88.0
ZR250KCE	TWD	20.0	73,268	250,000	21,700	30.6	3.38	11.5	325.1	4.67	139.3	225.0	88.0
ZR250KC	TE5	20.0	73,268	250,000	21,700	66.6	3.38	11.5	325.1	4.67	138.8	505.0	88.0
ZR250KC	TE7	20.0	73,268	250,000	21,700	37.0	3.38	11.5	325.1	4.67	139.3	290.0	88.0
ZR250KC	TED	20.0	73,268	250,000	21,700	30.6	3.38	11.5	325.1	4.67	139.3	225.0	88.0
ZR250KC	TW5	20.0	73,268	250,000	21,700	66.6	3.38	11.5	325.1	4.67	138.8	505.0	88.0
ZR250KC	TW7	20.0	73,268	250,000	21,700	37.0	3.38	11.5	325.1	4.67	139.3	290.0	88.0
ZR250KC	TWD	20.0	73,268	250,000	21,700	30.6	3.38	11.5	325.1	4.67	139.3	225.0	88.0
ZR25K5E	TF5	2.0	7,415	25,300	2,320	6.9	3.20	10.9	34.1	0.74	22.2	58.0	68.0
ZR25K5E	TFD	2.0	7,415	25,300	2,320	3.5	3.20	10.9	34.1	0.74	21.8	29.0	68.0
ZR25K5	TF5	2.0	7,415	25,300	2,320	6.9	3.20	10.9	34.1	0.74	22.2	58.0	68.0
ZR25K5	TF7	2.0	7,415	25,300	2,320	4.0	3.20	10.9	34.1	0.74	21.8	29.5	68.0
ZR25K5	TFD	2.0	7,415	25,300	2,320	3.5	3.20	10.9	34.1	0.74	21.8	29.0	68.0
ZR26K3	TF5	2.0	7,766	26,500	2,450	7.0	3.17	10.8	36.1	1.12	26.8	55.0	68.0
ZR26K3	TFD	2.0	7,678	26,200	2,430	3.8	3.16	10.8	36.1	1.12	24.0	27.0	68.0
ZR26KA	TF5	2.0	7,620	26,000	2,380	7.1	3.20	10.9	35.1	0.74	21.6	58.0	68.0
ZR28K3	TF5	2.5	8,470	28,900	2,630	7.9	3.22	11.0	39.3	1.12	24.0	63.0	68.0
ZR28K3	TFD	2.5	8,470	28,900	2,630	4.0	3.22	11.0	39.3	1.12	24.0	31.0	68.0
ZR28K5E	TF5	2.5	8,323	28,400	2,590	8.0	3.21	11.0	38.7	0.74	22.2	73.0	68.0
ZR28K5E	TFD	2.5	8,323	28,400	2,590	4.2	3.21	11.0	38.7	0.74	22.7	38.0	68.0
ZR28K5	TF5	2.5	8,323	28,400	2,590	8.0	3.21	11.0	38.7	0.74	22.2	73.0	68.0
ZR28K5	TF7	2.5	8,323	28,400	2,590	4.4	3.21	11.0	38.7	0.74	22.7	38.0	68.0
ZR28K5	TFD	2.5	8,323	28,400	2,590	4.2	3.21	11.0	38.7	0.74	22.7	38.0	68.0
ZR28KT	TFD	2.5	8,470	28,900	2,630	4.0	3.22	11.0	39.3	1.12	25.4	31.0	68.0
ZR300KCE	TWD	25.0	86,749	296,000	25,300	36.8	3.43	11.7	384.6	6.30	184.2	250.0	90.0
ZR300KC	TE5	25.0	86,749	296,000	25,300	73.5	3.43	11.7	384.6	6.30	184.2	500.0	90.0
ZR300KC	TW5	25.0	86,749	296,000	25,300	73.5	3.43	11.7	384.6	6.30	184.2	500.0	90.0
ZR300KC	TW7	25.0	86,749	296,000	25,300	44.5	3.43	11.7	384.6	6.30	184.2	305.0	90.0
ZR300KC	TWD	25.0	86,749	296,000	25,300	36.8	3.43	11.7	384.6	6.30	184.2	250.0	90.0
ZR30K3	TF5	2.5	9,115	31,100	2,830	8.3	3.22	11.0	42.0	1.24	25.9	63.0	68.0
ZR30K3	TFD	2.5	9,115	31,100	2,830	4.2	3.22	11.0	42.0	1.24	28.1	31.0	68.0
ZR30KS	TFD	2.5	8,968	30,600	2,730	4.1	3.28	11.2	41.0	0.74	21.8	44.4	71.0
ZR30KT	TFD	2.5	9,115	31,100	2,830	4.2	3.22	11.0	42.0	1.24	25.9	31.0	68.0
ZR310KC	TE7	26.0	89,680	306,000	27,100	47.0	3.31	11.3	410.5	6.80	160.1	353.0	90.0
ZR310KC	TED	26.0	89,680	306,000	27,100	38.9	3.31	11.3	410.5	6.80	160.1	272.0	90.0
ZR310KC	TW7	26.0	89,680	306,000	27,100	47.0	3.31	11.3	410.5	6.80	160.1	353.0	90.0
ZR310KC	TWD	26.0	89,680	306,000	27,100	38.8	3.31	11.3	410.5	6.80	160.1	272.0	90.0
ZR32K3	TF5	2.5	9,554	32,600	2,910	8.7	3.28	11.2	43.4	1.24	28.6	77.0	71.0
ZR32K3	TFD	2.5	9,554	32,600	2,910	4.4	3.28	11.2	43.4	1.24	28.6	35.0	71.0
ZR32K5E	TF5	2.5	9,554	32,600	2,910	8.7	3.28	11.2	44.1	0.74	22.2	73.0	68.0

200-230V/380V/460V; 60 Hz, 3 Phase

R22

Model		(HP)	Capacity		Power (W)	Current (A)	COP (W/W)	EER (Btu/ Wh)	Displacement (cc/ Rev.)	Oil (l)	Weight (kg)	Lock rotor Amps (A)	Noise sound power (dBA)
			(W)	(Btu/h)									
ZR32K5E	TFD	2.5	9,554	32,600	2,910	4.4	3.28	11.2	44.1	0.74	22.2	38.0	68.0
ZR32K5	TF5	2.5	9,554	32,600	2,910	8.7	3.28	11.2	44.1	0.74	22.2	73.0	68.0
ZR32K5	TF7	2.5	9,554	32,600	2,910	5.0	3.28	11.2	44.1	0.74	22.2	38.0	68.0
ZR32K5	TFD	2.5	9,554	32,600	2,910	4.4	3.28	11.2	44.1	0.74	22.2	38.0	68.0
ZR32KA	TF5	2.5	9,554	32,600	2,910	9.0	3.28	11.2	43.9	0.74	22.3	73.0	68.0
ZR32KA	TFD	2.5	9,554	32,600	2,910	4.5	3.28	11.2	43.9	0.74	22.4	38.0	68.0
ZR32KS	TFD	2.5	9,642	32,900	2,940	4.3	3.28	11.2	44.2	0.74	21.8	44.4	71.0
ZR34K3	TF5	3.0	9,964	34,000	2,970	9.1	3.36	11.4	46.2	1.24	25.9	77.0	71.0
ZR34K3	TF7	3.0	9,964	34,000	3,200	5.4	3.11	10.6	46.2	1.24	31.3	39.0	71.0
ZR34K3	TFD	3.0	9,964	34,000	2,970	4.6	3.36	11.4	46.2	1.24	25.9	39.0	71.0
ZR34K5	TF5	3.0	10,199	34,800	3,200	9.5	3.19	10.9	46.2	0.74	21.8	73.0	68.0
ZR34KA	TF5	3.0	9,964	34,000	3,100	9.2	3.21	11.0	46.2	0.74	22.0	73.0	68.0
ZR34KA	TFD	3.0	9,964	34,000	3,100	4.7	3.21	11.0	46.2	0.74	22.2	38.0	68.0
ZR34KH	TFD	3.0	9,847	33,600	2,980	4.7	3.30	11.3	46.2	1.04	36.3	39.0	71.0
ZR34KL	TF5	3.0	9,964	34,000	2,970	9.1	3.36	11.4	46.2	1.24	29.0	77.0	71.0
ZR34KT	TFD	3.0	9,964	34,000	2,970	4.6	3.36	11.5	46.2	1.24	26.8	39.0	71.0
ZR36K3	TF5	3.0	10,814	36,900	3,250	9.7	3.33	11.3	49.5	1.24	30.8	77.0	71.0
ZR36K3	TFD	3.0	10,814	36,900	3,250	4.9	3.33	11.3	49.5	1.24	30.8	39.0	71.0
ZR36KE	TFD	3.0	10,814	36,900	3,250	5.1	3.33	11.4	49.5	1.24	29.9	53.0	71.0
ZR36KH	TFD	3.0	10,638	36,300	3,220	4.9	3.30	11.3	49.5	1.24	13.6	39.0	71.0
ZR36KT	TFD	3.0	10,814	36,900	3,250	4.9	3.33	11.4	49.5	1.24	27.2	39.0	71.0
ZR380KC	TE5	30.0	111,074	379,000	32,700	94.2	3.40	11.6	502.6	6.30	176.9	599.0	92.0
ZR380KC	TE7	30.0	111,074	379,000	32,700	57.0	3.40	11.6	502.6	6.30	176.9	358.0	92.0
ZR380KC	TED	30.0	111,074	379,000	32,700	47.1	3.40	11.6	502.6	6.30	176.9	310.0	92.0
ZR380KC	TW5	30.0	111,074	379,000	32,700	94.2	3.40	11.6	502.6	6.30	176.9	599.0	92.0
ZR380KC	TW7	30.0	111,074	379,000	32,700	57.0	3.40	11.6	502.6	6.30	176.9	358.0	92.0
ZR380KC	TWD	30.0	111,074	379,000	32,700	47.1	3.40	11.6	502.6	6.30	176.9	310.0	92.0
ZR38K5E	TF5	3.0	11,137	38,000	3,400	10.4	3.28	11.2	51.0	1.24	27.2	93.0	73.0
ZR38K5E	TFD	3.0	11,137	38,000	3,400	5.2	3.28	11.2	51.0	1.24	27.2	48.0	73.0
ZR38K5	TF5	3.0	11,137	38,000	3,400	10.4	3.28	11.2	51.0	1.24	27.2	93.0	73.0
ZR38K5	TF7	3.0	11,137	38,000	3,400	5.9	3.28	11.2	51.0	1.24	27.2	46.0	73.0
ZR38K5	TFD	3.0	11,137	38,000	3,400	5.0	3.28	11.2	51.0	1.24	27.2	48.0	73.0
ZR38KA	TF5	3.0	11,137	38,000	3,400	10.2	3.28	11.2	52.3	1.24	27.4	88.0	70.0
ZR38KA	TFD	3.0	11,137	38,000	3,400	5.1	3.28	11.2	52.3	1.24	27.5	44.0	70.0
ZR39KH	TFD	3.5	11,811	40,300	3,470	5.3	3.40	11.6	54.2	1.24	30.4	44.0	71.0
ZR40K3	TF5	3.5	11,899	40,600	3,560	10.7	3.34	11.4	54.2	1.24	26.8	88.0	71.0
ZR40K3	TFD	3.5	11,899	40,600	3,560	5.4	3.34	11.4	54.2	1.24	26.8	44.0	71.0
ZR40KT	TFD	3.5	11,899	40,600	3,560	5.3	3.34	11.4	54.2	1.24	28.1	44.0	71.0
ZR42K3	TF5	3.5	12,543	42,800	3,750	11.1	3.34	11.4	57.2	1.24	32.7	88.0	71.0
ZR42K3	TF7	3.5	12,631	43,100	3,790	7.0	3.33	11.4	57.2	1.24	28.1	54.0	71.0
ZR42K3	TFD	3.5	12,543	42,800	3,750	5.6	3.34	11.4	57.2	1.24	32.7	44.0	71.0
ZR42K5E	TF5	3.5	12,368	42,200	3,750	11.3	3.30	11.3	56.5	1.24	27.7	93.0	73.0
ZR42K5E	TFD	3.5	12,368	42,200	3,750	5.7	3.30	11.3	56.5	1.24	27.2	48.0	73.0
ZR42K5	TF5	3.5	12,368	42,200	3,750	11.3	3.30	11.3	56.5	1.24	27.7	93.0	73.0
ZR42K5	TFD	3.5	12,368	42,200	3,750	5.7	3.30	11.3	56.5	1.24	27.2	48.0	73.0
ZR42KA	TF5	3.5	12,368	42,200	3,750	11.1	3.30	11.3	56.5	1.24	27.6	88.0	70.0

200-230V/380V/460V; 60 Hz, 3 Phase

R22

Model		(HP)	Capacity		Power (W)	Current (A)	COP (W/W)	EER (Btu/Wh)	Displacement (cc/ Rev.)	Oil (l)	Weight (kg)	Lock rotor Amps (A)	Noise sound power (dBA)
			(W)	(Btu/h)									
ZR42KA	TFD	3.5	12,368	42,200	3,750	5.7	3.30	11.3	56.5	1.24	27.6	44.0	71.0
ZR42KE	TFD	3.5	12,543	42,800	3,760	5.5	3.34	11.4	57.2	1.24	29.9	53.0	71.0
ZR42KT	TFD	3.5	12,543	42,800	3,750	5.6	3.34	11.4	57.2	1.24	28.1	44.0	71.0
ZR44K5	TF5	3.5	12,895	44,000	3,820	11.2	3.38	11.5	58.3	1.24	28.6	98.0	73.0
ZR44K5	TFD	3.5	12,895	44,000	3,850	5.4	3.35	11.4	58.3	1.24	28.6	41.0	73.0
ZR44KA	TF5	3.5	12,895	44,000	3,820	10.8	3.38	11.5	59.5	1.24	28.9	83.1	70.0
ZR44KA	TFD	3.5	12,895	44,000	3,820	5.5	3.38	11.5	59.5	1.24	28.9	41.0	70.0
ZR45K3	TF5	3.5	13,364	45,600	4,000	12.0	3.34	11.4	61.1	1.36	28.1	91.0	71.0
ZR45K3	TFD	3.5	13,364	45,600	4,000	6.0	3.34	11.4	61.1	1.36	28.1	46.0	71.0
ZR45KCE	TF5	3.5	13,481	46,000	4,000	12.1	3.37	11.5	61.1	1.36	28.1	91.0	71.0
ZR45KCE	TFD	3.5	13,481	46,000	4,000	6.1	3.37	11.5	61.1	1.36	28.1	46.0	71.0
ZR45KC	TF5	3.5	13,481	46,000	4,000	12.1	3.37	11.5	61.1	1.36	28.1	91.0	71.0
ZR45KC	TFD	3.5	13,481	46,000	4,000	6.1	3.37	11.5	61.1	1.36	28.1	46.0	71.0
ZR45KE	TFD	3.5	13,481	46,000	4,000	5.8	3.37	11.5	61.1	1.24	29.9	53.0	71.0
ZR45KT	TFD	3.5	13,481	46,000	4,000	6.1	3.37	11.5	61.1	1.36	28.1	46.0	71.0
ZR46K3	TF5	4.0	13,511	46,100	4,100	11.8	3.30	11.2	62.9	1.95	37.2	120.0	72.0
ZR46K3	TFD	4.0	13,511	46,100	4,100	5.9	3.30	11.2	62.9	1.95	37.2	49.5	72.0
ZR47K3	TF5	4.0	13,921	47,500	4,170	13.1	3.34	11.4	63.3	1.36	28.1	91.0	71.0
ZR47K3	TFD	4.0	13,921	47,500	4,170	6.0	3.34	11.4	63.3	1.36	28.1	50.0	71.0
ZR47KC	TF5	4.0	13,921	47,500	4,130	12.2	3.37	11.5	64.2	1.36	28.1	91.0	71.0
ZR47KC	TF7	4.0	13,921	47,500	4,130	7.4	3.37	11.5	63.4	1.36	28.1	54.0	71.0
ZR47KS	TF5	4.0	13,921	47,500	4,130	12.2	3.37	11.5	63.4	1.36	28.1	91.0	71.0
ZR47KS	TF7	4.0	13,921	47,500	4,130	7.4	3.37	11.5	63.4	1.36	28.1	54.0	71.0
ZR47KS	TFD	4.0	13,921	47,500	4,130	6.1	3.37	11.5	63.4	1.36	28.1	46.0	71.0
ZR47KT	TFD	4.0	13,921	47,500	4,130	6.1	3.37	11.5	64.2	1.36	28.1	46.0	71.0
ZR48K3	TF5	4.0	14,390	49,100	4,320	12.7	3.33	11.4	65.5	1.36	32.7	91.0	71.0
ZR48K3	TFD	4.0	14,331	48,900	4,320	6.5	3.32	11.3	65.5	1.36	28.1	50.0	71.0
ZR48K5E	TF5	4.0	14,126	48,200	4,160	12.0	3.40	11.6	63.4	1.24	31.3	114.0	73.0
ZR48K5E	TFD	4.0	14,126	48,200	4,170	6.3	3.39	11.6	63.4	1.24	29.0	58.0	73.0
ZR48K5	TF5	4.0	14,126	48,200	4,160	12.0	3.40	11.6	63.4	1.24	31.3	114.0	73.0
ZR48K5	TF7	4.0	14,126	48,200	4,170	7.0	3.39	11.6	63.4	1.24	29.0	51.8	73.0
ZR48K5	TFD	4.0	14,126	48,200	4,170	6.3	3.39	11.6	63.4	1.24	29.0	58.0	73.0
ZR48KC	TF5	4.0	14,390	49,100	4,270	12.6	3.37	11.5	65.5	1.36	28.1	91.0	71.0
ZR48KC	TF7	4.0	14,390	49,100	4,270	7.6	3.37	11.5	65.5	1.36	28.1	54.0	71.0
ZR48KC	TFD	4.0	14,390	49,100	4,270	6.3	3.37	11.5	65.5	1.36	28.1	50.0	71.0
ZR48KE	TF7	4.0	14,390	49,100	4,230	7.6	3.40	11.6	65.5	1.36	28.6	61.4	72.0
ZR48KE	TFD	4.0	14,331	48,900	4,260	6.3	3.36	11.5	65.5	1.24	29.9	53.0	71.0
ZR48KT	TFD	4.0	14,331	48,900	4,320	6.5	3.32	11.3	65.5	1.36	28.1	50.0	71.0
ZR49K3	TF5	4.0	14,419	49,200	4,360	12.6	3.31	11.3	67.2	1.95	37.2	120.0	72.0
ZR49K3	TFD	4.0	14,419	49,200	4,360	6.3	3.31	11.3	67.2	1.95	37.2	49.5	76.0
ZR52K3	TF5	4.0	15,240	52,000	4,560	13.4	3.34	11.4	70.1	1.95	0.0	128.0	74.0
ZR52K3	TFD	4.0	15,240	52,000	4,560	6.5	3.34	11.4	70.1	1.95	0.0	49.5	74.0
ZR54K3	TF5	4.5	15,884	54,200	4,700	13.9	3.38	11.5	73.3	1.95	38.6	123.0	74.0
ZR54K3	TFD	4.5	15,972	54,500	4,830	6.9	3.31	11.3	73.3	1.95	37.2	49.5	74.0
ZR54K5E	TF5	4.5	15,679	53,500	4,740	13.6	3.31	11.3	72.1	1.24	30.8	114.0	73.0
ZR54K5E	TFD	4.5	15,679	53,500	4,740	6.8	3.31	11.3	72.1	1.24	30.8	52.0	73.0

200-230V/380V/460V; 60 Hz, 3 Phase

R22

Model		(HP)	Capacity		Power (W)	Current (A)	COP (W/W)	EER (Btu/ Wh)	Displacement (cc/ Rev.)	Oil (l)	Weight (kg)	Lock rotor Amps (A)	Noise sound power (dBA)
			(W)	(Btu/h)									
ZR54K5	TF5	4.5	15,679	53,500	4,740	13.6	3.31	11.3	72.1	1.24	30.8	114.0	73.0
ZR54K5	TF7	4.5	15,679	53,500	4,730	7.9	3.31	11.3	72.1	1.24	30.8	65.0	73.0
ZR54K5	TFD	4.5	15,679	53,500	4,740	6.8	3.31	11.3	72.1	1.24	30.8	52.0	73.0
ZR54KA	TF5	4.5	15,679	53,500	4,730	13.3	3.31	11.3	71.3	1.24	31.0	110.0	70.0
ZR54KA	TFD	4.5	15,679	53,500	4,730	6.6	3.31	11.3	71.3	1.24	30.9	52.0	70.0
ZR54KC	TF5	4.5	16,119	55,000	4,780	14.8	3.37	11.5	73.3	1.95	36.3	124.0	74.0
ZR54KC	TFD	4.5	16,119	55,000	4,780	7.4	3.37	11.5	73.3	1.95	35.8	59.6	74.0
ZR54KE	TFD	4.5	16,119	55,000	4,780	7.6	3.37	11.5	73.1	1.36	29.9	74.8	72.0
ZR54KS	TF5	4.5	15,972	54,500	4,670	14.3	3.42	11.6	73.1	1.24	29.9	125.0	72.0
ZR54KS	TF7	4.5	15,972	54,500	4,700	8.3	3.40	11.6	73.1	1.24	29.9	65.0	72.0
ZR54KS	TFD	4.5	15,972	54,500	4,670	7.2	3.42	11.6	73.1	1.24	29.9	59.0	72.0
ZR54KT	TFD	4.5	16,119	55,000	4,780	14.8	3.37	11.5	73.3	1.95	35.8	59.6	74.0
ZR57K3E	TF5	4.5	17,145	58,500	4,980	14.5	3.44	11.7	77.2	1.95	38.6	123.0	74.0
ZR57K3E	TFD	4.5	17,145	58,500	5,000	7.3	3.43	11.7	77.2	1.95	38.6	62.0	74.0
ZR57K3	TF5	4.5	17,145	58,500	4,980	14.5	3.44	11.7	77.2	1.95	38.6	123.0	74.0
ZR57K3	TFD	4.5	17,145	58,500	5,000	7.3	3.43	11.7	77.2	1.95	38.6	62.0	74.0
ZR57KC	TF5	4.5	16,852	57,500	5,000	15.4	3.37	11.5	77.2	1.95	36.3	124.0	74.0
ZR57KC	TF7	4.5	16,852	57,500	5,000	9.3	3.37	11.5	77.2	1.95	35.8	75.0	74.0
ZR57KC	TFD	4.5	16,852	57,500	5,000	7.7	3.37	11.5	77.2	1.95	36.3	59.6	74.0
ZR57KE	TF5	4.5	16,852	57,500	4,960	15.3	3.40	11.6	77.2	1.36	28.6	137.0	72.0
ZR57KE	TF7	4.5	16,265	55,500	4,790	8.5	3.40	11.6	77.2	1.36	28.6	68.0	72.0
ZR57KE	TFD	4.5	17,115	58,400	5,040	8.0	3.40	11.6	77.2	1.36	28.6	74.8	72.0
ZR57KH	TFD	4.5	17,027	58,100	5,050	7.5	3.37	11.5	77.2	1.95	38.6	62.0	74.0
ZR57KS	TF5	4.5	17,145	58,500	5,050	15.0	3.39	11.6	77.2	1.24	29.9	125.0	72.0
ZR57KS	TF7	4.5	17,145	58,500	5,100	8.9	3.36	11.5	77.2	1.24	29.9	65.0	72.0
ZR57KS	TFD	4.5	17,145	58,500	5,050	7.5	3.39	11.6	77.2	1.24	29.9	59.0	72.0
ZR57KT	TFD	4.5	16,852	57,500	5,000	7.7	3.37	11.5	77.2	1.95	36.3	59.6	74.0
ZR61K3E	TF5	5.0	18,170	62,000	5,350	16.5	3.40	11.6	82.6	1.95	38.1	137.0	74.0
ZR61K3E	TFD	5.0	18,170	62,000	5,350	7.8	3.40	11.6	82.6	1.95	38.1	62.0	74.0
ZR61K3	TF5	5.0	18,170	62,000	5,340	16.5	3.40	11.6	82.6	1.95	38.1	137.0	74.0
ZR61K3	TFD	5.0	18,170	62,000	5,350	7.8	3.40	11.6	82.6	1.95	38.1	62.0	74.0
ZR61KC	TF5	5.0	18,170	62,000	5,400	16.7	3.36	11.5	82.6	1.95	35.4	128.0	74.0
ZR61KC	TF7	5.0	18,170	62,000	5,400	9.3	3.36	11.5	82.6	1.95	36.3	64.0	74.0
ZR61KC	TFD	5.0	18,170	62,000	5,400	8.4	3.36	11.5	82.6	1.95	35.8	63.0	74.0
ZR61KE	TF7	5.0	18,229	62,200	5,420	9.5	3.36	11.5	82.6	1.36	29.9	68.0	72.0
ZR61KE	TFD	5.0	18,317	62,500	5,390	8.4	3.40	11.6	82.6	1.36	29.9	74.8	69.0
ZR61KH	TFD	5.0	18,112	61,800	5,430	8.1	3.34	11.4	82.6	1.77	27.2	68.0	75.0
ZR61KS	TF5	5.0	18,170	62,000	5,350	15.8	3.40	11.6	82.6	1.24	29.9	125.0	72.0
ZR61KS	TF7	5.0	18,170	62,000	5,350	9.2	3.40	11.6	82.6	1.24	29.9	65.0	72.0
ZR61KS	TFD	5.0	18,170	62,000	5,350	7.9	3.40	11.6	82.6	1.24	29.9	56.0	72.0
ZR61KT	TFD	5.0	18,170	62,000	5,400	8.4	3.36	11.5	82.6	1.95	35.8	63.0	74.0
ZR68KCE	TF5	5.5	20,515	70,000	5,950	17.5	3.45	11.8	93.1	1.77	39.0	156.0	75.0
ZR68KCE	TFD	5.5	20,515	70,000	5,950	8.7	3.45	11.8	93.1	1.77	39.0	75.0	75.0
ZR68KC	TF5	5.5	20,515	70,000	5,950	17.5	3.45	11.8	93.1	1.77	39.0	156.0	75.0
ZR68KC	TFD	5.5	20,515	70,000	5,950	8.8	3.45	11.8	93.1	1.77	39.0	75.0	75.0
ZR68KT	TFD	6.0	20,515	70,000	5,950	8.7	3.45	11.8	93.1	1.77	39.0	75.0	75.0

200-230V/380V/460V; 60 Hz, 3 Phase

R22

Model		(HP)	Capacity		Power (W)	Current (A)	COP (W/W)	EER (Btu/Wh)	Displacement (cc/ Rev.)	Oil (l)	Weight (kg)	Lock rotor Amps (A)	Noise sound power (dBA)
			(W)	(Btu/h)									
ZR72KCE	TF5	6.0	21,541	73,500	6,250	18.1	3.45	11.7	98.0	1.77	38.6	156.0	75.0
ZR72KCE	TF7	6.0	21,541	73,500	6,250	10.5	3.45	11.7	98.0	1.77	38.6	70.0	75.0
ZR72KCE	TFD	6.0	21,541	73,500	6,250	9.1	3.45	11.7	98.0	1.77	38.6	75.0	75.0
ZR72KC	TF5	6.0	21,541	73,500	6,250	18.2	3.45	11.7	98.0	1.77	38.6	156.0	75.0
ZR72KC	TF7	6.0	21,541	73,500	6,250	10.5	3.45	11.7	98.0	1.77	38.6	70.0	75.0
ZR72KC	TFD	6.0	21,541	73,500	6,250	9.1	3.45	11.7	98.0	1.77	38.6	75.0	75.0
ZR72KS	TF5	6.0	21,541	73,500	6,250	18.2	3.45	11.7	98.0	1.77	38.6	156.0	75.0
ZR72KS	TF7	6.0	21,541	73,500	6,250	10.5	3.45	11.7	98.0	1.77	38.6	70.0	75.0
ZR72KS	TFD	6.0	21,541	73,500	6,250	9.1	3.45	11.7	98.0	1.77	38.6	75.0	75.0
ZR72KT	TFD	6.0	21,541	73,500	6,260	9.1	3.44	11.8	98.0	1.77	38.6	75.0	75.0
ZR81KCE	TF5	7.0	24,032	82,000	6,950	20.8	3.46	11.8	107.8	1.77	39.0	164.0	75.0
ZR81KCE	TFD	7.0	24,032	82,000	6,950	11.0	3.46	11.8	107.8	1.77	39.0	100.0	75.0
ZR81KC	TF5	7.0	24,032	82,000	6,950	20.8	3.46	11.8	107.8	1.77	39.0	164.0	75.0
ZR81KC	TF7	7.0	24,032	82,000	6,950	11.8	3.46	11.8	107.8	1.77	39.0	100.0	75.0
ZR81KC	TFD	7.0	24,032	82,000	6,950	11.0	3.46	11.8	107.8	1.77	39.0	100.0	75.0
ZR81KTE	TF5	7.0	24,032	82,000	6,950	20.9	3.46	11.8	107.8	1.77	39.0	164.0	75.0
ZR81KT	TFD	7.0	24,032	82,000	6,950	11.0	3.46	11.8	107.8	1.77	39.0	100.0	75.0
ZR84KC	TF5	7.0	25,058	85,500	7,300	22.8	3.43	11.8	113.6	2.51	57.2	196.0	78.0
ZR84KC	TF7	7.0	25,058	85,500	7,300	13.8	3.43	11.8	113.6	2.51	57.2	135.0	78.0
ZR84KC	TFD	7.0	25,058	85,500	7,300	11.4	3.43	11.8	113.6	2.51	57.2	100.0	78.0
ZR90K3E	TW7	7.5	26,083	89,000	8,000	15.1	3.26	11.1	120.0	4.14	93.9	112.0	83.0
ZR90K3E	TWD	7.5	26,083	89,000	8,000	12.5	3.26	11.1	120.0	4.14	93.9	99.0	83.0
ZR90K3	TW7	7.5	26,083	89,000	8,000	15.1	3.26	11.1	120.0	4.14	93.9	112.0	83.0
ZR90K3	TWD	7.5	26,083	89,000	8,000	12.5	3.26	11.1	120.0	4.14	93.9	99.0	83.0
ZR94KC	TF5	8.0	28,281	96,500	8,200	24.9	3.45	11.8	127.2	2.51	56.7	195.0	78.0
ZR94KC	TFD	8.0	28,281	96,500	8,200	12.8	3.45	11.8	127.2	2.51	57.2	95.0	78.0

Note: All values as per AHRI test standards: Evaporating temperature: 7.2°C, Condensing temperature: 54.4°C. Subcooling: 8.3K, Superheat: 11.1K, Ambient temperature: 35°C

380V; 50 Hz, 3 Phase

R22

Model		(HP)	Capacity		Power (W)	Current (A)	COP (W/W)	EER (Btu/Wh)	Displacement (cc/ Rev.)	Oil (l)	Weight (kg)	Lock rotor Amps (A)	Noise sound power (dBA)
			(W)	(Btu/h)									
VR108KF	TFP	9.0	26,376	90,000	7,630	14.0	3.46	11.8	142.9	3.25	59.9	112.0	74.0
VR108KS	TFP	9.0	26,376	90,000	7,550	13.7	3.49	12.0	142.9	3.25	59.9	100.0	74.0
VR125KF	TFP	10.0	31,066	106,000	9,140	16.7	3.40	11.6	167.1	3.25	61.2	153.0	75.0
VR125KS	TFP	10.0	31,066	106,000	9,000	15.8	3.45	11.8	167.1	3.25	61.2	110.0	75.0
VR144KF	TFP	12.0	35,169	120,000	10,250	18.5	3.43	11.7	190.9	3.25	61.2	153.0	76.0
VR144KS	TFP	12.0	35,169	120,000	10,100	17.6	3.48	11.8	190.9	3.25	61.2	110.0	76.0
VR160KS	TFP	13.0	38,099	130,000	11,300	20.2	3.37	11.5	209.1	3.25	64.9	133.0	79.0
VR30KM	TFP	2.5	7,385	25,200	2,210	4.5	3.34	11.4	40.5	0.77	19.5	35.0	63.0
VR30KS	TFP	2.5	7,327	25,000	2,230	4.1	3.29	11.2	41.0	0.74	21.8	34.0	68.0
VR32KS	TFP	2.5	7,913	27,000	2,410	4.3	3.28	11.2	44.2	0.74	21.8	34.0	68.0
VR34KF	TFP	3.0	8,265	28,200	2,560	4.5	3.23	11.0	46.2	0.74	21.8	34.0	68.0
VR48KS	TFP	4.0	11,869	40,500	3,600	6.1	3.30	11.2	65.5	1.36	29.9	50.0	68.0

380V; 50 Hz, 3 Phase

R22

Model		(HP)	Capacity		Power (W)	Current (A)	COP (W/W)	EER (Btu/Wh)	Displacement (cc/ Rev.)	Oil (l)	Weight (kg)	Lock rotor Amps (A)	Noise sound power (dBA)
			(W)	(Btu/h)									
VR108KF	TFP	9.0	26,376	90,000	7,630	14.0	3.46	11.8	142.9	3.25	59.9	112.0	74.0
VR108KS	TFP	9.0	26,376	90,000	7,550	13.7	3.49	12.0	142.9	3.25	59.9	100.0	74.0
VR125KF	TFP	10.0	31,066	106,000	9,140	16.7	3.40	11.6	167.1	3.25	61.2	153.0	75.0
VR125KS	TFP	10.0	31,066	106,000	9,000	15.8	3.45	11.8	167.1	3.25	61.2	110.0	75.0
VR144KF	TFP	12.0	35,169	120,000	10,250	18.5	3.43	11.7	190.9	3.25	61.2	153.0	76.0
VR144KS	TFP	12.0	35,169	120,000	10,100	17.6	3.48	11.8	190.9	3.25	61.2	110.0	76.0
VR160KS	TFP	13.0	38,099	130,000	11,300	20.2	3.37	11.5	209.1	3.25	64.9	133.0	79.0
VR30KM	TFP	2.5	7,385	25,200	2,210	4.5	3.34	11.4	40.5	0.77	19.5	35.0	63.0
VR30KS	TFP	2.5	7,327	25,000	2,230	4.1	3.29	11.2	41.0	0.74	21.8	34.0	68.0
VR32KS	TFP	2.5	7,913	27,000	2,410	4.3	3.28	11.2	44.2	0.74	21.8	34.0	68.0
VR34KF	TFP	3.0	8,265	28,200	2,560	4.5	3.23	11.0	46.2	0.74	21.8	34.0	68.0
VR48KS	TFP	4.0	11,869	40,500	3,600	6.1	3.30	11.2	65.5	1.36	29.9	50.0	68.0
VR50KS	TFP	4.0	12,309	42,000	3,620	6.7	3.40	11.6	67.4	1.36	29.9	59.0	69.0
VR52KM	TFP	4.0	14,097	48,100	3,200	6.4	4.41	15.0	70.3	1.48	30.4	58.0	69.0
VR52KS	TFP	4.0	12,807	43,700	3,770	7.0	3.40	11.6	70.3	1.48	29.9	59.0	69.0
VR52KU	TFP	4.0	13,071	44,600	3,710	6.8	3.52	12.0	70.3	1.48	29.9	58.0	69.0
VR53KS	TFP	4.5	13,188	45,000	3,780	7.1	3.49	11.9	72.8	1.36	29.9	58.0	69.0
VR54KM	TFP	4.5	14,624	49,900	3,320	6.5	4.40	15.0	72.8	1.36	29.9	66.0	69.0
VR54KS	TFP	4.5	13,188	45,000	3,920	7.4	3.36	11.5	73.1	1.48	29.9	58.0	69.0
VR54KU	TFP	4.5	13,569	46,300	3,850	7.0	3.52	12.0	72.8	1.48	29.9	58.0	69.0
VR57KF	TFP	4.5	13,921	47,500	4,320	9.1	3.22	11.0	77.2	1.36	29.9	58.7	69.0
VR57KS	TFP	4.5	13,921	47,500	4,130	7.8	3.37	11.5	77.2	1.36	28.6	58.0	69.0
VR61KF	TFP	5.0	14,947	51,000	4,470	8.3	3.34	11.4	82.6	1.36	0.9	58.0	69.0
VR84KS	TFP	7.0	20,808	71,000	6,000	11.9	3.47	11.8	113.6	2.51	57.2	90.0	73.0
VR94KS	TFP	8.0	23,299	79,500	6,750	12.5	3.45	11.8	127.2	2.51	57.2	86.0	73.0

Note: All values as per AHRI test standards: Evaporating temperature: 7.2°C, Condensing temperature: 54.4°C. Subcooling: 8.3K, Superheat: 11.1K, Ambient temperature: 35°C

220V; 50 Hz, 1 Phase

R22

Model		(HP)	Capacity		Power (W)	Current (A)	COP (W/W)	EER (Btu/Wh)	Displacement (cc/ Rev.)	Oil (l)	Weight (kg)	Lock rotor Amps (A)	Noise sound power (dBA)
			(W)	(Btu/h)									
VR30KM	PFS	2.5	7,385	25,200	2,210	10.1	3.34	11.4	40.5	0.77	19.5	52.9	63.0
VR30KS	PFS	2.5	7,327	25,000	2,230	10.2	3.29	11.2	41.0	0.74	21.3	55.4	68.0
VR30KV	PFS	2.5	N/A	N/A	N/A	N/A	N/A	N/A	40.5	0.77	19.6	52.9	N/A
VR31KM	PFS	2.5	7,796	26,600	2,370	11.0	3.29	11.2	42.4	0.77	19.5	55.5	63.0
VR32KS	PFS	2.5	7,913	27,000	2,410	10.9	3.28	11.2	44.2	0.74	21.8	60.0	68.0
VR34KF	PFS	3.0	8,265	28,200	2,560	11.7	3.23	11.0	46.2	0.74	21.8	62.2	68.0

Note: All values as per AHRI test standards: Evaporating temperature: 7.2°C, Condensing temperature: 54.4°C. Subcooling: 8.3K, Superheat: 11.1K, Ambient temperature: 35°C

380-420V; 50 Hz, 3 Phase

R407C

Model		(HP)	Capacity		Power (W)	Current (A)	COP (W/W)	EER (Btu/Wh)	Displacement (cc/ Rev.)	Oil (l)	Weight (kg)	Lock rotor Amps (A)	Noise sound power (dBA)
			(W)	(Btu/h)									
ZR108KC	TFD	9.0	26,376	90,000	7,550	13.8	3.49	12.0	142.9	3.25	59.9	111.0	74.0
ZR108KF	TFD	9.0	26,376	90,000	7,630	14.0	3.46	11.8	142.9	3.25	59.9	127.0	74.0
ZR108KT	TFD	9.0	26,376	90,000	7,550	13.8	3.49	12.0	142.9	3.25	59.9	111.0	74.0
ZR11M3E	TWD	9.0	26,230	89,500	7,950	14.4	3.30	11.3	144.0	4.14	96.2	123.0	78.0
ZR11M3	TWD	9.0	26,230	89,500	7,950	14.4	3.30	11.3	144.0	4.14	96.2	123.0	78.0
ZR125KC	TFD	10.0	31,066	106,000	9,000	15.8	3.45	11.8	167.1	3.25	61.2	118.0	75.0
ZR125KF	TFD	10.0	31,066	106,000	9,140	16.7	3.40	11.6	167.1	3.25	61.2	153.0	75.0
ZR125KT	TFD	10.0	31,066	106,000	9,000	15.8	3.45	11.8	167.1	3.25	61.2	118.0	75.0
ZR12M3E	TWD	10.0	30,479	104,000	9,100	16.5	3.35	11.4	165.5	4.14	100.2	127.0	78.0
ZR12M3	TWD	10.0	30,479	104,000	9,100	16.5	3.35	11.4	165.5	4.14	100.2	127.0	78.0
ZR144KC	TFD	12.0	35,169	120,000	10,100	17.7	3.48	11.9	190.9	3.25	61.2	118.0	76.0
ZR144KF	TFD	12.0	35,315	120,500	10,250	18.6	3.45	11.8	190.9	3.25	61.2	153.0	76.0
ZR144KT	TFD	12.0	35,169	120,000	10,100	17.6	3.48	11.9	190.9	3.25	61.2	118.0	76.0
ZR160KC	TED	13.0	38,099	130,000	11,300	20.3	3.37	11.5	209.1	3.37	64.9	140.0	79.0
ZR160KC	TFD	13.0	38,099	130,000	11,300	20.3	3.37	11.5	209.1	3.25	64.9	140.0	79.0
ZR160KC	TWD	13.0	38,099	130,000	11,300	20.3	3.37	11.5	209.1	3.25	64.9	140.0	79.0
ZR160KT	TFD	13.0	38,099	130,000	11,300	20.3	3.37	11.5	209.1	3.25	64.9	140.0	79.0
ZR16M3E	TWD	13.0	37,513	128,000	11,200	19.1	3.35	11.4	204.3	4.14	103.0	167.0	80.0
ZR16M3	TWD	13.0	37,513	128,000	11,200	19.1	3.35	11.4	204.3	4.14	103.0	167.0	80.0
ZR190KC	TED	15.0	45,426	155,000	13,600	25.6	3.34	11.4	249.1	3.37	64.9	173.0	82.0
ZR190KC	TFD	15.0	45,426	155,000	13,600	25.6	3.34	11.4	249.1	3.25	66.2	174.0	82.0
ZR190KC	TWD	15.0	45,426	155,000	13,600	25.6	3.34	11.4	249.1	3.25	66.2	173.0	82.0
ZR190KT	TFD	15.0	45,426	155,000	13,600	25.6	3.34	11.4	249.1	3.25	66.2	174.0	82.0
ZR19M3	TWD	15.0	46,012	157,000	13,600	23.7	3.38	11.5	245.8	4.14	107.0	198.0	80.0
ZR21K5E	TFD	1.8	5,026	17,150	1,665	3.1	3.02	10.3	29.0	0.74	21.8	29.0	65.0
ZR21K5	TFD	1.8	5,026	17,150	1,665	3.1	3.02	10.3	29.0	0.74	21.8	29.0	65.0
ZR22K3	TFD	1.8	5,334	18,200	1,770	3.2	3.01	10.3	30.6	1.12	36.3	24.0	65.0
ZR22KT	TFD	1.8	5,334	18,200	1,765	3.2	3.02	10.3	30.6	1.12	24.5	24.0	65.0
ZR24K3	TFD	2.0	5,920	20,200	1,920	3.5	3.08	10.5	34.1	1.12	28.6	26.0	65.0
ZR24KT	TFD	2.0	5,920	20,200	1,920	3.5	3.08	10.5	34.1	1.12	24.9	26.0	65.0
ZR250KCE	TED	20.0	59,786	204,000	17,700	29.6	3.38	11.5	325.1	4.67	139.3	225.0	83.0
ZR250KCE	TWD	20.0	59,786	204,000	17,700	29.6	3.38	11.5	325.1	4.67	139.3	225.0	83.0
ZR250KC	TED	20.0	59,786	204,000	17,700	29.6	3.38	11.5	325.1	4.67	139.3	225.0	83.0
ZR250KC	TWD	20.0	59,786	204,000	17,700	29.6	3.38	11.5	325.1	4.67	139.3	225.0	83.0
ZR25K5E	TFD	2.0	5,979	20,400	1,920	3.5	3.11	10.6	34.1	0.74	21.8	29.0	65.0
ZR25K5	TFD	2.0	5,979	20,400	1,920	3.5	3.11	10.6	34.1	0.74	21.8	29.0	65.0
ZR26K3	TFD	2.0	6,360	21,700	2,010	3.8	3.16	10.8	36.1	1.12	24.0	26.0	65.0
ZR28K3	TFD	2.5	6,916	23,600	2,150	4.0	3.22	11.0	39.3	1.12	24.0	32.0	65.0
ZR28K5E	TFD	2.5	6,829	23,300	2,140	4.1	3.19	10.9	38.7	0.74	22.7	38.0	65.0
ZR28K5	TFD	2.5	6,829	23,300	2,140	4.1	3.19	10.9	38.7	0.74	22.7	38.0	65.0
ZR28KT	TFD	2.5	6,916	23,600	2,140	4.0	3.23	11.0	39.3	1.12	25.4	32.0	65.0
ZR300KCE	TWD	25.0	70,630	241,000	20,100	34.6	3.51	12.0	384.6	6.30	184.2	250.0	86.0
ZR300KC	TED	25.0	70,630	241,000	20,100	34.6	3.51	12.0	384.6	6.30	184.2	250.0	86.0
ZR300KC	TWD	25.0	70,630	241,000	20,100	34.6	3.51	12.0	384.6	6.30	184.2	250.0	86.0
ZR30K3	TFD	2.5	7,385	25,200	2,290	4.2	3.23	11.0	42.0	1.24	28.1	32.0	65.0
ZR30KS	TFD	2.5	7,327	25,000	2,230	4.1	3.29	11.2	41.0	0.74	21.8	37.7	68.0

380-420V; 50 Hz, 3 Phase

R407C

Model		(HP)	Capacity		Power (W)	Current (A)	COP (W/W)	EER (Btu/Wh)	Displacement (cc/ Rev.)	Oil (l)	Weight (kg)	Lock rotor Amps (A)	Noise sound power (dBA)
			(W)	(Btu/h)									
ZR30KT	TFD	2.5	7,385	25,200	2,290	4.2	3.23	11.0	42.0	1.24	25.9	32.0	65.0
ZR310KC	TED	26.0	74,147	253,000	22,000	38.0	3.37	11.5	410.5	6.80	160.1	272.0	85.0
ZR310KC	TWD	26.0	74,147	253,000	22,000	37.9	3.37	11.5	410.5	6.80	160.1	272.0	85.0
ZR32K3	TFD	2.5	7,766	26,500	2,430	4.4	3.20	10.9	43.4	1.24	28.6	35.0	68.0
ZR32K5E	TFD	2.5	7,708	26,300	2,410	4.3	3.20	10.9	44.1	0.74	22.2	38.0	65.0
ZR32K5	TFD	2.5	7,708	26,300	2,410	4.3	3.20	10.9	44.1	0.74	22.2	38.0	65.0
ZR32KS	TFD	2.5	7,913	27,000	2,410	4.3	3.28	11.2	44.2	0.74	21.8	37.7	68.0
ZR34K3	TFD	3.0	8,235	28,100	2,500	4.6	3.29	11.2	46.2	1.24	25.9	40.0	68.0
ZR34KH	TFD	3.0	8,206	28,000	2,480	4.7	3.31	11.3	46.2	1.04	36.3	40.0	68.0
ZR34KT	TFD	3.0	8,235	28,100	2,500	4.6	3.29	11.3	46.2	1.24	26.8	40.0	68.0
ZR36K3	TFD	3.0	8,851	30,200	2,700	4.8	3.28	11.2	49.5	1.24	30.8	40.0	68.0
ZR36KE	TFD	3.0	8,851	30,200	2,700	5.1	3.28	11.2	49.5	1.24	29.9	50.0	68.0
ZR36KH	TFD	3.0	8,880	30,300	2,680	4.7	3.31	11.3	49.5	1.24	13.6	40.0	68.0
ZR36KT	TFD	3.0	8,851	30,200	2,700	4.8	3.28	11.2	49.5	1.24	27.2	40.0	68.0
ZR380KC	TED	30.0	92,317	315,000	26,500	45.1	3.48	11.9	502.6	6.30	176.9	310.0	88.0
ZR380KC	TWD	30.0	92,317	315,000	26,500	45.1	3.48	11.9	502.6	6.30	176.9	310.0	88.0
ZR38K5E	TFD	3.0	8,997	30,700	2,860	5.3	3.15	10.8	51.0	1.24	27.2	47.0	70.0
ZR38K5	TFD	3.0	8,997	30,700	2,860	5.0	3.15	10.7	51.0	1.24	27.2	47.0	70.0
ZR39KH	TFD	3.5	9,847	33,600	2,950	5.3	3.34	11.4	54.2	1.24	30.4	45.2	68.0
ZR40K3	TFD	3.5	9,759	33,300	2,970	5.3	3.29	11.2	54.2	1.24	26.8	46.0	68.0
ZR40KT	TFD	3.5	9,759	33,300	2,970	5.3	3.29	11.2	54.2	1.24	28.1	46.0	68.0
ZR42K3	TFD	3.5	10,257	35,000	3,110	5.5	3.30	11.3	57.2	1.24	32.7	46.0	68.0
ZR42K5E	TFD	3.5	9,876	33,700	3,260	5.8	3.03	10.4	56.5	1.24	27.2	48.0	70.0
ZR42K5	TFD	3.5	9,876	33,700	3,260	5.8	3.03	10.4	56.5	1.24	27.2	48.0	70.0
ZR42KE	TFD	3.5	10,257	35,000	3,100	5.5	3.31	11.3	57.2	1.24	29.9	50.0	68.0
ZR42KT	TFD	3.5	10,257	35,000	3,100	5.5	3.31	11.3	57.2	1.24	28.1	46.0	68.0
ZR44K5	TFD	3.5	10,580	36,100	3,280	5.4	3.23	11.0	58.3	1.24	28.6	41.0	70.0
ZR45K3	TFD	3.5	10,990	37,500	3,320	5.9	3.31	11.3	61.1	1.36	28.1	48.0	68.0
ZR45KC	TFD	3.5	11,107	37,900	3,320	6.1	3.35	11.4	61.1	1.36	28.1	48.0	68.0
ZR45KE	TFD	3.5	11,107	37,900	3,320	5.8	3.35	11.4	61.1	1.24	29.9	50.0	68.0
ZR45KT	TFD	3.5	11,107	37,900	3,320	6.1	3.35	11.4	61.1	1.36	28.1	48.0	68.0
ZR46K3	TFD	4.0	11,166	38,100	3,440	6.0	3.25	11.0	62.9	1.95	37.2	51.5	69.0
ZR47K3	TFD	4.0	11,371	38,800	3,430	6.0	3.32	11.3	63.3	1.36	28.1	50.0	68.0
ZR47KC	TFD	4.0	11,547	39,400	3,430	6.3	3.37	11.5	64.2	1.36	28.1	48.0	68.0
ZR47KS	TFD	4.0	11,547	39,400	3,430	6.3	3.37	11.5	63.4	1.36	28.1	48.0	68.0
ZR47KT	TFD	4.0	11,547	39,400	3,430	6.3	3.37	11.5	64.2	1.36	28.1	48.0	68.0
ZR48K3	TFD	4.0	11,869	40,500	3,610	6.5	3.29	11.2	65.5	1.36	28.1	50.0	68.0
ZR48K5E	TFD	4.0	11,547	39,400	3,430	6.2	3.37	11.5	63.4	1.24	29.0	60.0	70.0
ZR48K5	TFD	4.0	11,547	39,400	3,430	6.2	3.37	11.5	63.4	1.24	29.0	60.0	70.0
ZR48KC	TFD	4.0	11,869	40,500	3,600	6.1	3.30	11.2	65.5	1.36	28.1	50.0	68.0
ZR48KE	TFD	4.0	11,869	40,500	3,520	6.2	3.37	11.5	65.5	1.24	29.9	50.0	68.0
ZR48KE	TFM	4.0	11,869	40,500	3,580	6.1	3.32	11.3	65.5	1.36	29.9	48.0	68.0
ZR48KT	TFD	4.0	11,869	40,500	3,610	6.5	3.29	11.2	65.5	1.36	28.1	50.0	68.0
ZR49K3	TFD	4.0	11,840	40,400	3,650	6.4	3.24	11.1	67.2	1.95	37.2	51.5	69.0
ZR52K3	TFD	4.0	12,602	43,000	3,830	6.5	3.29	11.2	70.1	1.95	0.0	51.5	71.0
ZR54K3	TFD	4.5	12,895	44,000	4,060	7.0	3.18	10.8	73.3	1.95	37.2	51.5	71.0

380-420V; 50 Hz, 3 Phase

R407C

Model		(HP)	Capacity		Power (W)	Current (A)	COP (W/W)	EER (Btu/Wh)	Displacement (cc/ Rev.)	Oil (l)	Weight (kg)	Lock rotor Amps (A)	Noise sound power (dBA)
			(W)	(Btu/h)									
ZR54K5E	TFD	4.5	12,924	44,100	3,880	6.7	3.33	11.4	72.1	1.24	30.8	52.0	70.0
ZR54K5	TFD	4.5	12,924	44,100	3,880	6.7	3.33	11.4	72.1	1.24	30.8	52.0	70.0
ZR54KC	TFD	4.5	13,188	45,000	3,980	7.3	3.31	11.3	73.3	1.95	35.8	61.8	71.0
ZR54KE	TFD	4.5	13,188	45,000	3,920	7.4	3.36	11.5	73.1	1.36	29.9	71.3	69.0
ZR54KE	TFM	4.5	13,188	45,000	3,920	7.4	3.36	11.5	73.1	1.36	29.9	71.3	69.0
ZR54KS	TFD	4.5	13,188	45,000	3,920	7.1	3.36	11.5	73.1	1.24	29.9	56.0	69.0
ZR54KT	TFD	4.5	13,188	45,000	3,980	7.3	3.31	11.3	73.3	1.95	35.8	59.6	71.0
ZR57K3E	TFD	5.0	13,745	46,900	4,110	7.3	3.34	11.4	77.2	1.95	38.6	64.0	71.0
ZR57K3	TFD	5.0	13,745	46,900	4,110	7.3	3.34	11.4	77.2	1.95	38.6	64.0	71.0
ZR57KC	TFD	5.0	13,921	47,500	4,170	7.8	3.34	11.4	77.2	1.95	36.3	61.8	71.0
ZR57KE	TFD	5.0	13,921	47,500	4,130	7.8	3.37	11.5	77.2	1.36	28.6	71.3	69.0
ZR57KE	TFM	5.0	13,921	47,500	4,130	7.8	3.37	11.5	77.2	1.36	28.6	71.3	69.0
ZR57KH	TFD	5.0	14,009	47,800	4,190	7.4	3.34	11.4	77.2	1.95	38.6	64.0	72.0
ZR57KS	TFD	5.0	14,067	48,000	4,170	7.5	3.37	11.5	77.2	1.24	29.9	56.0	69.0
ZR57KT	TFD	5.0	13,921	47,500	4,170	7.9	3.34	11.4	77.2	1.95	36.3	61.8	71.0
ZR61K3E	TFD	5.0	14,654	50,000	4,400	7.6	3.33	11.4	82.6	1.95	38.1	64.0	71.0
ZR61K3	TFD	5.0	14,654	50,000	4,400	7.6	3.33	11.4	82.6	1.95	38.1	64.0	74.0
ZR61KC	TFD	5.0	14,566	49,700	4,430	8.2	3.29	11.2	82.6	1.95	35.8	65.5	71.0
ZR61KE	TFD	5.0	14,947	51,000	4,470	8.3	3.34	11.4	82.6	1.36	29.9	71.3	69.0
ZR61KE	TFM	5.0	14,947	51,000	4,470	8.3	3.34	11.4	82.6	1.36	29.9	71.3	69.0
ZR61KH	TFD	5.0	14,976	51,100	4,440	7.8	3.37	11.5	82.6	1.77	27.2	67.0	72.0
ZR61KS	TFD	5.0	14,947	51,000	4,430	7.9	3.37	11.5	82.6	1.24	29.9	59.0	69.0
ZR61KT	TFD	5.0	14,566	49,700	4,430	8.3	3.29	11.2	82.6	1.95	35.8	65.5	71.0
ZR68KCE	TFD	6.0	16,852	57,500	4,960	8.6	3.40	11.6	93.1	1.77	39.0	74.0	72.0
ZR68KC	TFD	6.0	16,852	57,500	4,960	8.6	3.40	11.6	93.1	1.77	39.0	74.0	72.0
ZR68KT	TFD	6.0	16,852	57,500	4,960	8.6	3.40	11.6	93.1	1.77	39.0	74.0	72.0
ZR72KCE	TFD	6.0	17,731	60,500	5,200	8.9	3.41	11.7	98.0	1.77	38.6	74.0	72.0
ZR72KC	TFD	6.0	17,731	60,500	5,200	8.9	3.41	11.7	98.0	1.77	38.6	74.0	72.0
ZR72KC	TFM	6.0	17,731	60,500	5,200	8.9	3.41	11.7	98.0	1.77	38.6	74.0	72.0
ZR72KS	TFD	6.0	17,731	60,500	5,200	8.8	3.41	11.7	98.0	1.77	38.6	74.0	72.0
ZR72KT	TFD	6.0	17,731	60,500	5,180	8.9	3.42	11.7	98.0	1.77	38.6	74.0	72.0
ZR81KCE	TFD	7.0	19,929	68,000	5,800	10.5	3.44	11.7	107.8	1.77	39.0	101.0	72.0
ZR81KC	TFD	7.0	19,929	68,000	5,810	10.5	3.43	11.7	107.8	1.77	39.0	101.0	72.0
ZR81KT	TFD	7.0	19,929	68,000	5,800	10.5	3.44	11.7	107.8	1.77	39.0	101.0	72.0
ZR84KC	TFD	7.0	20,808	71,000	6,000	11.4	3.47	11.8	113.6	2.51	57.2	100.0	73.0
ZR90K3E	TWD	7.5	21,541	73,500	6,600	12.5	3.26	11.1	120.0	4.14	93.9	99.0	80.0
ZR90K3	TWD	7.5	21,541	73,500	6,600	12.5	3.26	11.1	120.0	4.14	93.9	99.0	80.0
ZR94KC	TFD	8.0	23,299	79,500	6,750	12.5	3.45	11.8	127.2	2.51	57.2	95.0	73.0
ZR94KT	TFD	8.0	23,299	79,500	6,750	12.5	3.45	11.8	127.2	2.51	57.2	95.0	73.0

Note: All values as per AHRI test standards: Evaporating temperature: 7.2°C, Condensing temperature: 54.4°C. Subcooling: 8.3K, Superheat: 11.1K, Ambient temperature: 35°C

208-230V ; 60 Hz, 1 Phase

R407C

Model		(HP)	Capacity		Power (W)	Current (A)	COP (W/W)	EER (Btu/Wh)	Displacement (cc/ Rev.)	Oil (l)	Weight (kg)	Lock rotor Amps (A)	Noise sound power (dBA)
			(W)	(Btu/h)									
ZR16K4	PFV	1.3	4,836	16,500	1,560	6.7	3.10	10.6	22.8	0.74	19.8	41.0	68.0
ZR16K5	PFV	1.3	4,543	15,500	1,485	6.3	3.06	10.5	21.5	0.74	21.3	40.3	68.0
ZR16KA	PFV	1.3	4,543	15,500	1,460	6.4	3.11	10.6	21.5	0.74	21.5	40.3	68.0
ZR18K4	PFV	1.5	5,275	18,000	1,700	7.5	3.10	10.6	24.9	0.74	19.5	45.0	68.0
ZR18K5	PFV	1.5	5,275	18,000	1,705	7.8	3.09	10.6	25.2	0.74	21.8	55.0	68.0
ZR21K5	PFV	1.8	6,154	21,000	1,980	8.7	3.11	10.6	29.0	0.74	20.9	56.0	68.0
ZR21KA	PFV	1.8	6,154	21,000	1,960	8.6	3.14	10.7	29.0	0.74	21.3	54.0	68.0
ZR22K3	PFV	1.8	6,565	22,400	2,090	9.0	3.14	10.7	30.6	1.12	36.3	56.0	68.0
ZR22K4	PFV	1.8	6,448	22,000	2,040	8.8	3.16	10.8	30.3	0.74	19.9	54.0	68.0
ZR24K3	PFV	2.0	7,180	24,500	2,230	10.3	3.22	11.0	34.1	1.12	28.6	61.0	68.0
ZR24K4	PFV	2.0	7,034	24,000	2,220	9.9	3.17	10.8	33.1	0.74	20.0	63.0	68.0
ZR24KL	PFV	2.0	7,180	24,500	2,230	10.0	3.22	11.0	34.1	1.12	26.8	61.0	68.0
ZR25K5	PFV	2.0	7,415	25,300	2,320	10.3	3.20	10.9	34.1	0.74	22.7	68.0	68.0
ZR26K3	PFV	2.0	7,796	26,600	2,440	11.1	3.19	10.9	36.1	1.12	24.0	67.0	68.0
ZR26K5	PFV	2.0	7,620	26,000	2,380	10.6	3.20	10.9	35.1	0.74	22.2	75.0	68.0
ZR26KA	PFV	2.0	7,620	26,000	2,380	10.6	3.20	10.9	35.1	0.74	22.5	68.0	68.0
ZR26KL	PFV	2.0	7,678	26,200	2,380	10.9	3.23	11.0	36.1	1.12	27.2	67.0	68.0
ZR28K3	PFV	2.5	8,353	28,500	2,560	11.9	3.26	11.1	39.3	1.12	24.0	72.5	68.0
ZR28K5	PFV	2.5	8,323	28,400	2,590	11.5	3.21	11.0	38.7	0.74	22.2	75.0	68.0
ZR28KA	PFV	2.5	8,323	28,400	2,580	11.5	3.23	11.0	39.2	0.74	22.5	68.0	68.0
ZR28KC	PFV	2.5	8,499	29,000	2,620	12.0	3.24	11.0	39.3	1.12	24.0	73.0	68.0
ZR28KM	PFV	2.5	8,235	28,100	2,450	10.9	3.36	11.4	37.2	0.77	19.1	61.5	66.0
ZR30K3	PFV	2.5	9,115	31,100	2,800	12.6	3.26	11.1	42.0	1.24	28.1	73.0	68.0
ZR30KC	PFV	2.5	9,115	31,100	2,850	13.7	3.20	10.9	42.0	1.24	0.0	84.0	68.0
ZR32K3	PFV	2.5	9,554	32,600	2,960	13.6	3.23	11.0	43.4	1.24	28.6	83.0	71.0
ZR32K5	PFV	2.5	9,554	32,600	2,910	13.3	3.28	11.2	44.1	0.74	22.2	87.0	68.0
ZR32KA	PFV	2.5	9,554	32,600	2,910	13.2	3.28	11.2	43.9	0.74	22.6	77.0	N/A
ZR34K3	PFV	3.0	10,082	34,400	3,060	14.1	3.29	11.2	46.2	1.24	25.9	88.0	71.0
ZR34K5	PFV	3.0	10,140	34,600	3,180	14.1	3.19	10.9	46.2	0.74	22.7	88.0	68.0
ZR34KA	PFV	3.0	10,082	34,400	3,100	13.6	3.25	11.1	46.2	0.74	22.7	77.0	68.0
ZR34KC	PFV	3.0	10,052	34,300	3,120	14.6	3.22	11.0	46.2	1.24	28.5	93.0	71.0
ZR34KL	PFV	3.0	9,964	34,000	3,030	13.7	3.29	11.2	46.2	1.24	29.0	88.0	71.0
ZR36K3	PFV	3.0	10,814	36,900	3,290	14.9	3.29	11.2	49.5	1.24	30.8	95.0	71.0
ZR36KC	PFV	3.0	10,814	36,900	3,350	15.9	3.23	11.0	49.5	1.24	30.8	100.0	71.0
ZR38K5	PFV	3.0	11,137	38,000	3,390	15.9	3.29	11.2	51.0	1.24	29.0	112.0	70.0
ZR38KA	PFV	3.0	11,137	38,000	3,400	15.5	3.28	11.2	52.3	1.24	29.2	104.0	70.0
ZR40K3	PFV	3.5	11,899	40,600	3,630	16.8	3.28	11.2	54.2	1.24	26.8	104.0	71.0
ZR40KC	PFV	3.5	11,899	40,600	3,690	17.3	3.22	11.0	54.2	1.24	28.6	103.0	71.0
ZR42K3	PFV	3.5	12,543	42,800	3,790	17.2	3.31	11.3	57.2	1.24	31.8	109.0	71.0
ZR42K5	PFV	3.5	12,368	42,200	3,730	16.6	3.32	11.3	56.5	1.24	30.8	104.0	70.0
ZR42KA	PFV	3.5	12,368	42,200	3,750	16.4	3.30	11.3	56.5	1.24	30.9	97.0	71.0
ZR42KC	PFV	3.5	12,309	42,000	3,820	19.7	3.22	11.0	57.2	1.24	31.8	127.0	71.0
ZR44K5	PFV	3.5	12,895	44,000	3,890	17.7	3.31	11.3	58.3	1.24	30.8	137.0	70.0
ZR44KA	PFV	3.5	12,895	44,000	3,820	17.3	3.38	11.5	59.5	1.24	30.9	137.0	70.0
ZR45K3	PFV	3.5	13,481	46,000	4,000	18.5	3.37	11.5	61.1	1.24	32.2	137.0	71.0
ZR45KC	PFV	3.5	13,481	46,000	4,140	20.9	3.26	11.1	61.1	1.24	30.4	131.0	71.0

208-230V ; 60 Hz, 1 Phase

R407C

Model		(HP)	Capacity		Power (W)	Current (A)	COP (W/W)	EER (Btu/Wh)	Displacement (cc/ Rev.)	Oil (l)	Weight (kg)	Lock rotor Amps (A)	Noise sound power (dBA)
			(W)	(Btu/h)									
ZR46K3	PFV	4.0	13,774	47,000	4,200	18.8	3.28	11.2	62.9	1.95	41.3	129.0	72.0
ZR47K3	PFV	4.0	14,126	48,200	4,190	18.2	3.37	11.5	63.3	1.24	31.3	137.0	71.0
ZR47KC	PFV	4.0	13,921	47,500	4,270	20.8	3.26	11.1	64.2	1.24	29.9	131.0	71.0
ZR48K3	PFV	4.0	14,595	49,800	4,330	19.5	3.37	11.5	65.5	1.24	32.2	137.0	71.0
ZR48K5	PFV	4.0	14,126	48,200	4,220	19.2	3.35	11.4	63.4	1.24	31.8	137.0	70.0
ZR48KC	PFV	4.0	14,507	49,500	4,400	21.5	3.30	11.2	65.5	1.24	30.8	132.0	71.0
ZR49K3	PFV	4.0	14,419	49,200	4,410	20.1	3.27	11.2	67.2	1.95	41.3	129.0	72.0
ZR52K3	PFV	4.0	15,240	52,000	4,560	20.4	3.34	11.4	70.1	1.66	0.0	148.0	74.0
ZR54K3	PFV	4.5	16,119	55,000	4,830	21.4	3.34	11.4	73.3	1.66	43.1	148.0	74.0
ZR54K5	PFV	4.5	15,679	53,500	4,740	21.0	3.31	11.3	72.1	1.24	32.7	146.0	70.0
ZR54KA	PFV	4.5	15,679	53,500	4,730	21.1	3.31	11.3	71.3	1.24	32.8	141.0	70.0
ZR54KC	PFV	4.5	16,119	55,000	5,000	25.0	3.22	11.0	73.3	1.66	39.0	150.0	74.0
ZR57K3	PFV	5.0	16,998	58,000	5,040	23.6	3.37	11.5	77.2	1.66	40.8	148.0	74.0
ZR57KC	PFV	5.0	16,852	57,500	5,200	25.5	3.24	11.0	77.2	1.89	39.0	150.0	74.0
ZR61K3	PFV	5.0	18,170	62,000	5,450	24.8	3.33	11.4	82.6	1.66	40.8	148.0	74.0
ZR61KC	PFV	5.0	18,170	62,000	5,500	25.4	3.30	11.3	82.6	1.66	39.5	144.0	74.0
ZR67KW	PFV	5.5	19,636	67,000	6,150	27.9	3.19	10.9	93.1	1.77	43.1	129.0	75.0
ZR68KC	PFV	6.0	20,368	69,500	6,200	28.0	3.29	11.2	93.1	1.77	40.4	176.0	74.0
ZR80KW	PFV	6.5	23,651	80,700	7,320	33.5	3.23	11.0	107.8	1.77	39.0	176.0	75.0

Note: All values as per AHRI test standards: Evaporating temperature: 7.2°C, Condensing temperature: 54.4°C. Subcooling: 8.3K, Superheat: 11.1K, Ambient temperature: 35°C

380-420V; 50 Hz, 3 Phase

R407C

Model		(HP)	Capacity		Power (W)	Current (A)	COP (W/W)	EER (Btu/Wh)	Displacement (cc/ Rev.)	Oil (l)	Weight (kg)	Lock rotor Amps (A)	Noise sound power (dBA)
			(W)	(Btu/h)									
ZR108KC	TFD	9.0	26,376	90,000	7,550	13.8	3.49	12.0	142.9	3.25	59.9	111.0	74.0
ZR108KF	TFD	9.0	26,376	90,000	7,630	14.0	3.46	11.8	142.9	3.25	59.9	127.0	74.0
ZR108KT	TFD	9.0	26,376	90,000	7,550	13.8	3.49	12.0	142.9	3.25	59.9	111.0	74.0
ZR11M3E	TWD	9.0	26,230	89,500	7,950	14.4	3.30	11.3	144.0	4.14	96.2	123.0	78.0
ZR11M3	TWD	9.0	26,230	89,500	7,950	14.4	3.30	11.3	144.0	4.14	96.2	123.0	78.0
ZR125KC	TFD	10.0	31,066	106,000	9,000	15.8	3.45	11.8	167.1	3.25	61.2	118.0	75.0
ZR125KF	TFD	10.0	31,066	106,000	9,140	16.7	3.40	11.6	167.1	3.25	61.2	153.0	75.0
ZR125KT	TFD	10.0	31,066	106,000	9,000	15.8	3.45	11.8	167.1	3.25	61.2	118.0	75.0
ZR12M3E	TWD	10.0	30,479	104,000	9,100	16.5	3.35	11.4	165.5	4.14	100.2	127.0	78.0
ZR12M3	TWD	10.0	30,479	104,000	9,100	16.5	3.35	11.4	165.5	4.14	100.2	127.0	78.0
ZR144KC	TFD	12.0	35,169	120,000	10,100	17.7	3.48	11.9	190.9	3.25	61.2	118.0	76.0
ZR144KF	TFD	12.0	35,315	120,500	10,250	18.6	3.45	11.8	190.9	3.25	61.2	153.0	76.0
ZR144KT	TFD	12.0	35,169	120,000	10,100	17.6	3.48	11.9	190.9	3.25	61.2	118.0	76.0
ZR160KC	TED	13.0	38,099	130,000	11,300	20.3	3.37	11.5	209.1	3.37	64.9	140.0	79.0
ZR160KC	TFD	13.0	38,099	130,000	11,300	20.3	3.37	11.5	209.1	3.25	64.9	140.0	79.0
ZR160KC	TWD	13.0	38,099	130,000	11,300	20.3	3.37	11.5	209.1	3.25	64.9	140.0	79.0
ZR160KT	TFD	13.0	38,099	130,000	11,300	20.3	3.37	11.5	209.1	3.25	64.9	140.0	79.0
ZR16M3E	TWD	13.0	37,513	128,000	11,200	19.1	3.35	11.4	204.3	4.14	103.0	167.0	80.0
ZR16M3	TWD	13.0	37,513	128,000	11,200	19.1	3.35	11.4	204.3	4.14	103.0	167.0	80.0

380-420V; 50 Hz, 3 Phase

R407C

Model		(HP)	Capacity		Power (W)	Current (A)	COP (W/W)	EER (Btu/Wh)	Displacement (cc/ Rev.)	Oil (l)	Weight (kg)	Lock rotor Amps (A)	Noise sound power (dBA)
			(W)	(Btu/h)									
ZR190KC	TED	15.0	45,426	155,000	13,600	25.6	3.34	11.4	249.1	3.37	64.9	173.0	82.0
ZR190KC	TFD	15.0	45,426	155,000	13,600	25.6	3.34	11.4	249.1	3.25	66.2	174.0	82.0
ZR190KC	TWD	15.0	45,426	155,000	13,600	25.6	3.34	11.4	249.1	3.25	66.2	173.0	82.0
ZR190KT	TFD	15.0	45,426	155,000	13,600	25.6	3.34	11.4	249.1	3.25	66.2	174.0	82.0
ZR19M3	TWD	15.0	46,012	157,000	13,600	23.7	3.38	11.5	245.8	4.14	107.0	198.0	80.0
ZR21K5E	TFD	1.8	5,026	17,150	1,665	3.1	3.02	10.3	29.0	0.74	21.8	29.0	65.0
ZR21K5	TFD	1.8	5,026	17,150	1,665	3.1	3.02	10.3	29.0	0.74	21.8	29.0	65.0
ZR22K3	TFD	1.8	5,334	18,200	1,770	3.2	3.01	10.3	30.6	1.12	36.3	24.0	65.0
ZR22KT	TFD	1.8	5,334	18,200	1,765	3.2	3.02	10.3	30.6	1.12	24.5	24.0	65.0
ZR24K3	TFD	2.0	5,920	20,200	1,920	3.5	3.08	10.5	34.1	1.12	28.6	26.0	65.0
ZR24KT	TFD	2.0	5,920	20,200	1,920	3.5	3.08	10.5	34.1	1.12	24.9	26.0	65.0
ZR250KCE	TED	20.0	59,786	204,000	17,700	29.6	3.38	11.5	325.1	4.67	139.3	225.0	83.0
ZR250KCE	TWD	20.0	59,786	204,000	17,700	29.6	3.38	11.5	325.1	4.67	139.3	225.0	83.0
ZR250KC	TED	20.0	59,786	204,000	17,700	29.6	3.38	11.5	325.1	4.67	139.3	225.0	83.0
ZR250KC	TWD	20.0	59,786	204,000	17,700	29.6	3.38	11.5	325.1	4.67	139.3	225.0	83.0
ZR25K5E	TFD	2.0	5,979	20,400	1,920	3.5	3.11	10.6	34.1	0.74	21.8	29.0	65.0
ZR25K5	TFD	2.0	5,979	20,400	1,920	3.5	3.11	10.6	34.1	0.74	21.8	29.0	65.0
ZR26K3	TFD	2.0	6,360	21,700	2,010	3.8	3.16	10.8	36.1	1.12	24.0	26.0	65.0
ZR28K3	TFD	2.5	6,916	23,600	2,150	4.0	3.22	11.0	39.3	1.12	24.0	32.0	65.0
ZR28K5E	TFD	2.5	6,829	23,300	2,140	4.1	3.19	10.9	38.7	0.74	22.7	38.0	65.0
ZR28K5	TFD	2.5	6,829	23,300	2,140	4.1	3.19	10.9	38.7	0.74	22.7	38.0	65.0
ZR28KT	TFD	2.5	6,916	23,600	2,140	4.0	3.23	11.0	39.3	1.12	25.4	32.0	65.0
ZR300KCE	TWD	25.0	70,630	241,000	20,100	34.6	3.51	12.0	384.6	6.30	184.2	250.0	86.0
ZR300KC	TED	25.0	70,630	241,000	20,100	34.6	3.51	12.0	384.6	6.30	184.2	250.0	86.0
ZR300KC	TWD	25.0	70,630	241,000	20,100	34.6	3.51	12.0	384.6	6.30	184.2	250.0	86.0
ZR30K3	TFD	2.5	7,385	25,200	2,290	4.2	3.23	11.0	42.0	1.24	28.1	32.0	65.0
ZR30KS	TFD	2.5	7,327	25,000	2,230	4.1	3.29	11.2	41.0	0.74	21.8	37.7	68.0
ZR30KT	TFD	2.5	7,385	25,200	2,290	4.2	3.23	11.0	42.0	1.24	25.9	32.0	65.0
ZR310KC	TED	26.0	74,147	253,000	22,000	38.0	3.37	11.5	410.5	6.80	160.1	272.0	85.0
ZR310KC	TWD	26.0	74,147	253,000	22,000	37.9	3.37	11.5	410.5	6.80	160.1	272.0	85.0
ZR32K3	TFD	2.5	7,766	26,500	2,430	4.4	3.20	10.9	43.4	1.24	28.6	35.0	68.0
ZR32K5E	TFD	2.5	7,708	26,300	2,410	4.3	3.20	10.9	44.1	0.74	22.2	38.0	65.0
ZR32K5	TFD	2.5	7,708	26,300	2,410	4.3	3.20	10.9	44.1	0.74	22.2	38.0	65.0
ZR32KS	TFD	2.5	7,913	27,000	2,410	4.3	3.28	11.2	44.2	0.74	21.8	37.7	68.0
ZR34K3	TFD	3.0	8,235	28,100	2,500	4.6	3.29	11.2	46.2	1.24	25.9	40.0	68.0
ZR34KH	TFD	3.0	8,206	28,000	2,480	4.7	3.31	11.3	46.2	1.04	36.3	40.0	68.0
ZR34KT	TFD	3.0	8,235	28,100	2,500	4.6	3.29	11.3	46.2	1.24	26.8	40.0	68.0
ZR36K3	TFD	3.0	8,851	30,200	2,700	4.8	3.28	11.2	49.5	1.24	30.8	40.0	68.0
ZR36KE	TFD	3.0	8,851	30,200	2,700	5.1	3.28	11.2	49.5	1.24	29.9	50.0	68.0
ZR36KH	TFD	3.0	8,880	30,300	2,680	4.7	3.31	11.3	49.5	1.24	13.6	40.0	68.0
ZR36KT	TFD	3.0	8,851	30,200	2,700	4.8	3.28	11.2	49.5	1.24	27.2	40.0	68.0
ZR380KC	TED	30.0	92,317	315,000	26,500	45.1	3.48	11.9	502.6	6.30	176.9	310.0	88.0
ZR380KC	TWD	30.0	92,317	315,000	26,500	45.1	3.48	11.9	502.6	6.30	176.9	310.0	88.0
ZR38K5E	TFD	3.0	8,997	30,700	2,860	5.3	3.15	10.8	51.0	1.24	27.2	47.0	70.0
ZR38K5	TFD	3.0	8,997	30,700	2,860	5.0	3.15	10.7	51.0	1.24	27.2	47.0	70.0

380-420V; 50 Hz, 3 Phase

R407C

Model		(HP)	Capacity		Power (W)	Current (A)	COP (W/W)	EER (Btu/Wh)	Displacement (cc/ Rev.)	Oil (l)	Weight (kg)	Lock rotor Amps (A)	Noise sound power (dBA)
			(W)	(Btu/h)									
ZR39KH	TFD	3.5	9,847	33,600	2,950	5.3	3.34	11.4	54.2	1.24	30.4	45.2	68.0
ZR40K3	TFD	3.5	9,759	33,300	2,970	5.3	3.29	11.2	54.2	1.24	26.8	46.0	68.0
ZR40KT	TFD	3.5	9,759	33,300	2,970	5.3	3.29	11.2	54.2	1.24	28.1	46.0	68.0
ZR42K3	TFD	3.5	10,257	35,000	3,110	5.5	3.30	11.3	57.2	1.24	32.7	46.0	68.0
ZR42K5E	TFD	3.5	9,876	33,700	3,260	5.8	3.03	10.4	56.5	1.24	27.2	48.0	70.0
ZR42K5	TFD	3.5	9,876	33,700	3,260	5.8	3.03	10.4	56.5	1.24	27.2	48.0	70.0
ZR42KE	TFD	3.5	10,257	35,000	3,100	5.5	3.31	11.3	57.2	1.24	29.9	50.0	68.0
ZR42KT	TFD	3.5	10,257	35,000	3,100	5.5	3.31	11.3	57.2	1.24	28.1	46.0	68.0
ZR44K5	TFD	3.5	10,580	36,100	3,280	5.4	3.23	11.0	58.3	1.24	28.6	41.0	70.0
ZR45K3	TFD	3.5	10,990	37,500	3,320	5.9	3.31	11.3	61.1	1.36	28.1	48.0	68.0
ZR45KC	TFD	3.5	11,107	37,900	3,320	6.1	3.35	11.4	61.1	1.36	28.1	48.0	68.0
ZR45KE	TFD	3.5	11,107	37,900	3,320	5.8	3.35	11.4	61.1	1.24	29.9	50.0	68.0
ZR45KT	TFD	3.5	11,107	37,900	3,320	6.1	3.35	11.4	61.1	1.36	28.1	48.0	68.0
ZR46K3	TFD	4.0	11,166	38,100	3,440	6.0	3.25	11.0	62.9	1.95	37.2	51.5	69.0
ZR47K3	TFD	4.0	11,371	38,800	3,430	6.0	3.32	11.3	63.3	1.36	28.1	50.0	68.0
ZR47KC	TFD	4.0	11,547	39,400	3,430	6.3	3.37	11.5	64.2	1.36	28.1	48.0	68.0
ZR47KS	TFD	4.0	11,547	39,400	3,430	6.3	3.37	11.5	63.4	1.36	28.1	48.0	68.0
ZR47KT	TFD	4.0	11,547	39,400	3,430	6.3	3.37	11.5	64.2	1.36	28.1	48.0	68.0
ZR48K3	TFD	4.0	11,869	40,500	3,610	6.5	3.29	11.2	65.5	1.36	28.1	50.0	68.0
ZR48K5E	TFD	4.0	11,547	39,400	3,430	6.2	3.37	11.5	63.4	1.24	29.0	60.0	70.0
ZR48K5	TFD	4.0	11,547	39,400	3,430	6.2	3.37	11.5	63.4	1.24	29.0	60.0	70.0
ZR48KC	TFD	4.0	11,869	40,500	3,600	6.1	3.30	11.2	65.5	1.36	28.1	50.0	68.0
ZR48KE	TFD	4.0	11,869	40,500	3,520	6.2	3.37	11.5	65.5	1.24	29.9	50.0	68.0
ZR48KE	TFM	4.0	11,869	40,500	3,580	6.1	3.32	11.3	65.5	1.36	29.9	48.0	68.0
ZR48KT	TFD	4.0	11,869	40,500	3,610	6.5	3.29	11.2	65.5	1.36	28.1	50.0	68.0
ZR49K3	TFD	4.0	11,840	40,400	3,650	6.4	3.24	11.1	67.2	1.95	37.2	51.5	69.0
ZR52K3	TFD	4.0	12,602	43,000	3,830	6.5	3.29	11.2	70.1	1.95	0.0	51.5	71.0
ZR54K3	TFD	4.5	12,895	44,000	4,060	7.0	3.18	10.8	73.3	1.95	37.2	51.5	71.0
ZR54K5E	TFD	4.5	12,924	44,100	3,880	6.7	3.33	11.4	72.1	1.24	30.8	52.0	70.0
ZR54K5	TFD	4.5	12,924	44,100	3,880	6.7	3.33	11.4	72.1	1.24	30.8	52.0	70.0
ZR54KC	TFD	4.5	13,188	45,000	3,980	7.3	3.31	11.3	73.3	1.95	35.8	61.8	71.0
ZR54KE	TFD	4.5	13,188	45,000	3,920	7.4	3.36	11.5	73.1	1.36	29.9	71.3	69.0
ZR54KE	TFM	4.5	13,188	45,000	3,920	7.4	3.36	11.5	73.1	1.36	29.9	71.3	69.0
ZR54KS	TFD	4.5	13,188	45,000	3,920	7.1	3.36	11.5	73.1	1.24	29.9	56.0	69.0
ZR54KT	TFD	4.5	13,188	45,000	3,980	7.3	3.31	11.3	73.3	1.95	35.8	59.6	71.0
ZR57K3E	TFD	5.0	13,745	46,900	4,110	7.3	3.34	11.4	77.2	1.95	38.6	64.0	71.0
ZR57K3	TFD	5.0	13,745	46,900	4,110	7.3	3.34	11.4	77.2	1.95	38.6	64.0	71.0
ZR57KC	TFD	5.0	13,921	47,500	4,170	7.8	3.34	11.4	77.2	1.95	36.3	61.8	71.0
ZR57KE	TFD	5.0	13,921	47,500	4,130	7.8	3.37	11.5	77.2	1.36	28.6	71.3	69.0
ZR57KE	TFM	5.0	13,921	47,500	4,130	7.8	3.37	11.5	77.2	1.36	28.6	71.3	69.0
ZR57KH	TFD	5.0	14,009	47,800	4,190	7.4	3.34	11.4	77.2	1.95	38.6	64.0	72.0
ZR57KS	TFD	5.0	14,067	48,000	4,170	7.5	3.37	11.5	77.2	1.24	29.9	56.0	69.0
ZR57KT	TFD	5.0	13,921	47,500	4,170	7.9	3.34	11.4	77.2	1.95	36.3	61.8	71.0
ZR61K3E	TFD	5.0	14,654	50,000	4,400	7.6	3.33	11.4	82.6	1.95	38.1	64.0	71.0
ZR61K3	TFD	5.0	14,654	50,000	4,400	7.6	3.33	11.4	82.6	1.95	38.1	64.0	74.0

380-420V; 50 Hz, 3 Phase

R407C

Model		(HP)	Capacity		Power (W)	Current (A)	COP (W/W)	EER (Btu/Wh)	Displacement (cc/ Rev.)	Oil (l)	Weight (kg)	Lock rotor Amps (A)	Noise sound power (dBA)
			(W)	(Btu/h)									
ZR61KC	TFD	5.0	14,566	49,700	4,430	8.2	3.29	11.2	82.6	1.95	35.8	65.5	71.0
ZR61KE	TFD	5.0	14,947	51,000	4,470	8.3	3.34	11.4	82.6	1.36	29.9	71.3	69.0
ZR61KE	TFM	5.0	14,947	51,000	4,470	8.3	3.34	11.4	82.6	1.36	29.9	71.3	69.0
ZR61KH	TFD	5.0	14,976	51,100	4,440	7.8	3.37	11.5	82.6	1.77	27.2	67.0	72.0
ZR61KS	TFD	5.0	14,947	51,000	4,430	7.9	3.37	11.5	82.6	1.24	29.9	59.0	69.0
ZR61KT	TFD	5.0	14,566	49,700	4,430	8.3	3.29	11.2	82.6	1.95	35.8	65.5	71.0
ZR68KCE	TFD	6.0	16,852	57,500	4,960	8.6	3.40	11.6	93.1	1.77	39.0	74.0	72.0
ZR68KC	TFD	6.0	16,852	57,500	4,960	8.6	3.40	11.6	93.1	1.77	39.0	74.0	72.0
ZR68KT	TFD	6.0	16,852	57,500	4,960	8.6	3.40	11.6	93.1	1.77	39.0	74.0	72.0
ZR72KCE	TFD	6.0	17,731	60,500	5,200	8.9	3.41	11.7	98.0	1.77	38.6	74.0	72.0
ZR72KC	TFD	6.0	17,731	60,500	5,200	8.9	3.41	11.7	98.0	1.77	38.6	74.0	72.0
ZR72KC	TFM	6.0	17,731	60,500	5,200	8.9	3.41	11.7	98.0	1.77	38.6	74.0	72.0
ZR72KS	TFD	6.0	17,731	60,500	5,200	8.8	3.41	11.7	98.0	1.77	38.6	74.0	72.0
ZR72KT	TFD	6.0	17,731	60,500	5,180	8.9	3.42	11.7	98.0	1.77	38.6	74.0	72.0
ZR81KCE	TFD	7.0	19,929	68,000	5,800	10.5	3.44	11.7	107.8	1.77	39.0	101.0	72.0
ZR81KC	TFD	7.0	19,929	68,000	5,810	10.5	3.43	11.7	107.8	1.77	39.0	101.0	72.0
ZR81KT	TFD	7.0	19,929	68,000	5,800	10.5	3.44	11.7	107.8	1.77	39.0	101.0	72.0
ZR84KC	TFD	7.0	20,808	71,000	6,000	11.4	3.47	11.8	113.6	2.51	57.2	100.0	73.0
ZR90K3E	TWD	7.5	21,541	73,500	6,600	12.5	3.26	11.1	120.0	4.14	93.9	99.0	80.0
ZR90K3	TWD	7.5	21,541	73,500	6,600	12.5	3.26	11.1	120.0	4.14	93.9	99.0	80.0
ZR94KC	TFD	8.0	23,299	79,500	6,750	12.5	3.45	11.8	127.2	2.51	57.2	95.0	73.0
ZR94KT	TFD	8.0	23,299	79,500	6,750	12.5	3.45	11.8	127.2	2.51	57.2	95.0	73.0

Note: All values as per AHRI test standards: Evaporating temperature: 7.2°C, Condensing temperature: 54.4°C. Subcooling: 8.3K, Superheat: 11.1K, Ambient temperature: 35°C

200-230V/380V/460V; 60 Hz, 3 Phase

R407C

Model		(HP)	Capacity		Power (W)	Current (A)	COP (W/W)	EER (Btu/Wh)	Displacement (cc/ Rev.)	Oil (l)	Weight (kg)	Lock rotor Amps (A)	Noise sound power (dBA)
			(W)	(Btu/h)									
ZR108KC	TF5	9.0	31,945	109,000	9,200	28.2	3.47	11.9	142.9	3.25	59.9	225.0	80.0
ZR108KC	TFD	9.0	31,945	109,000	9,200	14.1	3.47	11.9	142.9	3.25	59.9	114.0	80.0
ZR108KF	TFD	9.0	31,945	109,000	9,320	14.3	3.43	11.7	142.9	3.25	59.9	126.0	74.0
ZR11M3E	TWD	9.0	31,652	108,000	9,600	14.4	3.30	11.3	144.0	4.14	96.2	125.0	81.0
ZR11M3	TW7	9.0	31,652	108,000	9,600	17.4	3.30	11.3	144.0	4.14	96.2	144.0	81.0
ZR11M3	TWD	9.0	31,652	108,000	9,600	14.4	3.30	11.3	144.0	4.14	96.2	125.0	81.0
ZR125KC	TF5	10.0	37,513	128,000	10,900	32.6	3.44	11.7	167.1	3.25	61.2	239.0	80.0
ZR125KC	TFD	10.0	37,513	128,000	10,900	16.3	3.44	11.7	167.1	3.25	61.2	125.0	80.0
ZR125KF	TFD	10.0	37,513	128,000	11,150	17.1	3.36	11.5	167.1	3.25	61.2	150.0	80.0
ZR12M3E	TW7	10.0	36,634	125,000	11,000	19.9	3.33	11.4	165.5	4.14	100.2	151.0	81.0
ZR12M3E	TWD	10.0	36,634	125,000	11,000	16.5	3.33	11.4	165.5	4.14	100.2	127.0	81.0
ZR12M3	TW7	10.0	36,634	125,000	11,000	19.9	3.33	11.4	165.5	4.14	100.2	151.0	81.0
ZR12M3	TWD	10.0	36,634	125,000	11,000	16.5	3.33	11.4	165.5	4.14	100.2	127.0	81.0
ZR144KC	TF5	12.0	42,788	146,000	12,300	38.3	3.48	11.8	190.9	3.25	61.2	245.0	80.0
ZR144KC	TFD	12.0	42,788	146,000	12,300	18.2	3.48	11.8	190.9	3.25	61.2	125.0	80.0
ZR144KF	TFD	12.0	42,788	146,000	12,600	19.2	3.40	11.6	190.9	3.25	61.2	150.0	76.0

200-230V/380V/460V; 60 Hz, 3 Phase

R407C

Model		(HP)	Capacity		Power (W)	Current (A)	COP (W/W)	EER (Btu/Wh)	Displacement (cc/ Rev.)	Oil (l)	Weight (kg)	Lock rotor Amps (A)	Noise sound power (dBA)
			(W)	(Btu/h)									
ZR160KC	TE5	13.0	46,891	160,000	13,900	43.2	3.37	11.5	209.1	3.37	66.2	300.0	83.0
ZR160KC	TED	13.0	46,891	160,000	13,900	20.8	3.37	11.5	209.1	3.37	64.9	150.0	83.0
ZR160KC	TF7	13.0	46,891	160,000	13,900	24.2	3.37	11.5	209.1	3.25	64.9	138.0	83.0
ZR160KC	TFD	13.0	46,891	160,000	13,900	20.8	3.37	11.5	209.1	3.25	64.9	150.0	83.0
ZR160KC	TW5	13.0	46,891	160,000	13,900	43.2	3.37	11.5	209.1	3.25	66.2	300.0	83.0
ZR160KC	TWD	13.0	46,891	160,000	13,900	20.8	3.37	11.5	209.1	3.25	64.9	150.0	83.0
ZR160KT	TFD	13.0	46,891	160,000	13,900	20.8	3.37	11.5	209.1	3.25	64.9	150.0	83.0
ZR16M3E	TW7	13.0	45,133	154,000	13,500	23.3	3.34	11.4	204.3	4.14	103.0	195.0	83.0
ZR16M3E	TWD	13.0	45,133	154,000	13,500	19.2	3.34	11.4	204.3	4.14	103.0	158.0	83.0
ZR16M3	TW5	13.0	45,133	154,000	13,500	38.3	3.34	11.4	204.3	4.14	103.0	350.0	83.0
ZR16M3	TW7	13.0	45,133	154,000	13,500	23.2	3.34	11.4	204.3	4.14	103.0	195.0	83.0
ZR16M3	TWD	13.0	45,133	154,000	13,500	19.2	3.34	11.4	204.3	4.14	103.0	158.0	83.0
ZR190KC	TE5	15.0	55,684	190,000	16,800	53.2	3.31	11.4	249.1	3.37	66.2	340.0	83.0
ZR190KC	TED	15.0	55,684	190,000	16,800	26.5	3.31	11.4	249.1	3.37	64.9	173.0	83.0
ZR190KC	TFD	15.0	55,684	190,000	16,800	26.5	3.31	11.4	249.1	3.25	66.2	179.0	83.0
ZR190KC	TW5	15.0	55,684	190,000	16,800	53.2	3.31	11.4	249.1	3.25	66.2	340.0	83.0
ZR190KC	TWD	15.0	55,684	190,000	16,800	26.5	3.31	11.4	249.1	3.25	66.2	173.0	83.0
ZR190KT	TFD	15.0	55,684	190,000	16,800	26.5	3.31	11.4	249.1	3.25	66.2	179.0	83.0
ZR19M3	TW5	15.0	55,684	190,000	16,500	48.2	3.37	11.5	245.8	4.14	107.0	425.0	83.0
ZR19M3	TW7	15.0	55,684	190,000	16,500	29.2	3.37	11.5	245.8	4.14	107.0	239.0	83.0
ZR19M3	TWD	15.0	55,684	190,000	16,500	24.1	3.37	11.5	245.8	4.14	107.0	187.0	83.0
ZR21K5E	TF5	1.8	6,154	21,000	1,980	6.2	3.11	10.6	29.0	0.74	21.8	58.0	68.0
ZR21K5E	TFD	1.8	6,154	21,000	1,995	3.1	3.08	10.6	29.0	0.74	21.8	29.0	68.0
ZR21K5	TF5	1.8	6,154	21,000	1,980	6.2	3.11	10.6	29.0	0.74	21.8	58.0	68.0
ZR21K5	TF7	1.8	6,154	21,000	1,995	3.4	3.08	10.6	29.0	0.74	21.8	29.0	68.0
ZR21K5	TFD	1.8	6,154	21,000	1,995	3.1	3.08	10.6	29.0	0.74	21.8	29.0	68.0
ZR22K3	TF5	1.8	6,477	22,100	2,080	6.0	3.11	10.7	30.6	1.12	24.5	45.0	68.0
ZR22K3	TFD	1.8	6,477	22,100	2,090	3.2	3.10	10.6	30.6	1.12	36.3	22.4	68.0
ZR22KT	TFD	1.8	6,477	22,100	2,080	3.2	3.11	10.6	30.6	1.12	24.5	22.4	68.0
ZR24K3	TF5	2.0	7,268	24,800	2,310	7.0	3.15	10.7	34.1	1.12	28.6	55.0	68.0
ZR24K3	TFD	2.0	7,268	24,800	2,310	3.5	3.15	10.7	34.1	1.12	28.6	27.0	68.0
ZR24KT	TFD	2.0	7,268	24,800	2,230	3.5	3.26	11.1	34.1	1.12	24.9	27.0	68.0
ZR250KCE	TE5	20.0	73,268	250,000	21,700	66.6	3.38	11.5	325.1	4.67	138.8	505.0	88.0
ZR250KCE	TE7	20.0	73,268	250,000	21,700	37.0	3.38	11.5	325.1	4.67	139.3	290.0	88.0
ZR250KCE	TED	20.0	73,268	250,000	21,700	30.6	3.38	11.5	325.1	4.67	139.3	225.0	88.0
ZR250KCE	TW5	20.0	73,268	250,000	21,700	66.6	3.38	11.5	325.1	4.67	138.8	505.0	88.0
ZR250KCE	TW7	20.0	73,268	250,000	21,700	37.0	3.38	11.5	325.1	4.67	139.3	290.0	88.0
ZR250KCE	TWD	20.0	73,268	250,000	21,700	30.6	3.38	11.5	325.1	4.67	139.3	225.0	88.0
ZR250KC	TE5	20.0	73,268	250,000	21,700	66.6	3.38	11.5	325.1	4.67	138.8	505.0	88.0
ZR250KC	TE7	20.0	73,268	250,000	21,700	37.0	3.38	11.5	325.1	4.67	139.3	290.0	88.0
ZR250KC	TED	20.0	73,268	250,000	21,700	30.6	3.38	11.5	325.1	4.67	139.3	225.0	88.0
ZR250KC	TW5	20.0	73,268	250,000	21,700	66.6	3.38	11.5	325.1	4.67	138.8	505.0	88.0
ZR250KC	TW7	20.0	73,268	250,000	21,700	37.0	3.38	11.5	325.1	4.67	139.3	290.0	88.0
ZR250KC	TWD	20.0	73,268	250,000	21,700	30.6	3.38	11.5	325.1	4.67	139.3	225.0	88.0
ZR25K5E	TF5	2.0	7,415	25,300	2,320	6.9	3.20	10.9	34.1	0.74	22.2	58.0	68.0
ZR25K5E	TFD	2.0	7,415	25,300	2,320	3.5	3.20	10.9	34.1	0.74	21.8	29.0	68.0

200-230V/380V/460V; 60 Hz, 3 Phase

R407C

Model		(HP)	Capacity		Power (W)	Current (A)	COP (W/W)	EER (Btu/Wh)	Displacement (cc/ Rev.)	Oil (l)	Weight (kg)	Lock rotor Amps (A)	Noise sound power (dBA)
			(W)	(Btu/h)									
ZR25K5	TF5	2.0	7,415	25,300	2,320	6.9	3.20	10.9	34.1	0.74	22.2	58.0	68.0
ZR25K5	TF7	2.0	7,415	25,300	2,320	4.0	3.20	10.9	34.1	0.74	21.8	29.5	68.0
ZR25K5	TFD	2.0	7,415	25,300	2,320	3.5	3.20	10.9	34.1	0.74	21.8	29.0	68.0
ZR26K3	TF5	2.0	7,766	26,500	2,450	7.0	3.17	10.8	36.1	1.12	26.8	55.0	68.0
ZR26K3	TFD	2.0	7,678	26,200	2,430	3.8	3.16	10.8	36.1	1.12	24.0	27.0	68.0
ZR26KA	TF5	2.0	7,620	26,000	2,380	7.1	3.20	10.9	35.1	0.74	21.6	58.0	68.0
ZR28K3	TF5	2.5	8,470	28,900	2,630	7.9	3.22	11.0	39.3	1.12	24.0	63.0	68.0
ZR28K3	TFD	2.5	8,470	28,900	2,630	4.0	3.22	11.0	39.3	1.12	24.0	31.0	68.0
ZR28K5E	TF5	2.5	8,323	28,400	2,590	8.0	3.21	11.0	38.7	0.74	22.2	73.0	68.0
ZR28K5E	TFD	2.5	8,323	28,400	2,590	4.2	3.21	11.0	38.7	0.74	22.7	38.0	68.0
ZR28K5	TF5	2.5	8,323	28,400	2,590	8.0	3.21	11.0	38.7	0.74	22.2	73.0	68.0
ZR28K5	TF7	2.5	8,323	28,400	2,590	4.4	3.21	11.0	38.7	0.74	22.7	38.0	68.0
ZR28K5	TFD	2.5	8,323	28,400	2,590	4.2	3.21	11.0	38.7	0.74	22.7	38.0	68.0
ZR28KT	TFD	2.5	8,470	28,900	2,630	4.0	3.22	11.0	39.3	1.12	25.4	31.0	68.0
ZR300KCE	TWD	25.0	86,749	296,000	25,300	36.8	3.43	11.7	384.6	6.30	184.2	250.0	90.0
ZR300KC	TE5	25.0	86,749	296,000	25,300	73.5	3.43	11.7	384.6	6.30	184.2	500.0	90.0
ZR300KC	TW5	25.0	86,749	296,000	25,300	73.5	3.43	11.7	384.6	6.30	184.2	500.0	90.0
ZR300KC	TW7	25.0	86,749	296,000	25,300	44.5	3.43	11.7	384.6	6.30	184.2	305.0	90.0
ZR300KC	TWD	25.0	86,749	296,000	25,300	36.8	3.43	11.7	384.6	6.30	184.2	250.0	90.0
ZR30K3	TF5	2.5	9,115	31,100	2,830	8.3	3.22	11.0	42.0	1.24	25.9	63.0	68.0
ZR30K3	TFD	2.5	9,115	31,100	2,830	4.2	3.22	11.0	42.0	1.24	28.1	31.0	68.0
ZR30KS	TFD	2.5	8,968	30,600	2,730	4.1	3.28	11.2	41.0	0.74	21.8	44.4	71.0
ZR30KT	TFD	2.5	9,115	31,100	2,830	4.2	3.22	11.0	42.0	1.24	25.9	31.0	68.0
ZR310KC	TE7	26.0	89,680	306,000	27,100	47.0	3.31	11.3	410.5	6.80	160.1	353.0	90.0
ZR310KC	TED	26.0	89,680	306,000	27,100	38.9	3.31	11.3	410.5	6.80	160.1	272.0	90.0
ZR310KC	TW7	26.0	89,680	306,000	27,100	47.0	3.31	11.3	410.5	6.80	160.1	353.0	90.0
ZR310KC	TWD	26.0	89,680	306,000	27,100	38.8	3.31	11.3	410.5	6.80	160.1	272.0	90.0
ZR32K3	TF5	2.5	9,554	32,600	2,910	8.7	3.28	11.2	43.4	1.24	28.6	77.0	71.0
ZR32K3	TFD	2.5	9,554	32,600	2,910	4.4	3.28	11.2	43.4	1.24	28.6	35.0	71.0
ZR32K5E	TF5	2.5	9,554	32,600	2,910	8.7	3.28	11.2	44.1	0.74	22.2	73.0	68.0
ZR32K5E	TFD	2.5	9,554	32,600	2,910	4.4	3.28	11.2	44.1	0.74	22.2	38.0	68.0
ZR32K5	TF5	2.5	9,554	32,600	2,910	8.7	3.28	11.2	44.1	0.74	22.2	73.0	68.0
ZR32K5	TF7	2.5	9,554	32,600	2,910	5.0	3.28	11.2	44.1	0.74	22.2	38.0	68.0
ZR32K5	TFD	2.5	9,554	32,600	2,910	4.4	3.28	11.2	44.1	0.74	22.2	38.0	68.0
ZR32KA	TF5	2.5	9,554	32,600	2,910	9.0	3.28	11.2	43.9	0.74	22.3	73.0	68.0
ZR32KA	TFD	2.5	9,554	32,600	2,910	4.5	3.28	11.2	43.9	0.74	22.4	38.0	68.0
ZR32KS	TFD	2.5	9,642	32,900	2,940	4.3	3.28	11.2	44.2	0.74	21.8	44.4	71.0
ZR34K3	TF5	3.0	9,964	34,000	2,970	9.1	3.36	11.4	46.2	1.24	25.9	77.0	71.0
ZR34K3	TF7	3.0	9,964	34,000	3,200	5.4	3.11	10.6	46.2	1.24	31.3	39.0	71.0
ZR34K3	TFD	3.0	9,964	34,000	2,970	4.6	3.36	11.4	46.2	1.24	25.9	39.0	71.0
ZR34K5	TF5	3.0	10,199	34,800	3,200	9.5	3.19	10.9	46.2	0.74	21.8	73.0	68.0
ZR34KA	TF5	3.0	9,964	34,000	3,100	9.2	3.21	11.0	46.2	0.74	22.0	73.0	68.0
ZR34KA	TFD	3.0	9,964	34,000	3,100	4.7	3.21	11.0	46.2	0.74	22.2	38.0	68.0
ZR34KH	TFD	3.0	9,847	33,600	2,980	4.7	3.30	11.3	46.2	1.04	36.3	39.0	71.0
ZR34KL	TF5	3.0	9,964	34,000	2,970	9.1	3.36	11.4	46.2	1.24	29.0	77.0	71.0
ZR34KT	TFD	3.0	9,964	34,000	2,970	4.6	3.36	11.5	46.2	1.24	26.8	39.0	71.0

200-230V/380V/460V; 60 Hz, 3 Phase

R407C

Model		(HP)	Capacity		Power (W)	Current (A)	COP (W/W)	EER (Btu/Wh)	Displacement (cc/ Rev.)	Oil (l)	Weight (kg)	Lock rotor Amps (A)	Noise sound power (dBA)
			(W)	(Btu/h)									
ZR36K3	TF5	3.0	10,814	36,900	3,250	9.7	3.33	11.3	49.5	1.24	30.8	77.0	71.0
ZR36K3	TFD	3.0	10,814	36,900	3,250	4.9	3.33	11.3	49.5	1.24	30.8	39.0	71.0
ZR36KE	TFD	3.0	10,814	36,900	3,250	5.1	3.33	11.4	49.5	1.24	29.9	53.0	71.0
ZR36KH	TFD	3.0	10,638	36,300	3,220	4.9	3.30	11.3	49.5	1.24	13.6	39.0	71.0
ZR36KT	TFD	3.0	10,814	36,900	3,250	4.9	3.33	11.4	49.5	1.24	27.2	39.0	71.0
ZR380KC	TE5	30.0	111,074	379,000	32,700	94.2	3.40	11.6	502.6	6.30	176.9	599.0	92.0
ZR380KC	TE7	30.0	111,074	379,000	32,700	57.0	3.40	11.6	502.6	6.30	176.9	358.0	92.0
ZR380KC	TED	30.0	111,074	379,000	32,700	47.1	3.40	11.6	502.6	6.30	176.9	310.0	92.0
ZR380KC	TW5	30.0	111,074	379,000	32,700	94.2	3.40	11.6	502.6	6.30	176.9	599.0	92.0
ZR380KC	TW7	30.0	111,074	379,000	32,700	57.0	3.40	11.6	502.6	6.30	176.9	358.0	92.0
ZR380KC	TWD	30.0	111,074	379,000	32,700	47.1	3.40	11.6	502.6	6.30	176.9	310.0	92.0
ZR38K5E	TF5	3.0	11,137	38,000	3,400	10.4	3.28	11.2	51.0	1.24	27.2	93.0	73.0
ZR38K5E	TFD	3.0	11,137	38,000	3,400	5.2	3.28	11.2	51.0	1.24	27.2	48.0	73.0
ZR38K5	TF5	3.0	11,137	38,000	3,400	10.4	3.28	11.2	51.0	1.24	27.2	93.0	73.0
ZR38K5	TF7	3.0	11,137	38,000	3,400	5.9	3.28	11.2	51.0	1.24	27.2	46.0	73.0
ZR38K5	TFD	3.0	11,137	38,000	3,400	5.0	3.28	11.2	51.0	1.24	27.2	48.0	73.0
ZR38KA	TF5	3.0	11,137	38,000	3,400	10.2	3.28	11.2	52.3	1.24	27.4	88.0	70.0
ZR38KA	TFD	3.0	11,137	38,000	3,400	5.1	3.28	11.2	52.3	1.24	27.5	44.0	70.0
ZR39KH	TFD	3.5	11,811	40,300	3,470	5.3	3.40	11.6	54.2	1.24	30.4	44.0	71.0
ZR40K3	TF5	3.5	11,899	40,600	3,560	10.7	3.34	11.4	54.2	1.24	26.8	88.0	71.0
ZR40K3	TFD	3.5	11,899	40,600	3,560	5.4	3.34	11.4	54.2	1.24	26.8	44.0	71.0
ZR40KT	TFD	3.5	11,899	40,600	3,560	5.3	3.34	11.4	54.2	1.24	28.1	44.0	71.0
ZR42K3	TF5	3.5	12,543	42,800	3,750	11.1	3.34	11.4	57.2	1.24	32.7	88.0	71.0
ZR42K3	TF7	3.5	12,631	43,100	3,790	7.0	3.33	11.4	57.2	1.24	28.1	54.0	71.0
ZR42K3	TFD	3.5	12,543	42,800	3,750	5.6	3.34	11.4	57.2	1.24	32.7	44.0	71.0
ZR42K5E	TF5	3.5	12,368	42,200	3,750	11.3	3.30	11.3	56.5	1.24	27.7	93.0	73.0
ZR42K5E	TFD	3.5	12,368	42,200	3,750	5.7	3.30	11.3	56.5	1.24	27.2	48.0	73.0
ZR42K5	TF5	3.5	12,368	42,200	3,750	11.3	3.30	11.3	56.5	1.24	27.7	93.0	73.0
ZR42K5	TFD	3.5	12,368	42,200	3,750	5.7	3.30	11.3	56.5	1.24	27.2	48.0	73.0
ZR42KA	TF5	3.5	12,368	42,200	3,750	11.1	3.30	11.3	56.5	1.24	27.6	88.0	70.0
ZR42KA	TFD	3.5	12,368	42,200	3,750	5.7	3.30	11.3	56.5	1.24	27.6	44.0	71.0
ZR42KE	TFD	3.5	12,543	42,800	3,760	5.5	3.34	11.4	57.2	1.24	29.9	53.0	71.0
ZR42KT	TFD	3.5	12,543	42,800	3,750	5.6	3.34	11.4	57.2	1.24	28.1	44.0	71.0
ZR44K5	TF5	3.5	12,895	44,000	3,820	11.2	3.38	11.5	58.3	1.24	28.6	98.0	73.0
ZR44K5	TFD	3.5	12,895	44,000	3,850	5.4	3.35	11.4	58.3	1.24	28.6	41.0	73.0
ZR44KA	TF5	3.5	12,895	44,000	3,820	10.8	3.38	11.5	59.5	1.24	28.9	83.1	70.0
ZR44KA	TFD	3.5	12,895	44,000	3,820	5.5	3.38	11.5	59.5	1.24	28.9	41.0	70.0
ZR45K3	TF5	3.5	13,364	45,600	4,000	12.0	3.34	11.4	61.1	1.36	28.1	91.0	71.0
ZR45K3	TFD	3.5	13,364	45,600	4,000	6.0	3.34	11.4	61.1	1.36	28.1	46.0	71.0
ZR45KCE	TF5	3.5	13,481	46,000	4,000	12.1	3.37	11.5	61.1	1.36	28.1	91.0	71.0
ZR45KCE	TFD	3.5	13,481	46,000	4,000	6.1	3.37	11.5	61.1	1.36	28.1	46.0	71.0
ZR45KC	TF5	3.5	13,481	46,000	4,000	12.1	3.37	11.5	61.1	1.36	28.1	91.0	71.0
ZR45KC	TFD	3.5	13,481	46,000	4,000	6.1	3.37	11.5	61.1	1.36	28.1	46.0	71.0
ZR45KE	TFD	3.5	13,481	46,000	4,000	5.8	3.37	11.5	61.1	1.24	29.9	53.0	71.0
ZR45KT	TFD	3.5	13,481	46,000	4,000	6.1	3.37	11.5	61.1	1.36	28.1	46.0	71.0
ZR46K3	TF5	4.0	13,511	46,100	4,100	11.8	3.30	11.2	62.9	1.95	37.2	120.0	72.0

200-230V/380V/460V; 60 Hz, 3 Phase

R407C

Model		(HP)	Capacity		Power (W)	Current (A)	COP (W/W)	EER (Btu/Wh)	Displacement (cc/ Rev.)	Oil (l)	Weight (kg)	Lock rotor Amps (A)	Noise sound power (dBA)
			(W)	(Btu/h)									
ZR46K3	TFD	4.0	13,511	46,100	4,100	5.9	3.30	11.2	62.9	1.95	37.2	49.5	72.0
ZR47K3	TF5	4.0	13,921	47,500	4,170	13.1	3.34	11.4	63.3	1.36	28.1	91.0	71.0
ZR47K3	TFD	4.0	13,921	47,500	4,170	6.0	3.34	11.4	63.3	1.36	28.1	50.0	71.0
ZR47KC	TF5	4.0	13,921	47,500	4,130	12.2	3.37	11.5	64.2	1.36	28.1	91.0	71.0
ZR47KC	TF7	4.0	13,921	47,500	4,130	7.4	3.37	11.5	63.4	1.36	28.1	54.0	71.0
ZR47KS	TF5	4.0	13,921	47,500	4,130	12.2	3.37	11.5	63.4	1.36	28.1	91.0	71.0
ZR47KS	TF7	4.0	13,921	47,500	4,130	7.4	3.37	11.5	63.4	1.36	28.1	54.0	71.0
ZR47KS	TFD	4.0	13,921	47,500	4,130	6.1	3.37	11.5	63.4	1.36	28.1	46.0	71.0
ZR47KT	TFD	4.0	13,921	47,500	4,130	6.1	3.37	11.5	64.2	1.36	28.1	46.0	71.0
ZR48K3	TF5	4.0	14,390	49,100	4,320	12.7	3.33	11.4	65.5	1.36	32.7	91.0	71.0
ZR48K3	TFD	4.0	14,331	48,900	4,320	6.5	3.32	11.3	65.5	1.36	28.1	50.0	71.0
ZR48K5E	TF5	4.0	14,126	48,200	4,160	12.0	3.40	11.6	63.4	1.24	31.3	114.0	73.0
ZR48K5E	TFD	4.0	14,126	48,200	4,170	6.3	3.39	11.6	63.4	1.24	29.0	58.0	73.0
ZR48K5	TF5	4.0	14,126	48,200	4,160	12.0	3.40	11.6	63.4	1.24	31.3	114.0	73.0
ZR48K5	TF7	4.0	14,126	48,200	4,170	7.0	3.39	11.6	63.4	1.24	29.0	51.8	73.0
ZR48K5	TFD	4.0	14,126	48,200	4,170	6.3	3.39	11.6	63.4	1.24	29.0	58.0	73.0
ZR48KC	TF5	4.0	14,390	49,100	4,270	12.6	3.37	11.5	65.5	1.36	28.1	91.0	71.0
ZR48KC	TF7	4.0	14,390	49,100	4,270	7.6	3.37	11.5	65.5	1.36	28.1	54.0	71.0
ZR48KC	TFD	4.0	14,390	49,100	4,270	6.3	3.37	11.5	65.5	1.36	28.1	50.0	71.0
ZR48KE	TF7	4.0	14,390	49,100	4,230	7.6	3.40	11.6	65.5	1.36	28.6	61.4	72.0
ZR48KE	TFD	4.0	14,331	48,900	4,260	6.3	3.36	11.5	65.5	1.24	29.9	53.0	71.0
ZR48KT	TFD	4.0	14,331	48,900	4,320	6.5	3.32	11.3	65.5	1.36	28.1	50.0	71.0
ZR49K3	TF5	4.0	14,419	49,200	4,360	12.6	3.31	11.3	67.2	1.95	37.2	120.0	72.0
ZR49K3	TFD	4.0	14,419	49,200	4,360	6.3	3.31	11.3	67.2	1.95	37.2	49.5	76.0
ZR52K3	TF5	4.0	15,240	52,000	4,560	13.4	3.34	11.4	70.1	1.95	0.0	128.0	74.0
ZR52K3	TFD	4.0	15,240	52,000	4,560	6.5	3.34	11.4	70.1	1.95	0.0	49.5	74.0
ZR54K3	TF5	4.5	15,884	54,200	4,700	13.9	3.38	11.5	73.3	1.95	38.6	123.0	74.0
ZR54K3	TFD	4.5	15,972	54,500	4,830	6.9	3.31	11.3	73.3	1.95	37.2	49.5	74.0
ZR54K5E	TF5	4.5	15,679	53,500	4,740	13.6	3.31	11.3	72.1	1.24	30.8	114.0	73.0
ZR54K5E	TFD	4.5	15,679	53,500	4,740	6.8	3.31	11.3	72.1	1.24	30.8	52.0	73.0
ZR54K5	TF5	4.5	15,679	53,500	4,740	13.6	3.31	11.3	72.1	1.24	30.8	114.0	73.0
ZR54K5	TF7	4.5	15,679	53,500	4,730	7.9	3.31	11.3	72.1	1.24	30.8	65.0	73.0
ZR54K5	TFD	4.5	15,679	53,500	4,740	6.8	3.31	11.3	72.1	1.24	30.8	52.0	73.0
ZR54KA	TF5	4.5	15,679	53,500	4,730	13.3	3.31	11.3	71.3	1.24	31.0	110.0	70.0
ZR54KA	TFD	4.5	15,679	53,500	4,730	6.6	3.31	11.3	71.3	1.24	30.9	52.0	70.0
ZR54KC	TF5	4.5	16,119	55,000	4,780	14.8	3.37	11.5	73.3	1.95	36.3	124.0	74.0
ZR54KC	TFD	4.5	16,119	55,000	4,780	7.4	3.37	11.5	73.3	1.95	35.8	59.6	74.0
ZR54KE	TFD	4.5	16,119	55,000	4,780	7.6	3.37	11.5	73.1	1.36	29.9	74.8	72.0
ZR54KS	TF5	4.5	15,972	54,500	4,670	14.3	3.42	11.6	73.1	1.24	29.9	125.0	72.0
ZR54KS	TF7	4.5	15,972	54,500	4,700	8.3	3.40	11.6	73.1	1.24	29.9	65.0	72.0
ZR54KS	TFD	4.5	15,972	54,500	4,670	7.2	3.42	11.6	73.1	1.24	29.9	59.0	72.0
ZR54KT	TFD	4.5	16,119	55,000	4,780	14.8	3.37	11.5	73.3	1.95	35.8	59.6	74.0
ZR57K3E	TF5	5.0	17,145	58,500	4,980	14.5	3.44	11.7	77.2	1.95	38.6	123.0	74.0
ZR57K3E	TFD	5.0	17,145	58,500	5,000	7.3	3.43	11.7	77.2	1.95	38.6	62.0	74.0
ZR57K3	TF5	5.0	17,145	58,500	4,980	14.5	3.44	11.7	77.2	1.95	38.6	123.0	74.0
ZR57K3	TFD	5.0	17,145	58,500	5,000	7.3	3.43	11.7	77.2	1.95	38.6	62.0	74.0

200-230V/380V/460V; 60 Hz, 3 Phase

R407C

Model		(HP)	Capacity		Power (W)	Current (A)	COP (W/W)	EER (Btu/Wh)	Displacement (cc/ Rev.)	Oil (l)	Weight (kg)	Lock rotor Amps (A)	Noise sound power (dBA)
			(W)	(Btu/h)									
ZR57KC	TF5	5.0	16,852	57,500	5,000	15.4	3.37	11.5	77.2	1.95	36.3	124.0	74.0
ZR57KC	TF7	5.0	16,852	57,500	5,000	9.3	3.37	11.5	77.2	1.95	35.8	75.0	74.0
ZR57KC	TFD	5.0	16,852	57,500	5,000	7.7	3.37	11.5	77.2	1.95	36.3	59.6	74.0
ZR57KE	TF5	5.0	16,852	57,500	4,960	15.3	3.40	11.6	77.2	1.36	28.6	137.0	72.0
ZR57KE	TF7	5.0	16,265	55,500	4,790	8.5	3.40	11.6	77.2	1.36	28.6	68.0	72.0
ZR57KE	TFD	5.0	17,115	58,400	5,040	8.0	3.40	11.6	77.2	1.36	28.6	74.8	72.0
ZR57KH	TFD	5.0	17,027	58,100	5,050	7.5	3.37	11.5	77.2	1.95	38.6	62.0	74.0
ZR57KS	TF5	5.0	17,145	58,500	5,050	15.0	3.39	11.6	77.2	1.24	29.9	125.0	72.0
ZR57KS	TF7	5.0	17,145	58,500	5,100	8.9	3.36	11.5	77.2	1.24	29.9	65.0	72.0
ZR57KS	TFD	5.0	17,145	58,500	5,050	7.5	3.39	11.6	77.2	1.24	29.9	59.0	72.0
ZR57KT	TFD	5.0	16,852	57,500	5,000	7.7	3.37	11.5	77.2	1.95	36.3	59.6	74.0
ZR61K3E	TF5	5.0	18,170	62,000	5,350	16.5	3.40	11.6	82.6	1.95	38.1	137.0	74.0
ZR61K3E	TFD	5.0	18,170	62,000	5,350	7.8	3.40	11.6	82.6	1.95	38.1	62.0	74.0
ZR61K3	TF5	5.0	18,170	62,000	5,340	16.5	3.40	11.6	82.6	1.95	38.1	137.0	74.0
ZR61K3	TFD	5.0	18,170	62,000	5,350	7.8	3.40	11.6	82.6	1.95	38.1	62.0	74.0
ZR61KC	TF5	5.0	18,170	62,000	5,400	16.7	3.36	11.5	82.6	1.95	35.4	128.0	74.0
ZR61KC	TF7	5.0	18,170	62,000	5,400	9.3	3.36	11.5	82.6	1.95	36.3	64.0	74.0
ZR61KC	TFD	5.0	18,170	62,000	5,400	8.4	3.36	11.5	82.6	1.95	35.8	63.0	74.0
ZR61KE	TF7	5.0	18,229	62,200	5,420	9.5	3.36	11.5	82.6	1.36	29.9	68.0	72.0
ZR61KE	TFD	5.0	18,317	62,500	5,390	8.4	3.40	11.6	82.6	1.36	29.9	74.8	69.0
ZR61KH	TFD	5.0	18,112	61,800	5,430	8.1	3.34	11.4	82.6	1.77	27.2	68.0	75.0
ZR61KS	TF5	5.0	18,170	62,000	5,350	15.8	3.40	11.6	82.6	1.24	29.9	125.0	72.0
ZR61KS	TF7	5.0	18,170	62,000	5,350	9.2	3.40	11.6	82.6	1.24	29.9	65.0	72.0
ZR61KS	TFD	5.0	18,170	62,000	5,350	7.9	3.40	11.6	82.6	1.24	29.9	56.0	72.0
ZR61KT	TFD	5.0	18,170	62,000	5,400	8.4	3.36	11.5	82.6	1.95	35.8	63.0	74.0
ZR68KCE	TF5	6.0	20,515	70,000	5,950	17.5	3.45	11.8	93.1	1.77	39.0	156.0	75.0
ZR68KCE	TFD	6.0	20,515	70,000	5,950	8.7	3.45	11.8	93.1	1.77	39.0	75.0	75.0
ZR68KC	TF5	6.0	20,515	70,000	5,950	17.5	3.45	11.8	93.1	1.77	39.0	156.0	75.0
ZR68KC	TFD	6.0	20,515	70,000	5,950	8.8	3.45	11.8	93.1	1.77	39.0	75.0	75.0
ZR68KT	TFD	6.0	20,515	70,000	5,950	8.7	3.45	11.8	93.1	1.77	39.0	75.0	75.0
ZR72KCE	TF5	6.0	21,541	73,500	6,250	18.1	3.45	11.7	98.0	1.77	38.6	156.0	75.0
ZR72KCE	TF7	6.0	21,541	73,500	6,250	10.5	3.45	11.7	98.0	1.77	38.6	70.0	75.0
ZR72KCE	TFD	6.0	21,541	73,500	6,250	9.1	3.45	11.7	98.0	1.77	38.6	75.0	75.0
ZR72KC	TF5	6.0	21,541	73,500	6,250	18.2	3.45	11.7	98.0	1.77	38.6	156.0	75.0
ZR72KC	TF7	6.0	21,541	73,500	6,250	10.5	3.45	11.7	98.0	1.77	38.6	70.0	75.0
ZR72KC	TFD	6.0	21,541	73,500	6,250	9.1	3.45	11.7	98.0	1.77	38.6	75.0	75.0
ZR72KS	TF5	6.0	21,541	73,500	6,250	18.2	3.45	11.7	98.0	1.77	38.6	156.0	75.0
ZR72KS	TF7	6.0	21,541	73,500	6,250	10.5	3.45	11.7	98.0	1.77	38.6	70.0	75.0
ZR72KS	TFD	6.0	21,541	73,500	6,250	9.1	3.45	11.7	98.0	1.77	38.6	75.0	75.0
ZR72KT	TFD	6.0	21,541	73,500	6,260	9.1	3.44	11.8	98.0	1.77	38.6	75.0	75.0
ZR81KCE	TF5	7.0	24,032	82,000	6,950	20.8	3.46	11.8	107.8	1.77	39.0	164.0	75.0
ZR81KCE	TFD	7.0	24,032	82,000	6,950	11.0	3.46	11.8	107.8	1.77	39.0	100.0	75.0
ZR81KC	TF5	7.0	24,032	82,000	6,950	20.8	3.46	11.8	107.8	1.77	39.0	164.0	75.0
ZR81KC	TF7	7.0	24,032	82,000	6,950	11.8	3.46	11.8	107.8	1.77	39.0	100.0	75.0
ZR81KC	TFD	7.0	24,032	82,000	6,950	11.0	3.46	11.8	107.8	1.77	39.0	100.0	75.0
ZR81KTE	TF5	7.0	24,032	82,000	6,950	20.9	3.46	11.8	107.8	1.77	39.0	164.0	75.0

200-230V/380V/460V; 60 Hz, 3 Phase

R407C

Model		(HP)	Capacity		Power (W)	Current (A)	COP (W/W)	EER (Btu/Wh)	Displacement (cc/ Rev.)	Oil (l)	Weight (kg)	Lock rotor Amps (A)	Noise sound power (dBA)
			(W)	(Btu/h)									
ZR81KT	TFD	7.0	24,032	82,000	6,950	11.0	3.46	11.8	107.8	1.77	39.0	100.0	75.0
ZR84KC	TF5	7.0	25,058	85,500	7,300	22.8	3.43	11.8	113.6	2.51	57.2	196.0	78.0
ZR84KC	TF7	7.0	25,058	85,500	7,300	13.8	3.43	11.8	113.6	2.51	57.2	135.0	78.0
ZR84KC	TFD	7.0	25,058	85,500	7,300	11.4	3.43	11.8	113.6	2.51	57.2	100.0	78.0
ZR90K3E	TW7	7.5	26,083	89,000	8,000	15.1	3.26	11.1	120.0	4.14	93.9	112.0	83.0
ZR90K3E	TWD	7.5	26,083	89,000	8,000	12.5	3.26	11.1	120.0	4.14	93.9	99.0	83.0
ZR90K3	TW7	7.5	26,083	89,000	8,000	15.1	3.26	11.1	120.0	4.14	93.9	112.0	83.0
ZR90K3	TWD	7.5	26,083	89,000	8,000	12.5	3.26	11.1	120.0	4.14	93.9	99.0	83.0
ZR94KC	TF5	8.0	28,281	96,500	8,200	24.9	3.45	11.8	127.2	2.51	56.7	195.0	78.0
ZR94KC	TFD	8.0	28,281	96,500	8,200	12.8	3.45	11.8	127.2	2.51	57.2	95.0	78.0

Note: All values as per AHRI test standards: Evaporating temperature: 7.2°C, Condensing temperature: 54.4°C. Subcooling: 8.3K, Superheat: 11.1K, Ambient temperature: 35°C

380V ; 50 Hz, 3 Phase

R407C

Model		(HP)	Capacity		Power (W)	Current (A)	COP (W/W)	EER (Btu/Wh)	Displacement (cc/ Rev.)	Oil (l)	Weight (kg)	Lock rotor Amps (A)	Noise sound power (dBA)
			(W)	(Btu/h)									
VR108KFE	TFP	9.0	25,497	87,000	7,700	14.1	3.31	11.3	142.9	3.25	59.9	112.0	74.0
VR108KSE	TFP	9.0	25,497	87,000	7,500	13.7	3.40	11.6	142.9	3.25	59.9	100.0	74.0
VR125KFE	TFP	10.0	30,186	103,000	9,050	16.8	3.34	11.4	142.9	3.25	59.9	153.0	74.0
VR125KSE	TFP	10.0	29,893	102,000	8,950	16.1	3.34	11.4	167.1	3.25	61.2	110.0	74.0
VR144KFE	TFP	12.0	33,703	115,000	10,300	18.6	3.27	11.2	167.1	3.25	61.2	153.0	75.0
VR144KSE	TFP	12.0	33,996	116,000	10,200	18.0	3.33	11.3	190.9	3.25	61.2	110.0	75.0
VR160KSE	TFP	13.0	37,513	128,000	11,450	20.5	3.28	11.2	190.9	3.25	61.2	133.0	78.0
VR190KSE	TFP	15.0	43,961	150,000	13,650	26.5	3.22	11.0	209.1	3.25	64.9	168.0	82.0
VR84KSE	TFP	7.0	19,929	68,000	6,100	11.4	3.27	11.2	82.6	1.36	0.9	90.0	79.0
VR94KSE	TFP	8.0	22,273	76,000	6,900	12.8	3.23	11.0	113.6	2.51	57.2	86.0	74.0

Note: All values as per AHRI test standards: Evaporating temperature: 7.2°C, Condensing temperature: 54.4°C. Subcooling: 8.3K, Superheat: 11.1K, Ambient temperature: 35°C

208-230V ; 60 Hz, 1 Phase

R134a

Model		(HP)	Capacity		Power (W)	Current (A)	COP (W/W)	EER (Btu/Wh)	Displacement (cc/ Rev.)	Oil (l)	Weight (kg)	Lock rotor Amps (A)	Noise sound power (dBA)
			(W)	(Btu/h)									
ZR16K4E	PFV	1.3	3,194	10,900	1,070	4.7	2.99	10.2	22.8	0.74	19.8	41.0	68.0
ZR18K4E	PFV	1.5	3,458	11,800	1,210	5.3	2.86	9.8	24.9	0.74	19.5	45.0	68.0
ZR40K3E	PFV	3.5	7,942	27,100	2,550	12.2	3.11	10.6	54.2	1.24	29.5	104.0	71.0
ZR61KCE	PFV	5.0	12,221	41,700	3,590	20.4	3.40	11.6	82.6	1.66	39.5	144.0	74.0
ZR68KCE	PFV	5.5	13,745	46,900	4,420	22.2	3.11	10.6	93.1	1.77	40.4	176.0	75.0

Note: All values as per AHRI test standards: Evaporating temperature: 7.2°C, Condensing temperature: 54.4°C. Subcooling: 8.3K, Superheat: 11.1K, Ambient temperature: 35°C

380-420V; 50 Hz, 3 Phase

R134a

Model	(HP)	Capacity		Power (W)	Current (A)	COP (W/W)	EER (Btu/Wh)	Displacement (cc/ Rev.)	Oil (l)	Weight (kg)	Lock rotor Amps (A)	Noise sound power (dBA)
		(W)	(Btu/h)									
ZR108KCE TFD	9.0	17,555	59,900	5,260	11.6	3.34	11.4	142.9	3.25	59.9	111.0	74.0
ZR11M3E TWD	9.0	17,877	61,000	5,600	11.5	3.19	10.8	144.0	4.14	96.2	123.0	78.0
ZR125KCE TFD	10.0	20,515	70,000	6,150	12.2	3.34	11.4	167.1	3.25	61.2	118.0	74.0
ZR12M3E TWD	10.0	20,662	70,500	6,450	13.2	3.20	10.9	165.5	4.14	100.2	127.0	78.0
ZR144KCE TFD	12.0	23,299	79,500	6,950	13.6	3.35	11.5	190.9	3.25	61.2	118.0	75.0
ZR160KCE TED	13.0	25,497	87,000	7,600	15.7	3.35	11.5	209.1	3.37	64.9	140.0	78.0
ZR160KCE TFD	13.0	25,497	87,000	7,600	15.7	3.35	11.5	209.1	3.25	64.9	140.0	78.0
ZR160KCE TWD	13.0	25,497	87,000	7,600	15.7	3.35	11.5	209.1	3.25	64.9	140.0	78.0
ZR160KTE TFD	13.0	25,497	87,000	7,600	15.7	3.35	11.5	209.1	3.25	64.9	140.0	78.0
ZR16M3E TWD	13.0	25,351	86,500	7,900	16.1	3.21	10.9	204.3	4.14	103.0	167.0	80.0
ZR190KCE TED	15.0	30,479	104,000	9,200	20.6	3.31	11.3	249.1	3.37	64.9	173.0	82.0
ZR190KCE TFD	15.0	30,479	104,000	9,200	20.6	3.31	11.3	249.1	3.25	66.2	174.0	82.0
ZR190KCE TWD	15.0	30,479	104,000	9,200	20.6	3.31	11.3	249.1	3.25	66.2	173.0	82.0
ZR190KTE TFD	15.0	30,479	104,000	9,200	20.6	3.31	11.3	249.1	3.25	66.2	174.0	82.0
ZR19M3E TWD	15.0	30,186	103,000	10,000	17.9	3.02	10.3	245.8	4.14	107.0	198.0	80.0
ZR22K3E TFD	1.8	3,605	12,300	1,230	2.4	2.93	10.0	30.6	1.12	24.5	24.0	65.0
ZR250KCE TED	20.0	40,151	137,000	12,200	22.6	3.29	11.2	325.1	4.67	139.3	225.0	83.0
ZR250KCE TWD	20.0	40,151	137,000	12,200	22.6	3.29	11.2	325.1	4.67	139.3	225.0	83.0
ZR28K3E TFD	2.5	4,748	16,200	1,570	3.2	3.02	10.3	39.3	1.12	25.4	32.0	65.0
ZR28KTE TFD	2.5	4,748	16,200	1,565	3.2	3.03	10.3	39.3	1.12	25.4	32.0	65.0
ZR300KCE TED	25.0	46,891	160,000	13,900	26.3	3.37	11.5	384.6	6.30	184.2	250.0	86.0
ZR300KCE TWD	25.0	46,891	160,000	13,900	26.3	3.37	11.5	384.6	6.30	184.2	250.0	86.0
ZR310KCE TED	26.0	49,822	170,000	15,300	28.3	3.26	11.1	410.5	6.80	160.1	272.0	85.0
ZR310KCE TWD	26.0	49,822	170,000	15,300	28.3	3.26	11.1	410.5	6.80	160.1	272.0	85.0
ZR34K3E TFD	3.0	5,539	18,900	1,830	3.7	3.03	10.3	46.2	1.24	26.8	40.0	68.0
ZR36K3E TFD	3.0	5,422	18,500	1,992	(blank)	2.72	9.3	49.5	1.24	27.2	40.0	71.0
		5,949	20,300	1,980	3.9	3.00	10.2	49.5	1.24	27.2	40.0	71.0
ZR380KCE TED	30.0	63,010	215,000	18,800	35.6	3.35	11.4	502.6	6.30	176.9	310.0	88.0
ZR380KCE TWD	30.0	63,010	215,000	18,800	35.6	3.35	11.4	502.6	6.30	176.9	310.0	88.0
ZR40K3E TFD	3.5	6,477	22,100	2,090	4.1	3.10	10.6	54.2	1.24	28.1	46.0	68.0
ZR48K3E TFD	4.0	7,737	26,400	2,530	4.9	3.06	10.4	65.5	1.36	28.1	50.0	68.0
ZR48KCE TFD	4.0	7,884	26,900	2,420	4.8	3.26	11.1	65.5	1.36	28.1	50.0	71.0
ZR48KTE TFD	4.0	7,737	26,400	2,530	4.9	3.06	10.4	65.5	1.36	28.1	50.0	68.0
ZR49KCE TFD	4.0	8,118	27,700	2,490	4.7	3.26	11.1	67.2	1.95	35.4	49.3	69.0
ZR61KCE TFD	5.0	10,052	34,300	2,990	6.3	3.36	11.5	82.6	1.95	35.8	65.5	71.0
ZR68KCE TFD	5.5	11,400	38,900	3,310	6.4	3.44	11.8	93.1	1.77	39.0	74.0	72.0
ZR68KTE TFD	6.0	11,400	38,900	3,310	6.4	3.44	11.8	93.1	1.77	39.0	74.0	72.0
ZR72KCE TFD	6.0	11,840	40,400	3,590	6.8	3.30	11.3	98.0	1.77	38.6	74.0	72.0
ZR72KTE TFD	6.0	11,840	40,400	3,580	6.8	3.31	11.3	98.0	1.77	38.6	74.0	72.0
ZR81KCE TFD	7.0	13,305	45,400	4,010	8.6	3.32	11.3	107.8	1.77	39.0	101.0	72.0
ZR81KTE TFD	7.0	13,305	45,400	4,010	8.6	3.32	11.3	107.8	1.77	39.0	101.0	72.0
ZR84KCE TFD	7.0	13,364	45,600	4,200	10.0	3.18	10.9	113.6	2.51	57.2	100.0	79.0
ZR90K3E TWD	7.5	14,507	49,500	4,620	10.1	3.14	10.7	120.0	4.14	93.9	99.0	80.0
ZR94KCE TFD	8.0	15,679	53,500	4,710	10.4	3.33	11.4	127.2	2.51	57.2	95.0	74.0

Note: All values as per AHRI test standards: Evaporating temperature: 7.2°C, Condensing temperature: 54.4°C. Subcooling: 8.3K, Superheat: 11.1K, Ambient temperature: 35°C

200-230V/380V/460V; 60 Hz, 3 Phase

R134a

Model	(HP)	Capacity		Power (W)	Current (A)	COP (W/W)	EER (Btu/Wh)	Displacement (cc/ Rev.)	Oil (l)	Weight (kg)	Lock rotor Amps (A)	Noise sound power (dBA)
		(W)	(Btu/h)									
ZR108KCE TF5	9.0	21,130	72,100	6,440	22.9	3.28	11.2	142.9	3.25	59.9	225.0	80.0
ZR108KCE TFD	9.0	21,130	72,100	6,440	11.5	3.28	11.2	142.9	3.25	59.9	114.0	80.0
ZR11M3E TWD	9.0	21,570	73,600	6,790	11.5	3.18	10.9	144.0	4.14	96.2	125.0	81.0
ZR125KCE TF5	10.0	24,911	85,000	7,570	24.8	3.29	11.3	167.1	3.25	61.2	239.0	80.0
ZR125KCE TFD	10.0	24,911	85,000	7,570	12.4	3.29	11.3	167.1	3.25	61.2	125.0	80.0
ZR12M3E TWD	10.0	24,911	85,000	7,800	13.2	3.19	10.9	165.5	4.14	100.2	127.0	81.0
ZR144KCE TF5	12.0	28,399	96,900	8,480	30.0	3.35	11.4	190.9	3.25	61.2	245.0	80.0
ZR144KCE TFD	12.0	28,252	96,400	8,500	13.7	3.32	11.4	190.9	3.25	61.2	125.0	80.0
ZR160KCE TE5	13.0	30,772	105,000	9,500	32.6	3.24	11.1	209.1	3.37	66.2	300.0	82.0
ZR160KCE TED	13.0	30,772	105,000	9,500	16.3	3.24	11.1	209.1	3.37	64.9	150.0	82.0
ZR160KCE TFD	13.0	30,772	105,000	9,500	16.3	3.24	11.1	209.1	3.25	64.9	150.0	82.0
ZR160KCE TW5	13.0	30,772	105,000	9,500	32.6	3.24	11.1	209.1	3.25	66.2	300.0	82.0
ZR160KCE TWD	13.0	30,772	105,000	9,500	16.3	3.24	11.1	209.1	3.25	64.9	150.0	82.0
ZR160KTE TFD	13.0	30,772	105,000	9,500	16.3	3.24	11.1	209.1	3.25	64.9	150.0	82.0
ZR16M3E TW7	13.0	30,772	105,000	9,600	19.5	3.21	10.9	204.3	4.14	103.0	195.0	83.0
ZR16M3E TWD	13.0	30,772	105,000	9,600	16.1	3.21	10.9	204.3	4.14	103.0	158.0	83.0
ZR190KCE TE5	15.0	37,220	127,000	11,300	42.8	3.29	11.2	249.1	3.37	66.2	340.0	83.0
ZR190KCE TED	15.0	37,220	127,000	11,300	21.4	3.29	11.2	249.1	3.37	64.9	173.0	83.0
ZR190KCE TFD	15.0	37,220	127,000	11,300	21.4	3.29	11.2	249.1	3.25	66.2	179.0	83.0
ZR190KCE TW5	15.0	37,220	127,000	11,300	42.8	3.29	11.2	249.1	3.25	66.2	340.0	83.0
ZR190KCE TWD	15.0	37,220	127,000	11,300	21.4	3.29	11.2	249.1	3.25	66.2	173.0	83.0
ZR190KTE TFD	15.0	37,220	127,000	11,300	21.4	3.29	11.2	249.1	3.25	66.2	179.0	83.0
ZR19M3E TW7	15.0	36,927	126,000	12,200	21.6	3.03	10.3	245.8	4.14	107.0	239.0	83.0
ZR19M3E TWD	15.0	36,927	126,000	12,200	17.9	3.03	10.3	245.8	4.14	107.0	187.0	83.0
ZR22K3E TFD	1.8	4,337	14,800	1,480	2.9	2.93	10.0	30.6	1.12	24.5	22.4	68.0
ZR250KCE TE5	20.0	48,650	166,000	15,100	49.5	3.22	11.0	325.1	4.67	138.8	505.0	88.0
ZR250KCE TE7	20.0	48,650	166,000	15,100	27.5	3.22	11.0	325.1	4.67	139.3	290.0	88.0
ZR250KCE TED	20.0	48,650	166,000	15,100	22.7	3.22	11.0	325.1	4.67	139.3	225.0	88.0
ZR250KCE TW5	20.0	48,650	166,000	15,100	49.5	3.22	11.0	325.1	4.67	138.8	505.0	88.0
ZR250KCE TW7	20.0	48,650	166,000	15,100	27.5	3.22	11.0	325.1	4.67	139.3	290.0	88.0
ZR250KCE TWD	20.0	48,650	166,000	15,100	22.7	3.22	11.0	325.1	4.67	139.3	225.0	88.0
ZR28K3E TF5	2.5	5,803	19,800	1,910	6.6	3.04	10.3	39.3	1.12	25.4	63.0	68.0
ZR28K3E TFD	2.5	5,803	19,800	1,910	3.3	3.04	10.3	39.3	1.12	25.4	31.0	68.0
ZR28KTE TFD	2.5	5,788	19,750	1,910	3.3	3.03	10.4	39.3	1.12	25.4	31.0	68.0
ZR300KCE TE5	25.0	56,856	194,000	17,500	54.3	3.25	11.1	384.6	6.30	184.2	500.0	90.0
ZR300KCE TE7	25.0	56,856	194,000	17,500	32.9	3.25	11.1	384.6	6.30	184.2	305.0	90.0
ZR300KCE TED	25.0	56,856	194,000	17,500	27.2	3.25	11.1	384.6	6.30	184.2	250.0	90.0
ZR300KCE TW5	25.0	56,856	194,000	17,500	54.3	3.25	11.1	384.6	6.30	184.2	500.0	90.0
ZR300KCE TW7	25.0	56,856	194,000	17,500	32.9	3.25	11.1	384.6	6.30	184.2	305.0	90.0
ZR300KCE TWD	25.0	56,856	194,000	17,500	27.2	3.25	11.1	384.6	6.30	184.2	250.0	90.0
ZR310KCE TE5	26.0	60,080	205,000	18,800	56.6	3.20	10.9	410.5	6.80	160.1	605.0	N/A
ZR310KCE TE7	26.0	60,080	205,000	18,800	34.3	3.20	10.9	410.5	6.80	160.1	353.0	90.0
ZR310KCE TED	26.0	60,080	205,000	18,800	28.3	3.20	10.9	410.5	6.80	160.1	272.0	90.0
ZR310KCE TW7	26.0	60,080	205,000	18,800	34.3	3.20	10.9	410.5	6.80	160.1	353.0	90.0
ZR310KCE TWD	26.0	60,080	205,000	18,800	28.3	3.20	10.9	410.5	6.80	160.1	272.0	90.0
ZR34K3E TFD	3.0	6,829	23,300	2,250	3.9	3.03	10.4	46.2	1.24	26.8	39.0	71.0

200-230V/380V/460V; 60 Hz, 3 Phase

R134a

Model	(HP)	Capacity		Power (W)	Current (A)	COP (W/W)	EER (Btu/Wh)	Displacement (cc/ Rev.)	Oil (l)	Weight (kg)	Lock rotor Amps (A)	Noise sound power (dBA)
		(W)	(Btu/h)									
ZR36K3E TFD	3.0	7,151	24,400	2,390	3.8	2.99	10.2	49.5	1.24	27.2	39.0	71.0
ZR380KCE TE5	30.0	74,147	253,000	22,400	69.4	3.31	11.3	502.6	6.30	176.9	599.0	92.0
ZR380KCE TE7	30.0	74,147	253,000	22,400	42.0	3.31	11.3	502.6	6.30	176.9	358.0	92.0
ZR380KCE TED	30.0	74,147	253,000	22,400	34.7	3.31	11.3	502.6	6.30	176.9	310.0	92.0
ZR380KCE TW5	30.0	74,147	253,000	22,400	69.4	3.31	11.3	502.6	6.30	176.9	599.0	92.0
ZR380KCE TW7	30.0	74,147	253,000	22,400	42.0	3.31	11.3	502.6	6.30	176.9	358.0	92.0
ZR380KCE TWD	30.0	74,147	253,000	22,400	34.7	3.31	11.3	502.6	6.30	176.9	310.0	92.0
ZR40K3E TFD	3.5	7,884	26,900	2,580	4.1	3.06	10.4	54.2	1.24	28.1	44.0	71.0
ZR48K3E TF5	4.0	9,642	32,900	2,990	9.8	3.22	11.0	65.5	1.36	32.7	91.0	71.0
ZR48K3E TFD	4.0	9,525	32,500	3,090	5.0	3.08	10.5	65.5	1.36	28.1	50.0	71.0
ZR48KCE TFD	4.0	9,613	32,800	2,970	5.0	3.24	11.0	65.5	1.36	28.1	50.0	71.0
ZR48KTE TF5	4.0	9,525	32,500	3,090	10.2	3.08	10.5	65.5	1.36	28.1	91.0	71.0
ZR48KTE TFD	4.0	9,525	32,500	3,090	5.0	3.08	10.5	65.5	1.36	28.1	50.0	71.0
ZR49KCE TFD	4.0	9,964	34,000	3,070	5.1	3.25	11.1	67.2	1.95	35.4	47.5	72.0
ZR61KCE TF5	5.0	12,162	41,500	3,710	13.1	3.28	11.2	82.6	1.95	35.4	128.0	74.0
ZR61KCE TFD	5.0	12,368	42,200	3,550	6.4	3.48	11.9	82.6	1.95	35.8	63.0	74.0
ZR68KCE TFD	5.5	13,833	47,200	4,030	6.5	3.43	11.7	93.1	1.77	39.0	75.0	75.0
ZR68KTE TFD	6.0	13,833	47,200	4,030	6.6	3.43	11.7	93.1	1.77	39.0	75.0	75.0
ZR72KCE TF5	6.0	14,478	49,400	4,300	13.8	3.37	11.5	98.0	1.77	38.6	156.0	75.0
ZR72KCE TF7	6.0	14,360	49,000	4,420	8.4	3.25	11.1	98.0	1.77	38.6	70.0	75.0
ZR72KCE TFD	6.0	14,360	49,000	4,420	7.0	3.25	11.1	98.0	1.77	38.6	75.0	75.0
ZR72KTE TFD	6.0	14,360	49,000	4,420	7.0	3.25	11.1	98.0	1.77	38.6	75.0	75.0
ZR81KCE TF5	7.0	15,972	54,500	4,760	16.0	3.36	11.5	107.8	1.77	39.0	164.0	75.0
ZR81KCE TFD	7.0	16,119	55,000	4,950	8.9	3.26	11.1	107.8	1.77	39.0	100.0	75.0
ZR81KTE TF5	7.0	15,972	54,500	4,760	15.9	3.36	11.5	107.8	1.77	39.0	164.0	75.0
ZR81KTE TFD	7.0	16,119	55,000	4,940	8.9	3.26	11.1	107.8	1.77	39.0	100.0	75.0
ZR84KCE TF5	7.0	16,236	55,400	5,150	19.5	3.15	10.8	113.6	2.51	57.2	196.0	82.0
ZR84KCE TF7	7.0	16,236	55,400	5,150	11.8	3.15	10.8	113.6	2.51	57.2	135.0	82.0
ZR84KCE TFD	7.0	16,236	55,400	5,150	9.8	3.15	10.8	113.6	2.51	57.2	100.0	82.0
ZR90K3E TW7	7.5	17,584	60,000	5,600	12.2	3.14	10.7	120.0	4.14	93.9	112.0	83.0
ZR90K3E TWD	7.5	17,584	60,000	5,600	10.1	3.14	10.7	120.0	4.14	93.9	99.0	83.0
ZR94KCE TF5	8.0	18,757	64,000	5,700	22.8	3.29	11.2	127.2	2.51	56.7	195.0	79.0
ZR94KCE TFD	8.0	18,757	64,000	5,700	11.4	3.29	11.2	127.2	2.51	57.2	95.0	79.0

Note: All values as per AHRI test standards: Evaporating temperature: 7.2°C, Condensing temperature: 54.4°C. Subcooling: 8.3K, Superheat: 11.1K, Ambient temperature: 35°C