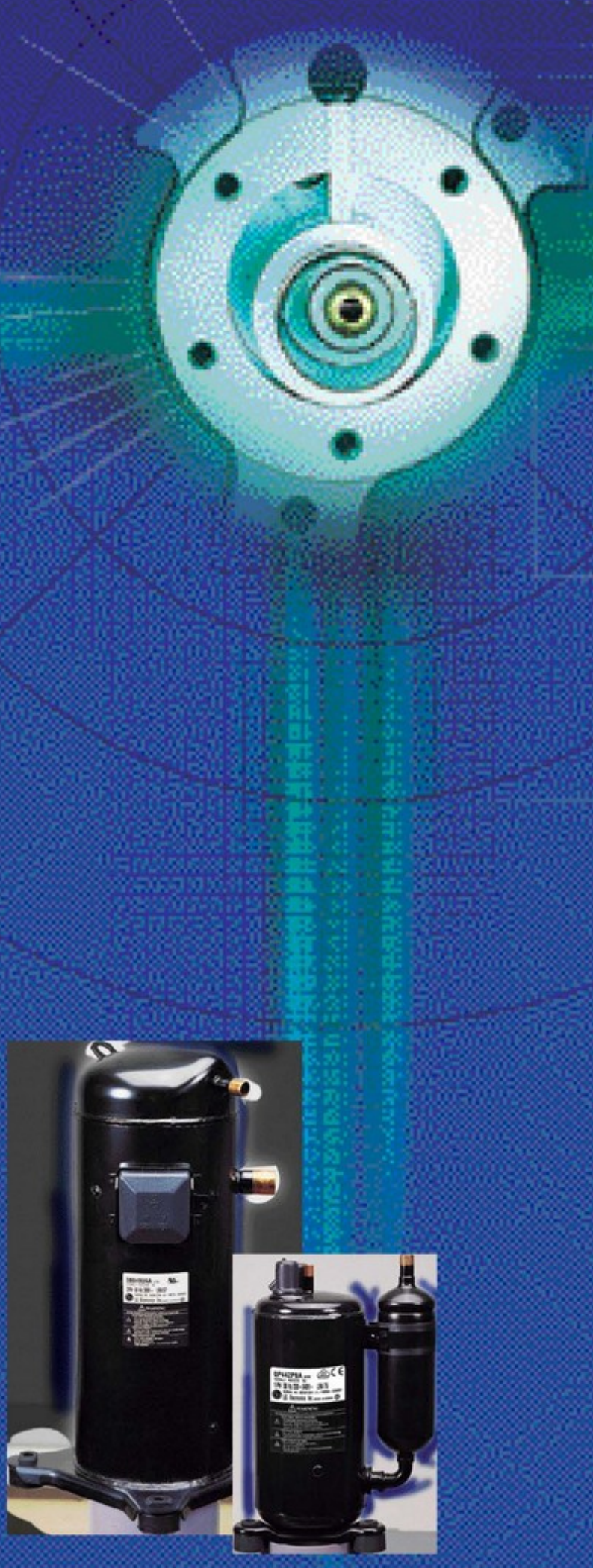
Rotary | Scroll compressor
for Air Conditioning

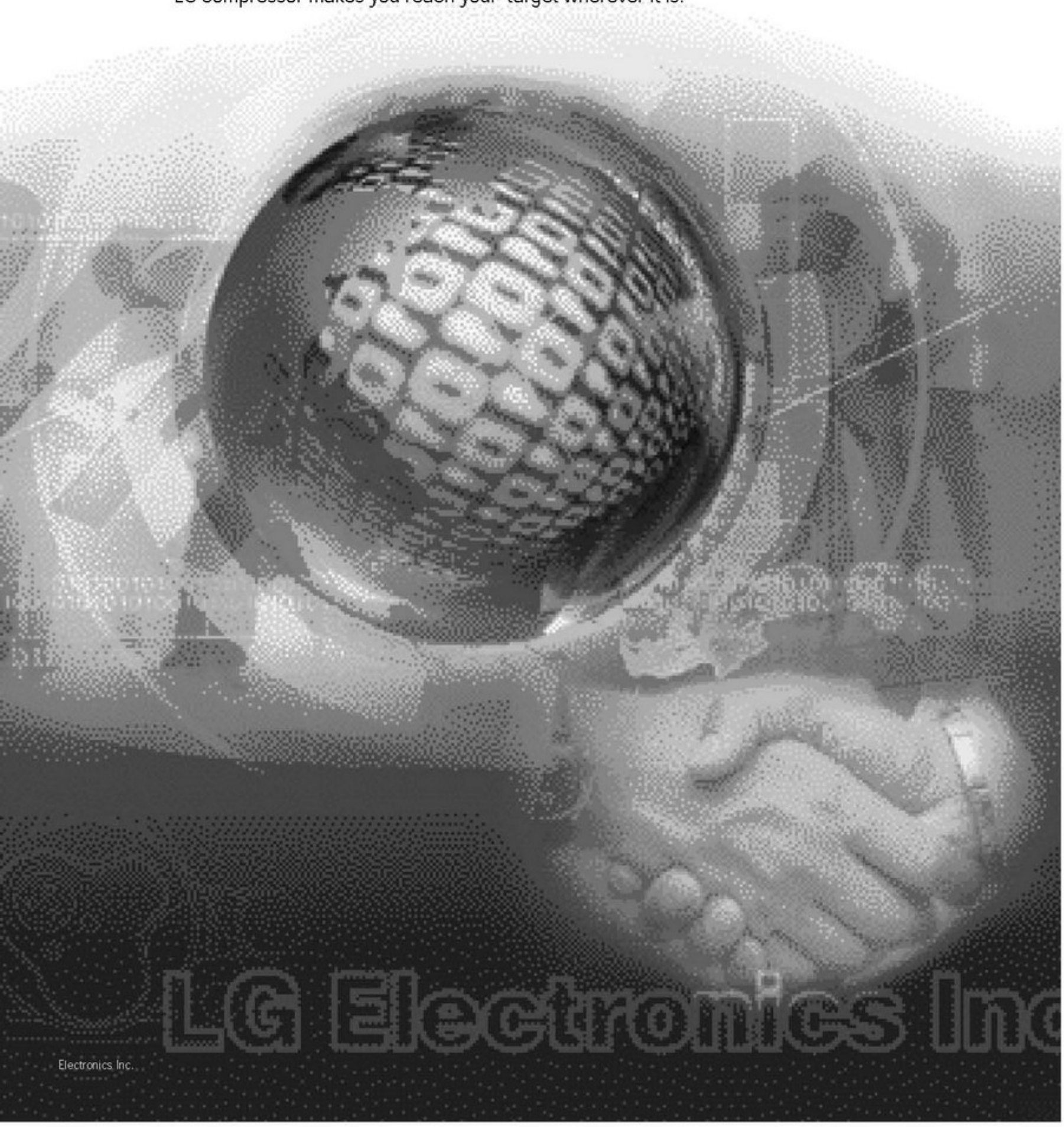


A Global Partner for Worldwide Product Leadership

LG gives you the worldwide product leadership with the best performance and best quality.

All of the LG compressor's high-technology and quality is for customer's competitiveness in the global market.

LG compressor makes you reach your target wherever it is.



Electronics Inc.

Brief History

1990 Started Rotary Compressor Production with 600k Capacity (10frame & 15frame)

1994 Increased Production Capacity to 1.2million
Developed 20 frame Compressor (QJ series)
ISO 9001 Certification from BSI-QA

1995 Developed Scroll Compressor

1996 Increased Production Capacity to 2.5million
Developed Rotary AC Inverter Compressor
ISO 14001 Certification from BSI-QA

1997 Developed New Refrigerant Rotary Compressor for R407C
Developed 30 Frame Compressor (QP series)
Started Scroll Compressor Production with 100k Capacity (FX- Q series)

1998 Started Production with 1million Capacity in Tianjin, China
Increased Rotary Production Capacity to 3million
Increased Scroll Production Capacity to 300k
Developed New Refrigerant Rotary Compressor for R410A
Developed QA Hi-EER Model (QA - Hero)

1999 Increased Rotary Production Capacity to 3.8million
Increased Scroll Production Capacity to 400k
Accomplished Accumulated Prodution 10 million
Developed Enlarged Capacity Model (QA - QJ)

2000 Increased Global Production Capacity to 5.5million
Developed Scroll AC Inverter Compressor

2001 Developed New Refrigerant Scroll Compressor for R407C
Increased Global Production Capacity to 8million
Accomplished Accumulated Prodution 20million

2002 Increased Global Production Capacity to 10million
Accomplished Accumulated Prodution 30million

2003 Increased Global Production Capacity to 13million
Developed Twin Rotary Compressor
Developed New Scroll Compressor for R410A

2004 Developed Scroll Compressor for R410A Hi-EER
Developed New Frame Scroll Compressor (SB Series)

World Best compressor supply through global production

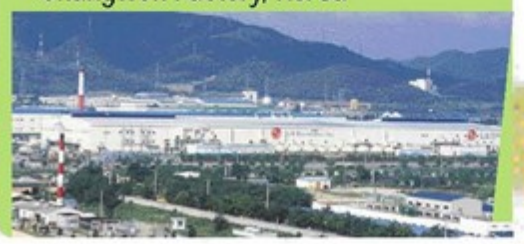
LG offers the most extensive line of innovative products availability for air conditioning through over 15.5 million units of manufacturing capacity globally.

Global Plants

• TianJin Factory, China

- 1998. Started Rotary Comp. Production
- 2005. 8.5 Mil. pcs production capacity (Rotary comp.)

• Changwon Factory, Korea



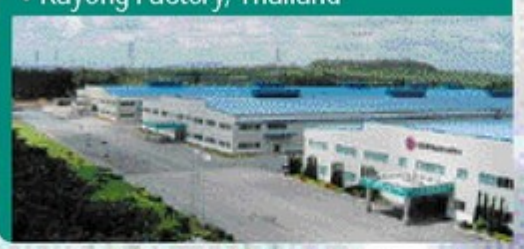
- 1990. Started Rotary Comp. Production
- 1997. Started Scroll Comp. Production
- 2005. 5.5 Mil. pcs production capacity (Rotary : 4.5 Mil., Scroll : 1.0 Mil.)

Changwon Factory, Korea

TianJin Factory, China

Rayong Factory, Thailand

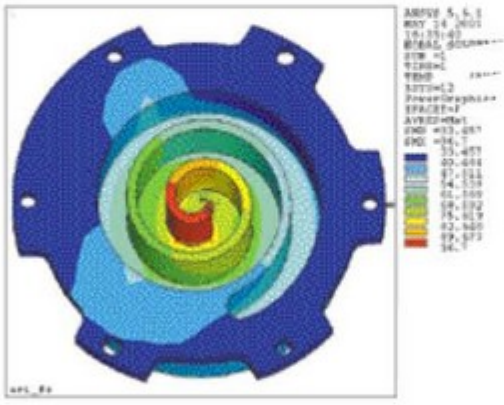
• Rayong Factory, Thailand

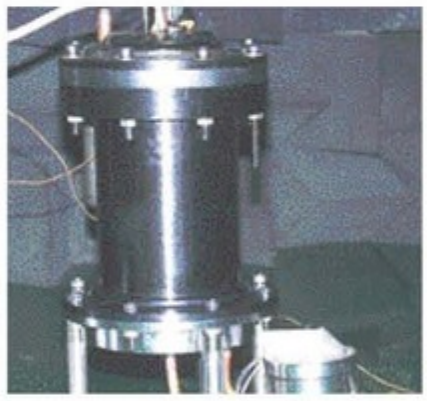


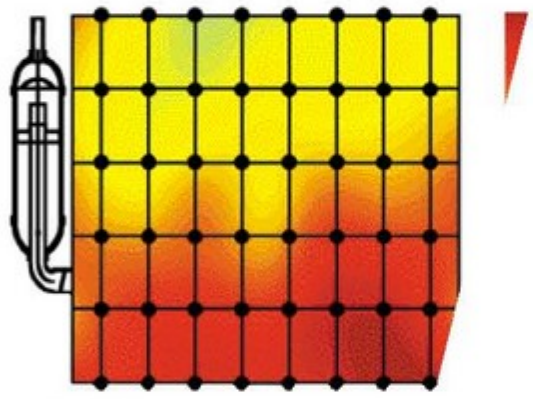
- 2003. Started Rotary Comp. Production
- 2005. 2.0 Mil. pcs production capacity (Rotary comp.)

Technology Innovation

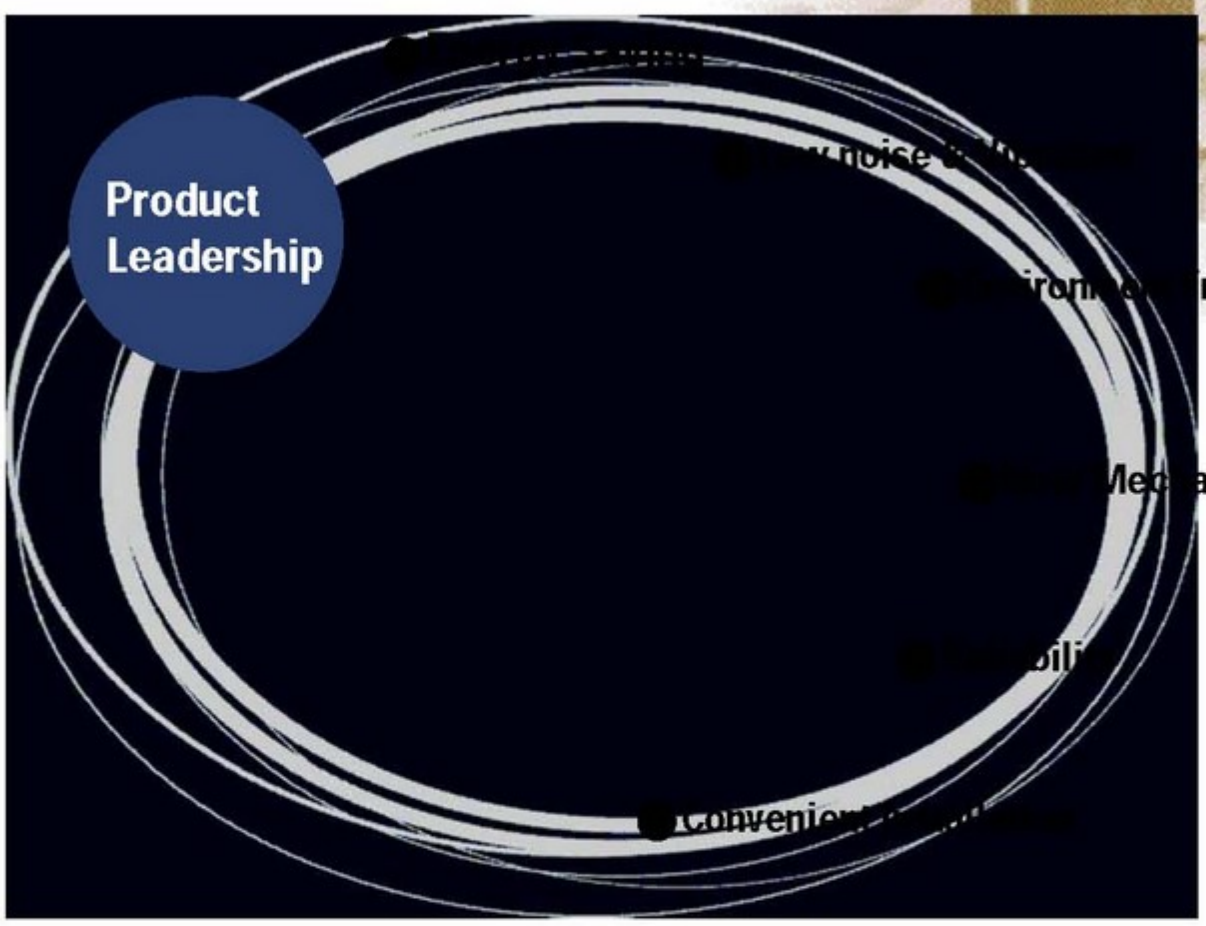
Providing our customers with the highest satisfaction through product leadership in the compressor business world







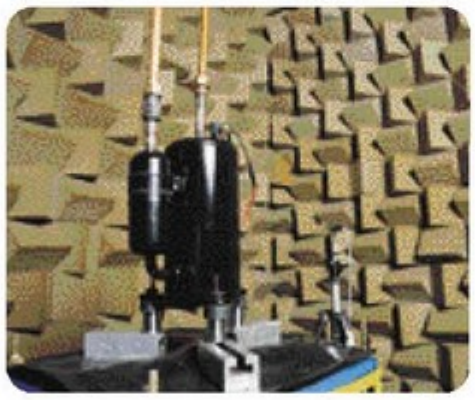
LG compressor's fundamental policy of development is product leadership to provide our customers with the highest satisfaction with many R&D projects are affiliated with authoritative universities and institutes, and technology developments from each lab come to life at the plant engineering design department.



Quality Innovation

Quality assurance system in every field for 6σ quality

Quality assurance system in every field for 6-sigma quality.
For the zero defect quality, LG compressor is operating many kinds of quality improvement and quality control tools based on 6-sigma Activities.



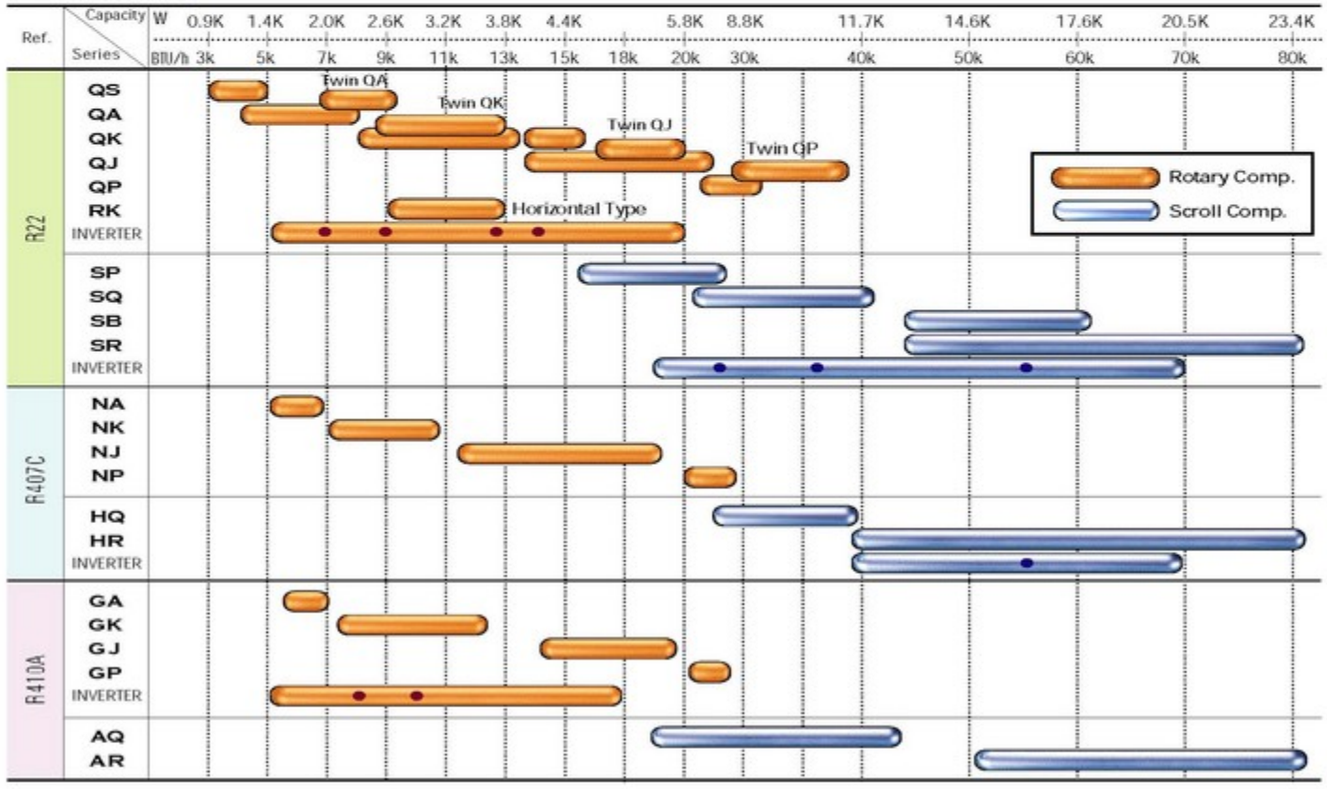
Quality Management System &
Environment Management System

Six sigma tools and tactics provide a systematic, practical approach to accelerate process improvements and reduce defects.
We believe this methodology is critical in ensuring us to meet consumer's needs better than any other competitors.

Product Line-Up

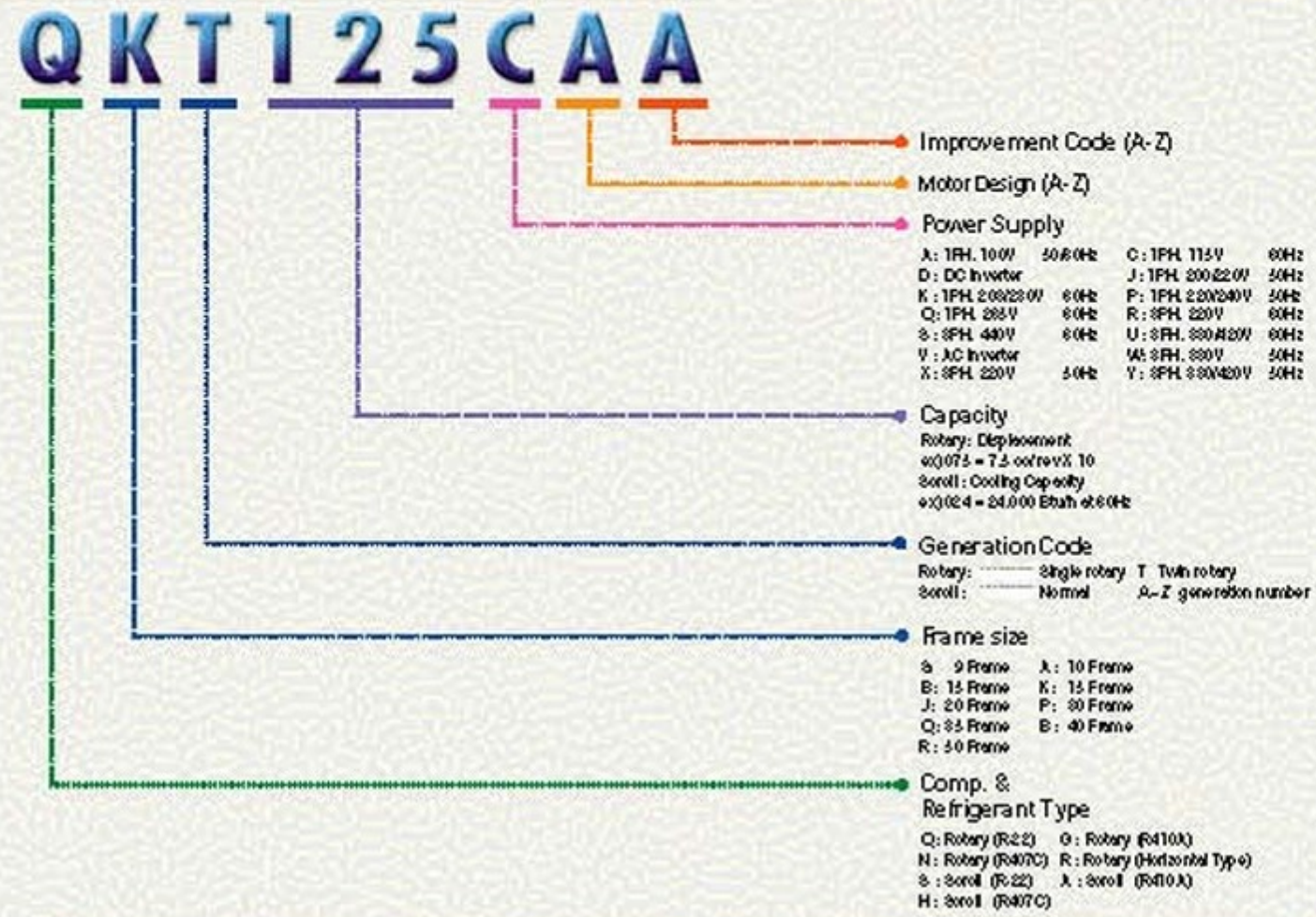
LG provides the utmost satisfaction by possession of product leadership in the compressor business world with variable range of Rotary & Scroll compressor for air conditioning.

Products Range

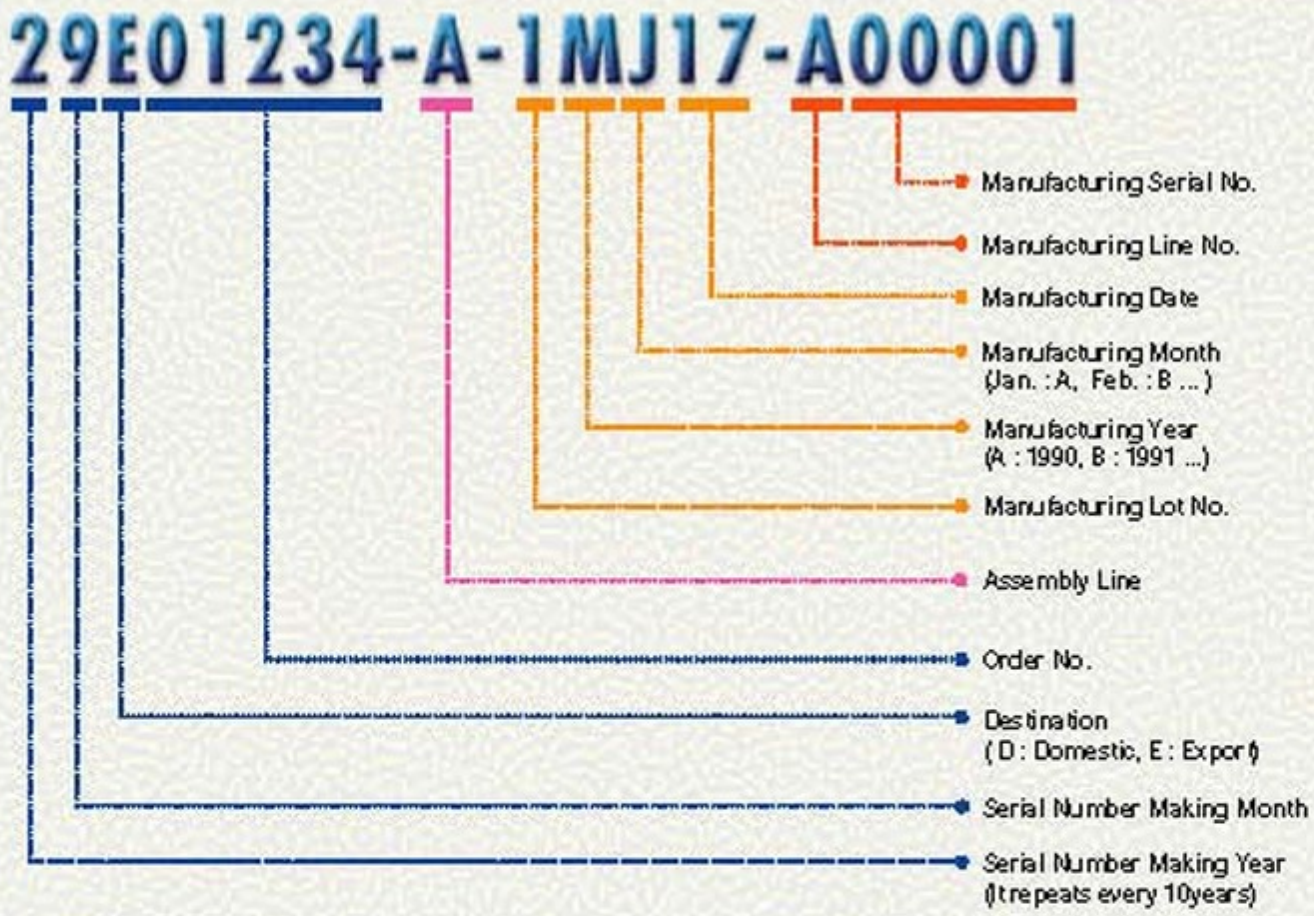


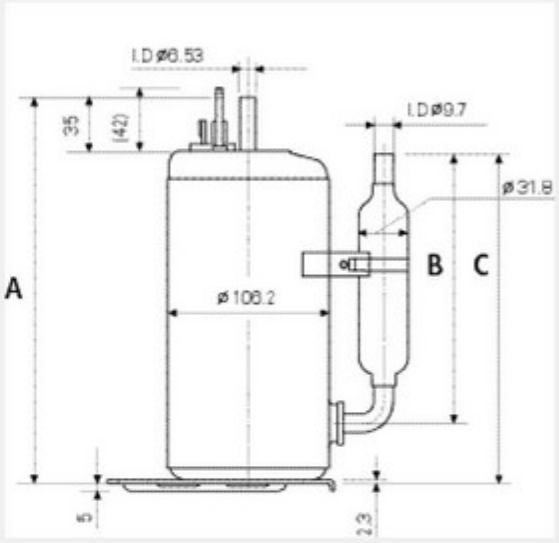
Engineering Code

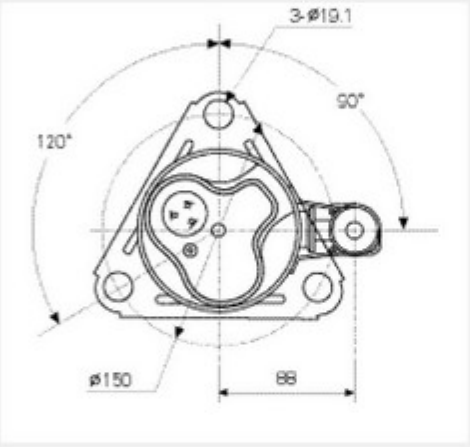
Model Name Code



Serial Number Code







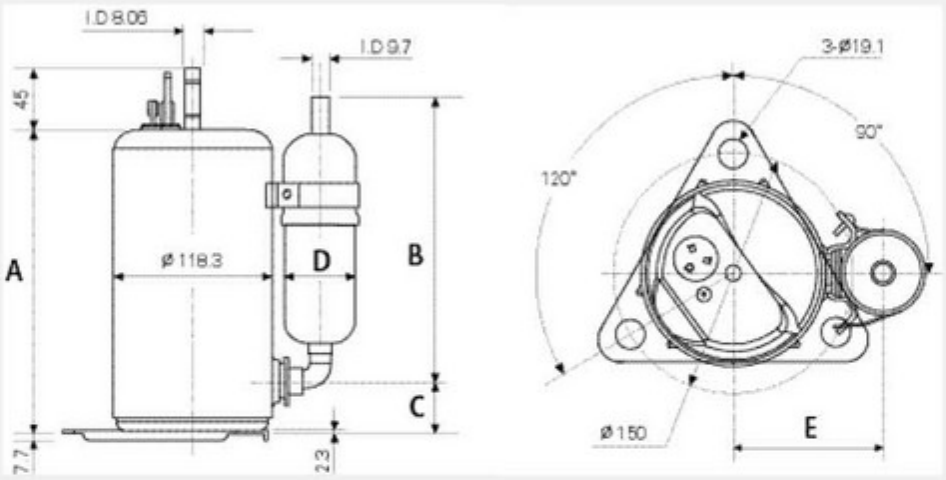
※ **Note** 1) The angle of Tri-plate is possible for 30°, 60°, 90° 2) Accumulators of ϕ 31.8mm or ϕ 50.8mm are applicable. 3) Discharge Tube of ϕ 6.53mm or ϕ 8.06mm are applicable

Specifications

50Hz/60Hz

	Model	Power Source	Cooling Capacity (Btu/hr)	Cooling Capacity (Watts)	Motor Input (Watts)	EER (Btu/W.hr)	COP (W/W)	Oil Charge (cc)	Weight (Kg)	Dimension (mm) A	Dimension (mm) B	Dimension (mm) C
60Hz	QA050C	1PH, 115V - 60Hz	3400	996	366	9.3	2.73	230	6.2	191.4	148	186.9
	QA064C	1PH, 115V - 60Hz	4450	1304	473	9.4	2.76	230	6.2	191.4	148	186.9
	QA075C	1PH, 115V - 60Hz	5250	1538	477	10.9	3.19	230	8.3	215.4	181	219.9
	QA084C	1PH, 115V - 60Hz	6000	1758	545	11.0	3.23	230	8.3	215.4	181	219.9
	QA090C	1PH, 115V - 60Hz	6240	1829	578	10.8	3.16	230	8.3	215.4	181	219.9
	QA096C	1PH, 115V - 60Hz	6650	1949	615	10.8	3.17	230	8.5	215.4	181	219.9
	QA104C	1PH, 115V - 60Hz	7235	2120	676	10.7	3.14	290	8.5	230.0	198	243.9
	QA110C	1PH, 115V - 60Hz	7550	2212	712	10.6	3.11	290	8.7	230.0	198	243.9
	QA114C	1PH, 115V - 60Hz	7950	2330	736	10.8	3.17	290	8.7	230.0	198	243.9
	QA075K	1PH, 208/230V - 60Hz	5200	1524	486	10.7	3.14	230	8.3	215.4	181	219.9
	QA084K	1PH, 208/230V - 60Hz	5760	1688	549	10.5	3.08	230	8.3	215.4	181	219.9
	QA096K	1PH, 208/230V - 60Hz	6700	1963	615	10.9	3.19	230	8.3	215.4	181	219.9
	QA104K	1PH, 208/230V - 60Hz	7150	2095	662	10.8	3.17	290	8.5	230.0	198	243.9
	QA110K	1PH, 208/230V - 60Hz	7610	2230	718	10.6	3.11	290	8.7	230.0	198	243.9
	QA114K	1PH, 208/230V - 60Hz	7890	2312	744	10.6	3.11	290	8.7	230.0	198	243.9
	QA096Q	1PH, 265V - 60Hz	6600	1934	617	10.7	3.13	230	8.3	215.4	181	219.9
	QA104Q	1PH, 265V - 60Hz	7150	2095	662	10.8	3.17	290	8.9	230.0	198	243.9
50Hz	QA096P	1PH, 220/240V - 50Hz	5470 / 5530	1603 / 1621	516 / 537	10.6 / 10.3	3.17 / 3.02	230	7.6	215.4	181	219.9
	QA104P	1PH, 220/240V - 50Hz	5890 / 5930	1726 / 1738	566 / 587	10.4 / 10.1	3.05 / 2.96	290	8.7	230.0	198	239.9
	QA114P	1PH, 220/240V - 50Hz	6470 / 6550	1896 / 1919	630 / 649	10.3 / 10.1	3.00 / 2.96	290	8.7	230.0	198	239.9
50Hz 60Hz	QA096A	1PH, 100V - 50/60Hz	5500 / 6600	1612 / 1934	550 / 640	10.0 / 10.3	2.93 / 3.02	230	8.0	215.4	181	219.9
	QA104A	1PH, 100V - 50/60Hz	5900 / 7050	1729 / 2066	608 / 698	9.7 / 10.1	2.84 / 2.96	290	8.3	230.0	198	243.9

※ 1) Normal performance value is ± 5%.
2) All data above is rated at ASHRAE-T condition.
3) Figures in the table are subject to change without prior notice for performance improvement.



※**Note** 1) The angle of Tri-plate is possible for 30°, 60°, 90° 2) Accumulators of ϕ 50.8mm, ϕ 65mm or ϕ 75mm are applicable. 3) Discharge Tube of ϕ 6.53mm or ϕ 8.06mm are applicable
4) Suction Tube of ϕ 12.8mm is applicable. 5) Tri-plate ϕ 150mm or ϕ 176mm are applicable.

Specifications

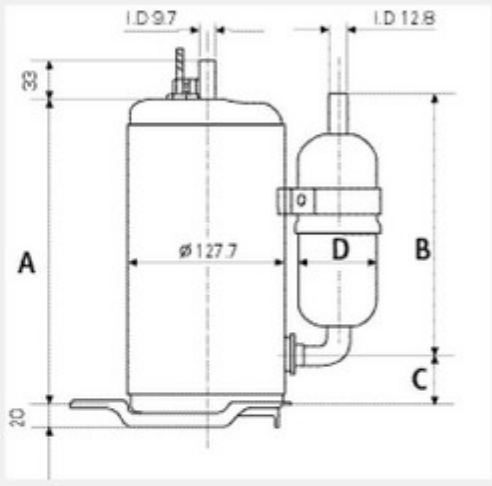
50Hz/60Hz

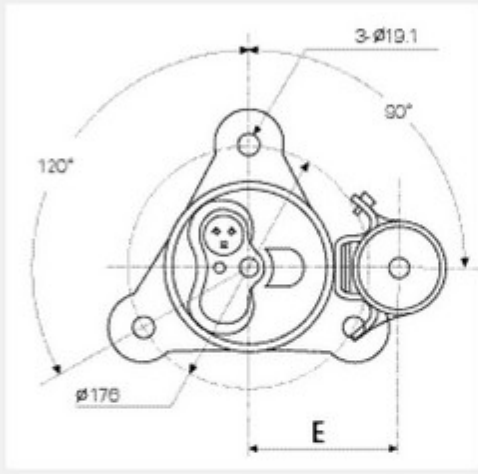
	Model	Power Source	Cooling Capacity (Btu/hr)	Cooling Capacity (Watts)	Motor Input (Watts)	EER (Btu/W.hr)	COP (W/W)	Oil Charge (cc)	Weight (Kg)	Dimension (mm) A	B	C	D	E
60Hz	QK125C	1PH, 115V - 60Hz	8790	2576	814	10.8	3.16	280	11.5	224.3	200	38.6	50.8	93
	QK134C	1PH, 115V - 60Hz	9400	2756	854	11.0	3.22	280	11.5	232.0	200	38.6	50.8	93
	QK141C	1PH, 115V - 60Hz	9900	2901	900	11.0	3.22	280	11.5	224.0	200	38.6	50.8	93
	QK145C	1PH, 115V - 60Hz	10200	2989	927	11.0	3.22	280	12.1	232.0	200	38.6	50.8	93
	QK156C	1PH, 115V - 60Hz	11000	3223	1048	10.5	3.08	280	11.5	224.0	200	38.6	50.8	93
	QK164C	1PH, 115V - 60Hz	11600	3399	1055	11.0	3.22	280	12.1	224.0	200	38.6	50.8	93
	QK173C	1PH, 115V - 60Hz	12300	3604	1153	10.7	3.13	350	12.3	240.3	220	43.6	65.0	103
	QK178C	1PH, 115V - 60Hz	12500	3663	1157	10.8	3.17	350	12.3	240.3	220	43.6	65.0	103
	QK185C	1PH, 115V - 60Hz	13100	3839	1224	10.7	3.14	350	12.3	240.3	220	43.6	65.0	103
	QK191C	1PH, 115V - 60Hz	13600	3985	1259	10.8	3.17	350	12.3	240.3	220	43.6	65.0	103
	QK196C	1PH, 115V - 60Hz	13900	4073	1287	10.8	3.16	380	13.2	236.9	220	45.9	65.0	103
	QK208C	1PH, 115V - 60Hz	15000	4396	1415	10.6	3.11	380	13.2	236.9	220	45.9	65.0	103
	QK125K	1PH, 208/230V - 60Hz	8700	2549	805	10.8	3.17	280	11.5	224.0	200	38.6	50.8	93
	QK134K	1PH, 208/230V - 60Hz	9350	2740	874	10.7	3.13	280	11.5	224.0	200	38.6	50.8	93
	QK141K	1PH, 208/230V - 60Hz	9800	2872	907	10.8	3.17	280	11.5	224.0	200	38.6	50.8	93
	QK145K	1PH, 208/230V - 60Hz	10100	2960	935	10.8	3.17	280	11.5	224.0	200	38.6	50.8	93
	QK156K	1PH, 208/230V - 60Hz	11100	3223	1028	10.7	3.14	280	11.5	224.0	200	38.6	50.8	93
	QK164K	1PH, 208/230V - 60Hz	11500	3370	1045	11.0	3.22	280	12.1	224.0	200	38.6	50.8	93
	QK173K	1PH, 208/230V - 60Hz	12100	3546	1141	10.6	3.11	350	12.3	240.3	220	43.6	65.0	103
	QK178K	1PH, 208/230V - 60Hz	12500	3663	1179	10.6	3.11	350	12.3	240.3	220	43.6	65.0	103
	QK185K	1PH, 208/230V - 60Hz	13000	3810	1215	10.7	3.14	350	11.6	240.3	220	43.6	65.0	103
	QK191K	1PH, 208/230V - 60Hz	13400	3927	1252	10.7	3.14	350	12.3	240.3	220	43.6	65.0	103
	QK196K	1PH, 208/230V - 60Hz	13900	4073	1287	10.8	3.16	380	13.2	236.9	220	45.9	65.0	103
	QK208K	1PH, 208/230V - 60Hz	14800	4337	1383	10.7	3.14	380	13.2	236.9	220	45.9	65.0	103
	QK222K	1PH, 208/230V - 60Hz	15900	4659	1458	10.9	3.20	380	13.2	236.9	220	45.9	65.0	103
	QK125Q	1PH, 265V - 60Hz	8650	2535	801	10.8	3.16	280	11.3	221.3	220	38.6	50.8	93
	QK141Q	1PH, 265V - 60Hz	9800	2872	907	10.8	3.17	280	11.5	224.3	220	38.6	50.8	93
	QK164Q	1PH, 265V - 60Hz	11500	3370	1075	10.7	3.13	280	11.5	224.3	220	38.6	50.8	93
	QK173Q	1PH, 265V - 60Hz	12100	3546	1142	10.6	3.11	350	11.6	232.3	220	43.6	50.8	93

	Model	Power Source	Cooling Capacity (Btu/hr)		Cooling Capacity (Watts)		Motor Input (Watts)		EER (Btu/W.hr)		COP (W/W)		Oil Charge (cc)	Weight (Kg)	Dimension (mm) A	B	C	D	E
50Hz	QK125P	1PH, 220/240V - 50Hz	7100	7150	2081	2095	670	687	10.6	10.4	3.11	3.07	280	11.3	221.3	200	38.6	50.8	93
	QK134P	1PH, 220/240V - 50Hz	7550	7650	2213	2242	719	742	10.5	10.3	3.08	3.02	280	11.5	224.3	200	38.6	50.8	93
	QK141P	1PH, 220/240V - 50Hz	8050	8150	2359	2388	770	795	10.5	10.3	3.08	3.02	280	11.5	224.3	200	38.6	50.8	93
	QK145P	1PH, 220/240V - 50Hz	8250	8300	2418	2432	778	798	10.6	10.4	3.10	3.05	280	11.5	224.3	200	38.6	50.8	93
	QK164P	1PH, 220/240V - 50Hz	9300	9400	2725	2755	877	895	10.6	10.5	3.11	3.08	280	11.5	224.3	200	38.6	65.0	103
	QK173P	1PH, 220/240V - 50Hz	9800	9900	2872	2901	933	952	10.5	10.4	3.08	3.05	350	11.7	232.3	220	43.6	65.0	103
	QK185P	1PH, 220/240V - 50Hz	10500	10650	3077	3121	1000	1029	10.5	10.3	3.08	3.03	350	11.7	232.3	220	43.6	65.0	103
	QK191P	1PH, 220/240V - 50Hz	11150	11250	3267	3297	1062	1082	10.5	10.4	3.08	3.05	350	11.7	232.3	220	43.6	65.0	103
	QK208P	1PH, 220/240V - 50Hz	11800	12000	3458	3516	1103	1143	10.7	10.5	3.14	3.08	380	13.2	236.9	220	45.9	65.0	103
	QK222P	1PH, 220/240V - 50Hz	12800	12900	3751	3780	1219	1265	10.5	10.2	3.08	2.99	380	13.2	236.9	220	45.9	65.0	103

※ 1) Normal performance value is ± 5%. 2) All data above is rated at ASHRAE-T condition. 3) Figures in the table are subject to change without prior notice for performance improvement.

R22 QJ Series





※ **Note** 1) The angle of Tri-plate is possible for 30°, 60°, 90° 2) Accumulators of ϕ 65mm or ϕ 75mm are applicable. 3) Discharge Tube of ϕ 12.8mm or ϕ 16.0mm are applicable.

Specifications

60Hz

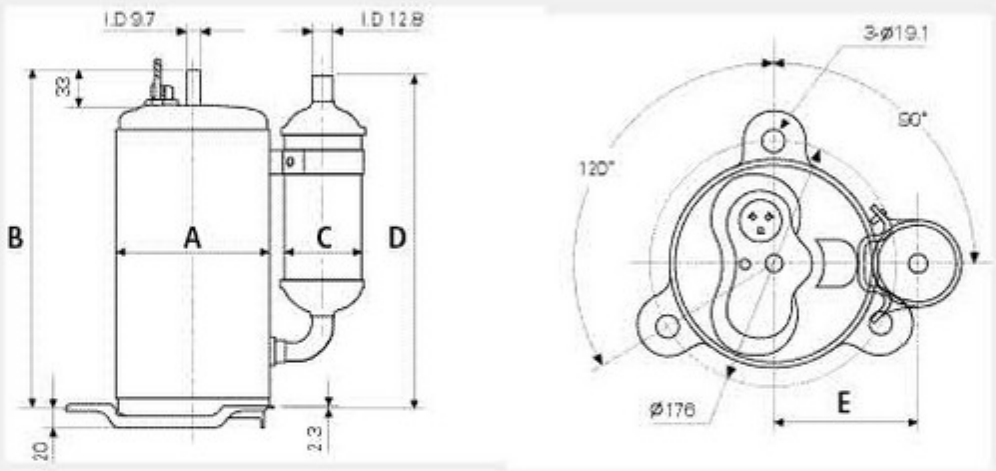
Model	Power Source	Cooling Capacity		Motor Input	EER	COP	Oil Charge	Weight	Dimension (mm)				
		(Btu/hr)	(Watts)	(Watts)	(Btu/W.hr)	(W/W)	(cc)	(Kg)	A	B	C	D	E
QJ189C	1PH, 115V - 60Hz	13350	3912	1248	10.7	3.13	410	15.2	254.6	220	37.2	65	109
QJ196K	1PH, 208/230V - 60Hz	13900	4073	1275	10.9	3.19	410	15.2	244.6	220	37.2	65	109
QJ208K	1PH, 208/230V - 60Hz	14650	4293	1356	10.8	3.17	410	15.2	244.6	220	37.2	65	109
QJ222K	1PH, 208/230V - 60Hz	15700	4601	1440	10.9	3.19	410	15.2	244.6	220	37.2	65	109
QJ230K	1PH, 208/230V - 60Hz	16300	4777	1495	10.9	3.20	410	15.2	244.6	220	37.2	65	109
QJ250K	1PH, 208/230V - 60Hz	17600	5158	1630	10.8	3.16	410	15.2	251.3	229	38.3	75	113
QJ258K	1PH, 208/230V - 60Hz	18000	5275	1667	10.8	3.16	410	15.2	251.3	229	38.3	75	113
QJ264K	1PH, 208/230V - 60Hz	18650	5465	1710	10.9	3.20	410	15.2	251.3	229	38.3	75	113
QJ278K	1PH, 208/230V - 60Hz	19600	5744	1815	10.8	3.16	500	15.2	256.3	229	43.3	75	113
QJ282K	1PH, 208/230V - 60Hz	19850	5817	1838	10.8	3.16	500	15.2	256.3	229	43.3	75	113
QJ306K	1PH, 208/230V - 60Hz	22200	6505	2094	10.6	3.11	500	16.6	278.3	250	42.2	75	113
QJ325K	1PH, 208/230V - 60Hz	23100	6769	2200	10.5	3.08	500	16.6	278.3	250	42.2	75	113
QJ348K	1PH, 208/230V - 60Hz	24650	7223	2370	10.4	3.05	500	16.6	278.3	250	42.2	75	113
QJ222Q	1PH, 265V - 60Hz	15800	4630	1463	10.8	3.16	410	15.2	251.3	220	37.2	65	109

Specifications

50Hz

Model	Power Source	Cooling Capacity		Motor Input	EER	COP	Oil Charge	Weight	Dimension (mm)				
		(Btu/hr)	(Watts)	(Watts)	(Btu/W.hr)	(W/W)	(cc)	(Kg)	A	B	C	D	E
QJ208P	1PH, 220/240V - 50Hz	11800	3458	1092	10.8	3.17	410	15.2	254.6	220	37.2	65	109
QJ222J	1PH, 200/220V - 50Hz	12700	3722	1176	10.8	3.16	410	15.2	254.6	220	37.2	65	109
QJ222P	1PH, 220/240V - 50Hz	12900	3780	1183	10.9	3.20	410	15.2	254.6	220	37.2	65	109
QJ264J	1PH, 200/220V - 50Hz	15300	4484	1485	10.3	3.02	410	15.2	261.3	220	38.3	65	109
QJ264P	1PH, 220/240V - 50Hz	15200	4454	1407	10.8	3.17	410	15.2	261.3	220	38.3	65	109
QJ282P	1PH, 220/240V - 50Hz	16250	4762	1519	10.7	3.13	500	15.2	266.3	229	43.3	75	113
QJ292J	1PH, 200/220V - 50Hz	16800	4923	1555	10.8	3.17	500	15.2	266.3	229	43.3	75	113
QJ292P	1PH, 220/240V - 50Hz	16700	4894	1575	10.6	3.11	500	15.2	266.3	229	43.3	75	113
QJ325P	1PH, 220/240V - 50Hz	19000	5568	1792	10.6	3.11	500	16.6	278.3	250	42.2	75	113

※ 1) Normal performance value is ± 5%. 2) All data above is rated at ASHRAE-T condition. 3) Figures in the table are subject to change without prior notice for performance improvement.



※Note 1) The angle of Tri-plate is possible for 30°, 60°, 90° 2) Accumulators of ϕ 66mm, 75mm or ϕ 90mm are applicable. 3) Suction Tube of ϕ 12.8mm or ϕ 16.0mm are applicable.

Specifications

60Hz

Model	Power Source	Cooling Capacity		Motor Input	EER	COP	Oil Charge	Weight	Dimension (mm)				
		(Btu/hr)	(Watts)	(Watts)	(Btu/W·hr)	(W/W)	(cc)	(Kg)	A	B	C	D	E
QP306KB	1PH, 208/230V - 60Hz	22600	6623	2055	11.0	3.22	700	22.0	147.5	317	75	312.3	123.4
QP325KB	1PH, 208/230V - 60Hz	24000	7033	2162	11.1	3.25	700	22.0	147.5	328	75	312.3	123.4
QP348KB	1PH, 208/230V - 60Hz	26000	7619	2312	11.2	3.28	700	22.0	147.5	328	75	312.3	123.4
QP362KD	1PH, 208/230V - 60Hz	26300	2481	2481	10.6	3.11	700	22.0	147.5	302	75	312.3	123.4
QP376KA	1PH, 208/230V - 60Hz	27700	8117	2541	10.9	3.19	700	24.0	147.5	328	75	345.3	123.4
QP390KB	1PH, 208/230V - 60Hz	28700	8410	2707	10.6	3.11	700	24.0	147.5	317	75	345.3	123.4
QP407KB	1PH, 208/230V - 60Hz	30100	8821	2736	11.0	3.22	700	24.0	147.5	328	75	345.3	123.4
QP425KA	1PH, 208/230V - 60Hz	31900	9348	2927	10.9	3.19	700	24.0	147.5	328	75	345.3	123.4

Specifications

50Hz

Model	Power Source	Cooling Capacity				Motor Input		EER		COP		Oil Charge	Weight	Dimension (mm)				
		(Btu/hr)		(Watts)		(Watts)		(Btu/W·hr)		(W/W)		(cc)	(Kg)	A	B	C	D	E
QP325PB	1PH, 220/240V - 50Hz	19200	19300	5626	5656	1778	1856	10.8	10.4	3.16	3.05	700	22.0	147.5	328	75	312.3	123.4
QP348PD	1PH, 220/240V - 50Hz	20800	21000	6095	6154	1926	2019	10.8	10.4	3.16	3.05	700	22.0	147.5	328	75	312.3	123.4
QP376PB	1PH, 220/240V - 50Hz	22500	22600	6593	6623	2143	2283	10.5	9.9	3.08	2.90	700	24.0	147.5	328	75	345.3	123.4
QP390PA	1PH, 220/240V - 50Hz	23000	23200	6740	6799	2130	2188	10.8	10.6	3.16	3.11	700	24.0	147.5	328	75	345.3	123.4
QP407PD	1PH, 220/240V - 50Hz	24050	24300	7048	7121	2227	2314	10.8	10.5	3.16	3.08	700	24.0	147.5	328	75	345.3	123.4
QP442PA	1PH, 220/240V - 50Hz	26000	26100	7619	7648	2430	2534	10.7	10.3	3.14	3.02	700	24.0	147.5	328	75	345.3	123.4

※ 1) Normal performance value is ± 5%.
2) All data above is rated at ASHRAE-T condition.
3) Figures in the table are subject to change without prior notice for performance improvement.

R22-Tropical Application

Changwon Plant_Korea

LG
Digital leader

Specifications

60Hz

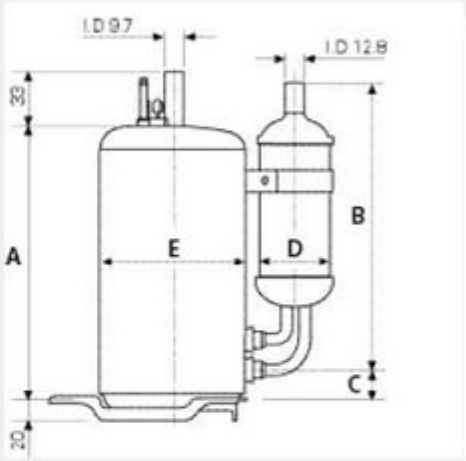
Model	Power Source	Cooling Capacity (Btu/hr)	Cooling Capacity (Watts)	Motor Input (Watts)	EER (Btu/W.hr)	COP (W/W)	Oil Charge (cc)	Weight (Kg)	Dimension (mm) A	B	C	D	E
QK173KB	1PH, 208/230V - 60Hz	12400	3634	1205	10.3	3.02	350	12.3	118.3	240.3	65	265.9	103.0
QJ250KE	1PH, 208/230V - 60Hz	17800	5216	1703	10.4	3.05	500	15.2	127.7	299.3	75	272.3	113.0
QJ258KB	1PH, 208/230V - 60Hz	18400	5392	1736	10.6	3.11	500	15.2	127.7	299.3	75	272.3	113.0
QJ278KC	1PH, 208/230V - 60Hz	19600	5744	1867	10.5	3.08	500	15.6	127.7	299.3	75	272.3	113.0
QJ282KB	1PH, 208/230V - 60Hz	20100	5890	1897	10.6	3.11	500	15.6	127.7	299.3	75	272.3	113.0
QP306KC	1PH, 208/230V - 60Hz	22600	6623	2055	10.5	3.08	700	22.0	147.5	317.0	75	312.3	123.4
QP325KC	1PH, 208/230V - 60Hz	23700	6945	2257	10.5	3.08	700	22.0	147.5	317.0	75	312.3	123.4
QP348KC	1PH, 208/230V - 60Hz	25700	7531	2424	10.6	3.11	700	22.0	147.5	317.0	75	312.3	123.4
QP362KB	1PH, 208/230V - 60Hz	27000	7912	2571	10.5	3.08	700	22.0	147.5	317.0	75	312.3	123.4
QP390KB	1PH, 208/230V - 60Hz	28700	8410	2707	10.6	3.11	700	24.0	147.5	317.0	75	345.3	123.4
QP425KB	1PH, 208/230V - 60Hz	31500	9231	2944	10.7	3.14	700	24.0	147.5	328.0	75	345.3	123.4

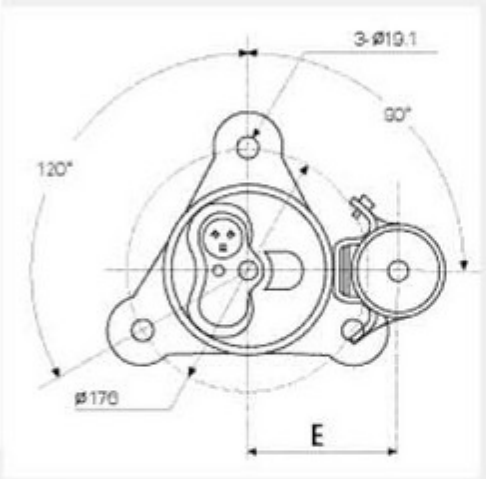
Specifications

50Hz

Model	Power Source	Cooling Capacity (Btu/hr)		Cooling Capacity (Watts)		Motor Input (Watts)		EER (Btu/W.hr)		COP (W/W)		Oil Charge (cc)	Weight (Kg)	Dimension (mm) A	B	C	D	E
QK125PB	1PH, 220/240V - 50Hz	7150	7200	2095	2110	681	727	10.50	9.90	3.08	2.90	280	11.3	118.3	266.3	50.8	238.6	93.0
QK208PC	1PH, 220/240V - 50Hz	12100	12200	3546	3575	1163	1245	10.40	9.80	3.05	2.87	380	13.2	118.3	281.9	65.0	265.9	103.0
QJ264PB	1PH, 220/240V - 50Hz	15400	15500	4513	4542	1457	1529	10.57	10.14	3.10	2.97	450	15.2	127.7	294.0	75.0	267.0	113.0
QP325PB	1PH, 220/240V - 50Hz	19200	19300	5626	5656	1778	1856	10.80	10.40	3.16	3.05	700	22.0	147.5	328.0	75.0	312.3	123.4
QP325PC	1PH, 220/240V - 50Hz	19350	19400	5670	5685	1878	2000	10.30	9.70	3.02	2.84	700	22.0	147.5	317.0	75.0	312.3	123.4
QP348PB	1PH, 220/240V - 50Hz	20500	20600	6007	6037	1884	1967	10.90	10.50	3.19	3.08	700	22.0	147.5	328.0	75.0	312.3	123.4
QP376PB	1PH, 220/240V - 50Hz	22500	22600	6593	6623	2143	2282	10.50	9.90	3.08	2.90	700	24.0	147.5	328.0	75.0	345.3	123.4
QP407PA	1PH, 220/240V - 50Hz	24100	24200	7062	7092	2317	2420	10.40	10.00	3.05	2.93	700	24.0	147.5	328.0	75.0	345.3	123.4
QP442PB	1PH, 220/240V - 50Hz	26000	26200	7619	7678	2549	2758	10.20	9.50	2.99	2.78	700	24.0	147.5	328.0	75.0	345.3	123.4
QP464PA	1PH, 220/240V - 50Hz	27600	27700	8088	8117	2654	2885	10.40	9.60	3.05	2.81	700	24.0	147.5	328.0	75.0	345.0	123.4

※ 1) Normal performance value is ± 5%. 2) All data above is rated at ASHRAE-T condition. 3) Figures in the table are subject to change without prior notice for performance improvement.





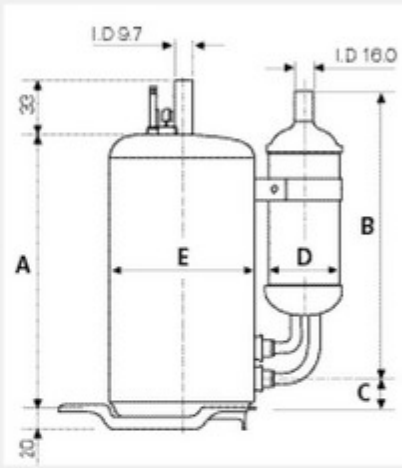
※ **Note** 1) The angle of Tri-plate is possible for 30°, 60°, 90° 2) Accumulators of ϕ 50.8mm, 65mm or ϕ 75mm are applicable.

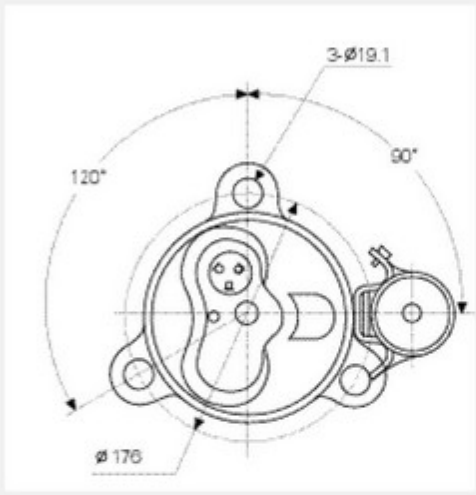
QKT Series

	Model	Power Source	Cooling Capacity (Btu/hr)		Cooling Capacity (Watts)		Motor Input (Watts)		EER (Btu/W.hr)		COP (W/W)		Oil Charge (cc)	Weight (Kg)	Dimension (mm) A	B	C	D	E
R22	QKT164C	1PH, 115V - 60Hz	11400		3341		1065		10.7		3.14		410	13.6	250.5	245	34.8	65	103
	QKT173C	1PH, 115V - 60Hz	12200		3575		1153		10.6		3.10		410	13.8	250.5	245	34.8	65	103
	QKT191C	1PH, 115V - 60Hz	13500		3956		1259		10.7		3.14		410	13.8	250.5	245	34.8	65	103
	QKT208C	1PH, 115V - 60Hz	14900		4366		1415		10.5		3.09		410	14.7	250.5	245	34.8	65	103
	QKT164K	1PH, 208/230V - 60Hz	11400		3341		1045		10.9		3.20		410	13.6	250.5	245	34.8	65	103
	QKT173K	1PH, 208/230V - 60Hz	12000		3516		1141		10.5		3.08		410	13.8	250.5	245	34.8	65	103
	QKT191K	1PH, 208/230V - 60Hz	13300		3897		125		10.6		3.11		410	13.8	250.5	245	34.8	65	103
	QKT208K	1PH, 208/230V - 60Hz	14700		4308		1370		10.7		3.14		410	14.7	250.5	245	34.8	65	103
	QKT222K	1PH, 208/230V - 60Hz	15800		4630		1458		10.8		3.18		410	14.7	250.5	245	34.8	65	103
	QKT164P	1PH, 220/240V - 50Hz	9200	9300	2695	2725	877	895	10.5	10.4	3.07	3.04	410	13.0	250.5	245	34.8	65	103
	QKT173P	1PH, 220/240V - 50Hz	9700	9800	2842	2872	933	952	10.4	10.3	3.08	3.05	410	13.8	250.5	245	34.8	65	103
	QKT191P	1PH, 220/240V - 50Hz	11050	11150	3238	3267	1062	1082	10.4	10.3	3.05	3.02	410	13.2	250.5	245	34.8	65	103
	QKT208P	1PH, 220/240V - 50Hz	11700	11900	3429	3487	1103	1143	10.6	10.4	3.11	3.05	410	14.7	250.5	245	34.8	65	103
	QKT222P	1PH, 220/240V - 50Hz	12700	12800	3722	3751	1219	1265	10.4	10.1	3.05	2.97	410	14.7	250.5	245	34.8	65	103
R407C	NKT164P	1PH, 220/240V - 50Hz	9600	9700	2813	2842	923	942	10.4	10.3	3.05	3.02	410	13.7	250.5	245	34.8	65	103
	NKT185P	1PH, 220/240V - 50Hz	10760	10930	3153	3203	1050	1075	10.2	10.2	3.00	2.98	410	13.7	250.5	245	34.8	65	103
R410A	GKT102P	1PH, 220/240V - 50Hz	8050	8150	2359	2388	841	870	9.6	9.4	2.80	2.75	410	13.3	250.5	245	34.8	65	103
	GKT113P	1PH, 220/240V - 50Hz	8700	8800	2549	2579	905	938	9.6	9.4	2.82	2.75	410	13.3	250.5	245	34.8	65	103
	GKT120P	1PH, 220/240V - 50Hz	9500	9600	2784	2813	1000	1032	9.5	9.3	2.78	2.73	410	13.7	250.5	245	34.8	65	103
	GKT134P	1PH, 220/240V - 50Hz	10550	10650	3092	3121	1111	1145	9.5	9.3	2.78	2.73	410	13.7	250.5	245	34.8	65	103
	GKT141P	1PH, 220/240V - 50Hz	11150	11300	3267	3311	1174	1215	9.5	9.3	2.78	2.73	410	13.7	250.5	245	34.8	65	103

※ 1) Normal performance value is ± 5%.
2) All data above is rated at ASHRAE-T condition.
3) Figures in the table are subject to change without prior notice for performance improvement.

R22 Twin Rotary Series





※**Note** 1) The angle of Tri-plate is possible for 30°, 60°, 90° 2) Accumulators of ϕ 65mm, 75mm or ϕ 90mm are applicable.
3) Discharge Tube of ϕ 12.8mm or ϕ 16.0mm are applicable

QJT Series

	Model	Power Source	Cooling Capacity (Btu/hr)		Cooling Capacity (Watts)		Motor Input (Watts)		EER (Btu/W.hr)		COP (W/W)		Oil Charge (cc)	Weight (Kg)	Dimension (mm) A	B	C	D	E
R22	QJT250K	1PH, 208/230V - 60Hz	17600		5158		1630		10.8		3.16		550	17.0	287	229	40.8	75	127.7
	QJT264K	1PH, 208/230V - 60Hz	18650		5465		1710		10.9		3.20		550	17.0	287	229	40.8	75	127.7
	QJT282K	1PH, 208/230V - 60Hz	19700		5773		1876		10.5		3.08		550	17.0	287	229	40.8	75	127.7
	QJT264P	1PH, 220/240V - 50Hz	15200		4454		1407		10.8		3.17		550	17.0	287	229	40.8	75	127.7
	QJT282P	1PH, 220/240V - 50Hz	16250		4762		1519		10.7		3.13		550	17.0	287	229	40.8	75	127.7
R410A	GJT208P	1PH, 220/240V - 50Hz	17300	17500	5070	5128	1784	1842	9.7	9.5	2.84	2.78	550	17.0	287	229	40.8	75	127.7
	GJT230P	1PH, 220/240V - 50Hz	19100	19300	5597	5656	1969	2032	9.7	9.5	2.84	2.78	550	17.0	287	229	40.8	75	127.7
	GJT250P	1PH, 220/240V - 50Hz	20700	21000	6066	6154	2134	2211	9.7	9.5	2.84	2.78	550	17.0	287	229	40.8	75	127.7
R407C	NJT264P	1PH, 220/240V - 50Hz	16150	16300	4733	4777	1495	1552	10.8	10.5	3.16	3.08	550	17.0	287	229	40.8	75	127.7
	NJT282P	1PH, 220/240V - 50Hz	16800	17000	4923	4982	1600	1650	10.5	10.3	3.08	3.02	550	17.0	287	229	40.8	75	127.7

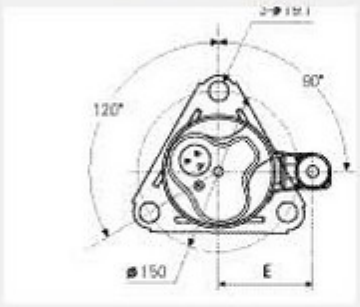
QPT Series

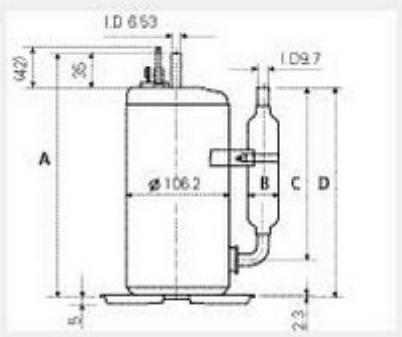
	Model	Power Source	Cooling Capacity (Btu/hr)	Cooling Capacity (Watts)	Motor Input (Watts)	EER (Btu/W.hr)	COP (W/W)	Oil Charge (cc)	Weight (Kg)	Dimension (mm) A	B	C	D	E
R22	QPT330K	1PH, 208/230V - 60Hz	24400	7150	2259	10.8	3.16	800/1200	23.4/23.8	315.9/344.2	340.5	45.6/73.9	90	147
	QPT407K	1PH, 208/230V - 60Hz	30100	8821	2736	11.0	3.22	800/1200	24.2/24.6	326.9/355.2	340.5	45.6/73.9	90	147
	QPT425K	1PH, 208/230V - 60Hz	31500	9231	2864	11.0	3.22	800/1200	24.2/24.6	326.9/355.2	340.5	45.6/73.9	90	147
	QPT442K	1PH, 208/230V - 60Hz	32500	9524	2955	11.0	3.22	800/1200	24.2/24.6	326.9/355.2	340.5	45.6/73.9	90	147
	QPT525K	1PH, 208/230V - 60Hz	38700	11341	3583	10.8	3.16	800/1200	24.2/24.6	335.9/364.2	340.5	45.6/73.9	90	147
	QPT330U	3PH, 380V - 60Hz	24400	7150	2259	10.8	3.16	800/1200	24.0/24.4	324.9/353.2	340.5	45.6/73.9	90	147
	QPT442U	3PH, 380V - 60Hz	32500	9524	2955	11.0	3.22	800/1200	24.8/25.2	335.9/364.2	340.5	45.6/73.9	90	147
	QPT525U	3PH, 380V - 60Hz	38700	11341	3583	10.8	3.16	800/1200	24.8/25.2	335.9/364.2	340.5	45.6/73.9	90	147
	QPT442R	3PH, 220V - 60Hz	32500	9524	2955	11.0	3.22	800/1200	24.8/25.2	335.9/364.2	340.5	45.6/73.9	90	147
	QPT525R	3PH, 220V - 60Hz	38700	11341	3583	10.8	3.16	800/1200	24.8/25.2	335.9/364.2	340.5	45.6/73.9	90	147
	QPT330Y	3PH, 380/420V - 50Hz	19500	5714	1806	10.8	3.16	800/1200	24.0/24.4	324.9/353.2	340.5	45.6/73.9	90	147
	QPT425Y	3PH, 380/420V - 50Hz	25000	7326	2273	11.0	3.22	800/1200	24.8/25.2	335.9/364.2	340.5	45.6/73.9	90	147
	QPT488P	1PH, 220/240V - 60Hz	29000	8498	2685	10.8	3.16	800/1200	24.2/24.6	326.9/355.2	340.5	45.6/73.9	90	147
R410A	GPT330Y	3PH, 380/420V - 50Hz	27200	7971	2776	9.8	2.87	800/1200	24.8/25.2	335.9/364.2	340.5	45.6/73.9	90	147

※ 1) Normal performance value is ± 5%. 2) All data above is rated at ASHRAE-T condition. 3) Figures in the table are subject to change without prior notice for performance improvement.

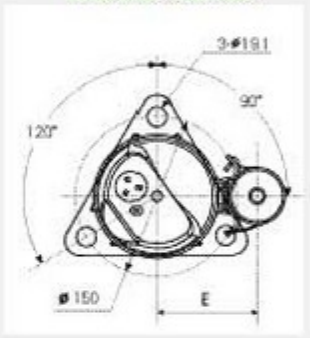
R407C Rotary Compressor

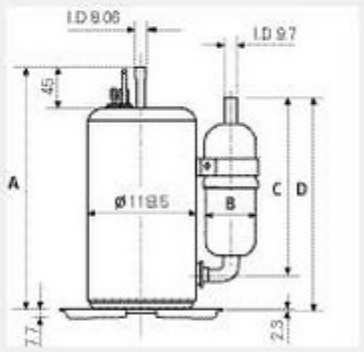
NA/GA Series



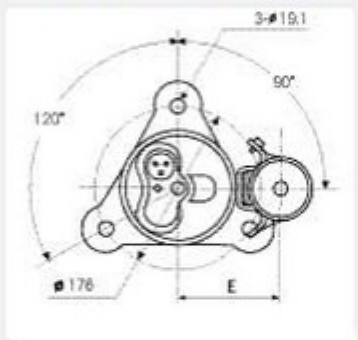


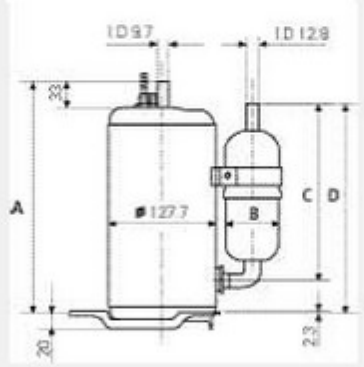
NK/GK Series





NJ/NP/GJ/GP Series





※**Note** The angle of Tri-plateis possible for 30°, 60°, 90°

Specifications

50Hz

Model	Power Source	Cooling Capacity (Btu/hr)	Cooling Capacity (Watts)	Motor Input (Watts)	EER (Btu/W.hr)	COP (W/W)	Oil Charge (cc)	Weight (Kg)	Dimension (mm) A	B	C	D	E
NK125P	1PH,220/240V-50Hz	7300	7400	2139	2168	709	726	10.3	10.2	3.02	2.99	350	11.8	274	50.8	220	263.6	93.0
NK134P	1PH,220/240V-50Hz	7900	8000	2315	2344	752	769	10.5	10.4	3.08	3.05	350	11.8	274	50.8	220	263.6	93.0
NK164P	1PH,220/240V-50Hz	9700	9800	2842	2872	923	942	10.5	10.4	3.08	3.05	350	12.2	282	50.8	220	263.6	93.0
NK185P	1PH,220/240V-50Hz	10860	11030	3182	3232	1050	1075	10.3	10.3	3.03	3.01	350	12.2	275	50.8	220	263.6	93.0
NJ208P	1PH,220/240V-50Hz	12400	12500	3634	3663	1181	1202	10.5	10.4	3.08	3.05	410	14.8	288	65.0	220	257.2	109.0
NJ236P	1PH,220/240V-50Hz	14200	14400	4161	4220	1340	1358	10.6	10.6	3.11	3.11	410	15.4	288	65.0	220	257.2	109.0
NJ264P	1PH,220/240V-50Hz	16150	16300	4733	4777	1495	1552	10.8	10.5	3.16	3.08	450	15.8	294	75.0	229	267.0	113.0
NJ282P	1PH,220/240V-50Hz	16800	17000	4923	4982	1600	1650	10.5	10.3	3.08	3.02	450	15.8	294	75.0	292	330.0	113.0
NP348P	1PH,220/240V-50Hz	21000	21100	6154	6183	2000	2069	10.5	10.2	3.08	2.99	700	20.9	295	75.0	292	345.3	123.4
NP362P	1PH,220/240V-50Hz	21900	22000	6418	6447	2086	2157	10.5	10.2	3.08	2.99	700	20.9	295	75.0	292	345.3	123.4
NP407P	1PH,220/240V-50Hz	25000	25200	7326	7395	2404	2545	10.4	9.9	3.05	2.90	700	21.4	295	90.0	328	381.0	132.5

※ 1) Normal performance value is ± 5%.
2) All data above is rated at ASHRAE-T condition.
3) Figures in the table are subject to change without prior notice for performance improvement.

R410A Rotary Compressor

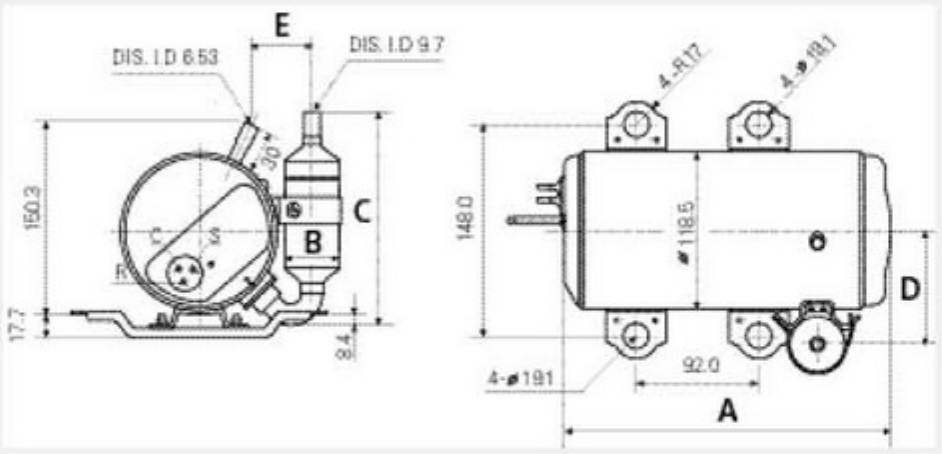
NORMAL

50Hz

Model	Power Source	Cooling Capacity (Btu/hr)		Cooling Capacity (Watts)		Motor Input (Watts)		EER (Btu/W.hr)		COP (W/W)		Oil Charge (cc)	Weight (Kg)	Dimension (mm) A	B	C	D	E
GA066P	1PH, 220/240V - 50Hz	5270	5330	1544	1562	555	570	9.5	9.4	2.78	2.74	240	8.9	260	31.8	168	207	86.2
GA086P	1PH, 220/240V - 50Hz	6900	6950	2022	2037	734	781	9.4	8.9	2.75	2.61	290	8.9	267	50.8	200	246	93.0
GK080P	1PH, 220/240V - 50Hz	6550	6600	1919	1934	682	702	9.6	9.4	2.81	2.76	330	11.8	274	50.8	220	264	93.0
GK086P	1PH, 220/240V - 50Hz	6900	7000	2022	2051	726	736	9.5	9.5	2.79	2.79	330	11.8	274	50.8	220	264	93.0
GK094P	1PH, 220/240V - 50Hz	7700	7750	2256	2271	794	824	9.7	9.4	2.84	2.76	330	11.8	274	50.8	220	264	93.0
GK102P	1PH, 220/240V - 50Hz	8250	8350	2418	2447	841	870	9.8	9.6	2.87	2.81	330	11.8	274	65.0	220	264	109.0
GK113P	1PH, 220/240V - 50Hz	9000	9100	2637	2667	914	938	9.8	9.7	2.89	2.84	330	11.8	274	65.0	220	264	109.0
GK120P	1PH, 220/240V - 50Hz	9700	9800	2842	2872	1010	1043	9.6	9.4	2.81	2.75	350	12.2	274	65.0	220	264	109.0
GK134P	1PH, 220/240V - 50Hz	10750	10850	3150	3179	1132	1154	9.5	9.4	2.78	2.76	350	12.2	282	65.0	220	264	109.0
GK141P	1PH, 220/240V - 50Hz	11450	11600	3355	3399	1180	1221	9.7	9.5	2.84	2.78	350	12.2	282	65.0	220	264	109.0
GK151P	1PH, 220/240V - 50Hz	12200	12400	3575	3634	1245	1292	9.8	9.6	2.87	2.81	350	12.7	287	65.0	220	264	109.0
GJ160P	1PH, 220/240V - 50Hz	13150	13300	3853	3897	1328	1371	9.9	9.7	2.90	2.84	440	14.8	288	65.0	252	294	109.0
GJ176P	1PH, 220/240V - 50Hz	14400	14500	4220	4249	1485	1526	9.7	9.5	2.84	2.78	440	14.8	288	65.0	252	294	109.0
GJ189P	1PH, 220/240V - 50Hz	15500	15700	4542	4601	1581	1635	9.8	9.6	2.87	2.81	440	15.2	288	65.0	252	294	109.0
GJ208P	1PH, 220/240V - 50Hz	17500	17700	5128	5187	1750	1823	10.0	9.7	2.93	2.85	500	16.0	299	75.0	283	329	113.0
GJ222P	1PH, 220/240V - 50Hz	18500	18700	5421	5480	1867	1928	9.9	9.7	2.90	2.84	500	16.4	299	75.0	283	329	113.0
GJ230P	1PH, 220/240V - 50Hz	19100	19300	5597	5656	1949	2010	9.8	9.6	2.87	2.81	500	16.4	299	75.0	283	329	113.0
GP270P	1PH, 220/240V - 50Hz	23100	23400	6769	6857	2347	2392	9.9	9.7	2.88	2.87	700	22.0	295	75.0	292	345	123.4
GP280P	1PH, 220/240V - 50Hz	23700	23900	6945	7004	2370	2439	10.0	9.8	2.93	2.87	700	22.0	295	75.0	292	345	123.4
GP290P	1PH, 220/240V - 50Hz	24700	24900	7238	7297	2470	2541	10.0	9.8	2.93	2.87	700	23.0	320	90.0	328	381	132.5
GA072A	1PH, 100V - 50/60Hz	5850	7050	1714	2066	650	750	9.0	9.4	2.64	2.75	240	8.6	260	31.8	168	207	86.2

※ 1) Normal performance value is ± 5%.
2) All data above is rated at ASHRAE-T condition.
3) Figures in the table are subject to change without prior notice for performance improvement.

R22 RK Series (Horizontal Type)



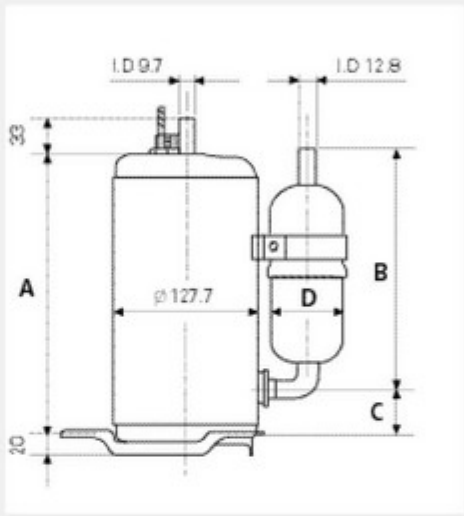
Specifications

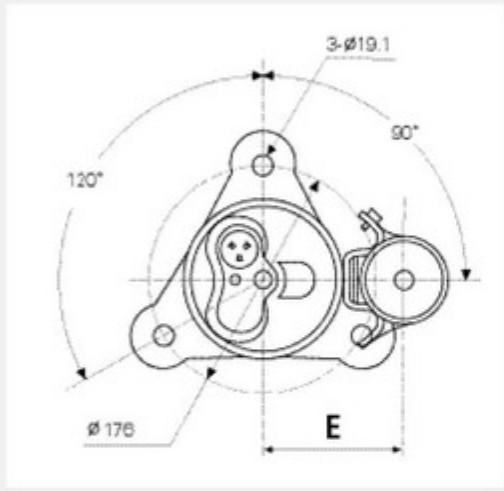
60Hz

Model	Power Source	Cooling Capacity		Motor Input	EER	COP	Oil Charge	Weight	Dimension (mm)				
		(Btu/hr)	(Watts)	(Watts)	(Btu/W.hr)	(W/W)	(cc)	(Kg)	A	B	C	D	E
RK125C	1PH, 115V - 60Hz	8790	2576	837	10.5	3.08	350	12.0	224	41.3	160.5	84.5	69.5
RK134C	1PH, 115V - 60Hz	9400	2755	895	10.5	3.08	350	12.0	224	41.3	160.5	84.5	69.5
RK141C	1PH, 115V - 60Hz	9900	2901	943	10.5	3.08	350	12.0	224	41.3	160.5	84.5	69.5
RK164C	1PH, 115V - 60Hz	11500	3370	1095	10.5	3.08	350	12.0	224	41.3	160.5	84.5	69.5
RK173C	1PH, 115V - 60Hz	12300	3604	1171	10.5	3.08	350	12.3	240	41.3	160.5	84.5	69.5
RK178C	1PH, 115V - 60Hz	12500	3663	1190	10.5	3.08	350	12.3	240	41.3	160.5	84.5	69.5
RK185C	1PH, 115V - 60Hz	13000	3810	1274	10.2	2.99	350	12.3	240	41.3	160.5	84.5	69.5
RK191C	1PH, 115V - 60Hz	13400	3927	1276	10.5	3.08	350	12.3	240	41.3	160.5	84.5	69.5
RK125K	1PH, 208/230V - 60Hz	8790	2576	837	10.5	3.08	350	12.0	224	41.3	160.5	84.5	69.5
RK134K	1PH, 208/230V - 60Hz	9300	2725	886	10.5	3.08	350	12.0	224	41.3	160.5	84.5	69.5
RK141K	1PH, 208/230V - 60Hz	9800	2872	933	10.5	3.08	350	12.0	224	41.3	160.5	84.5	69.5
RK164K	1PH, 208/230V - 60Hz	11500	3370	1095	10.5	3.08	350	12.0	224	41.3	160.5	84.5	69.5
RK173K	1PH, 208/230V - 60Hz	12300	3604	1171	10.5	3.08	350	12.3	240	41.3	160.5	84.5	69.5
RK178K	1PH, 208/230V - 60Hz	12500	3663	1190	10.5	3.08	350	12.3	240	41.3	160.5	84.5	69.5
RK185K	1PH, 208/230V - 60Hz	13000	3810	1238	10.5	3.08	350	12.3	240	41.3	160.5	84.5	69.5
RK191K	1PH, 208/230V - 60Hz	13400	3927	1276	10.5	3.08	350	12.3	240	41.3	160.5	84.5	69.5

※ 1) Normal performance value is ± 5%.
2) All data above is rated at ASHRAE-T condition.
3) Figures in the table are subject to change without prior notice for performance improvement.

GJ/QJ Series



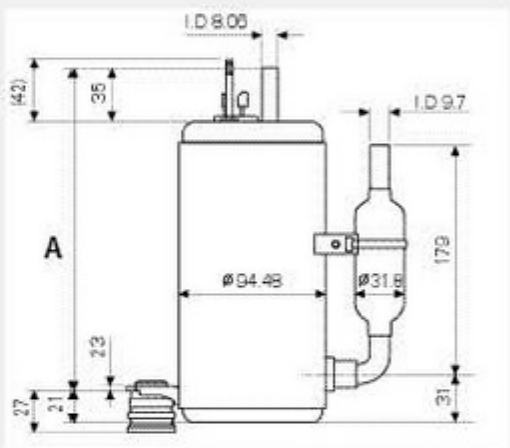


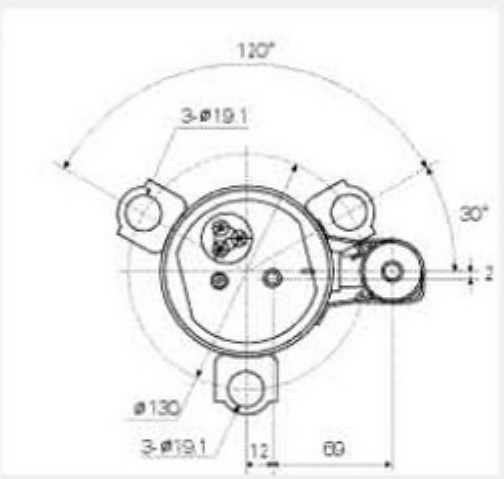
※ **Note** 1) The angle of Tri-plate is possible for 30°, 60°, 90° 2) Accumulators of ϕ65mm or ϕ75mm are applicable. 3)Suction Tube of ϕ12.8mm or ϕ16.0mm are applicable.

Specifications

Ref.	Model	Power Source	Cooling Capacity		Motor Input	EER	COP	Oil Charge	Weight	Dimension (mm)				
			(Btu/hr)	(Watts)	(Watts)	(Btu/W.hr)	(w/w)	(cc)	(Kg)	A	B	C	D	E
R22	QJ176V	AC Inverter, 124V - 60Hz	12240	3587	1141	10.7	3.14	410	14.0	245.0	263	36.2	65	109.0
R410A	GJ176V	AC Inverter, 124V - 60Hz	16950	4967	1803	9.4	2.75	600	15.2	266.3	283	50.8	75	113.0

※ 1) Normal performance value is ± 5%.
2) All data above is rated at ASHRAE-T condition.
3) Figures in the table are subject to change without prior notice for performance improvement.
4) Frequency Range : 30Hz ~ 120Hz



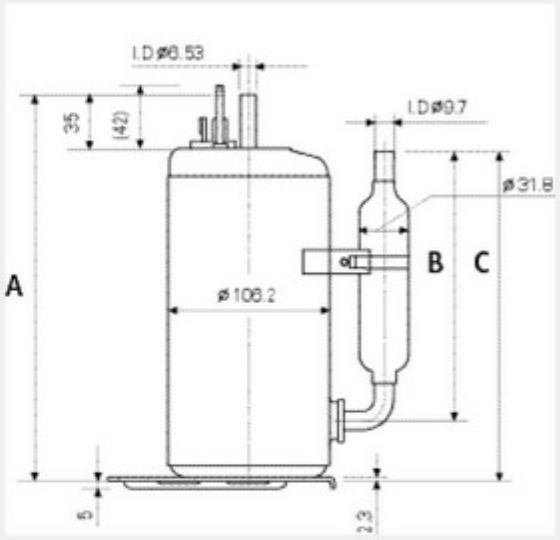


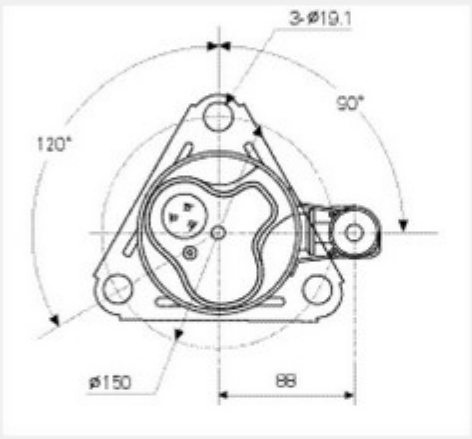
Specifications

60Hz

Application	Model	Power Source	Cooling Capacity (Btu/hr)	Cooling Capacity (Watts)	Motor Input (Watts)	EER (Btu/W·hr)	COP (W/W)	Oil Charge (cc)	Weight (Kg)	Dimension (mm) A
Dehumidifier	QS050C	1PH, 115V - 60Hz	3440	1008	370	9.3	2.72	180	5.4	194
	QS064C	1PH, 115V - 60Hz	4450	1304	473	9.4	2.76	180	5.4	194
	QS075C	1PH, 115V - 60Hz	5250	1539	570	9.2	2.70	180	5.4	194
Air Conditioner	QS072C	1PH, 115V - 60Hz	5160	1539	515	10.2	2.99	180	6.4	208
	QS075C(H)	1PH, 115V - 60Hz	5250	1539	490	10.7	3.14	180	6.4	208

* The models below 5.0cc/rev. are available on the customer's demands.
* 1) Normal performance value is ± 5%.
  2) All data above is rated at ASHRAE-T condition.
  3) Figures in the table are subject to change without prior notice for performance improvement.





※ **Note** 1) The angle of Tri-plate is possible for 30°, 60°, 90° 2) Accumulators of ϕ 31.8mm or ϕ 50.8mm are applicable. 3) Discharge Tube of ϕ 6.53mm or ϕ 8.06mm are applicable

Tianjin Plant _ China

Specifications

60Hz

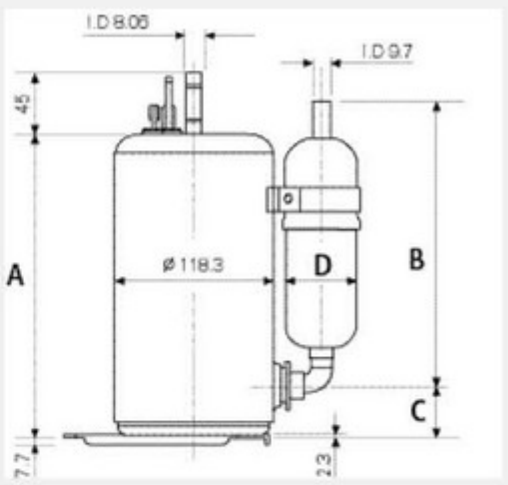
Model	Power Source	Cooling Capacity		Motor Input	EER	COP	Oil Charge	Weight	Dimension (mm)		
		(Btu/hr)	(Watts)	(Watts)	(Btu/W.hr)	(W/W)	(cc)	(Kg)	A	B	C
QA050C(D)	1PH, 115V - 60Hz	3400	996	363	9.4	2.74	240	6.2	205.3	148	185
QA064C(D)	1PH, 115V - 60Hz	4450	1304	473	9.4	2.76	240	6.2	205.3	148	185
QA075C(D)	1PH, 115V - 60Hz	5100	1495	554	9.2	2.70	240	8.3	250.4	168	207
QA084C(D)	1PH, 115V - 60Hz	5800	1700	630	9.2	2.70	230	6.4	250.4	168	207
QA075C	1PH, 115V - 60Hz	5250	1538	482	10.9	3.19	230	8.3	250.4	181	220
QA084C	1PH, 115V - 60Hz	5800	1700	537	10.8	3.17	230	8.3	256.4	181	220
QA090C	1PH, 115V - 60Hz	6240	1829	578	10.8	3.16	230	8.3	256.4	181	220
QA104C	1PH, 115V - 60Hz	7250	2125	670	10.8	3.17	290	8.5	262.0	160	206
QA114C	1PH, 115V - 60Hz	8000	2344	740	10.8	3.17	290	8.7	262.0	160	206
QA104K	1PH, 208/230V - 60Hz	7250	2125	670	10.8	3.17	290	8.6	262.0	160	206
QA110K	1PH, 208/230V - 60Hz	7600	2227	705	10.8	3.16	290	8.6	262.0	160	206

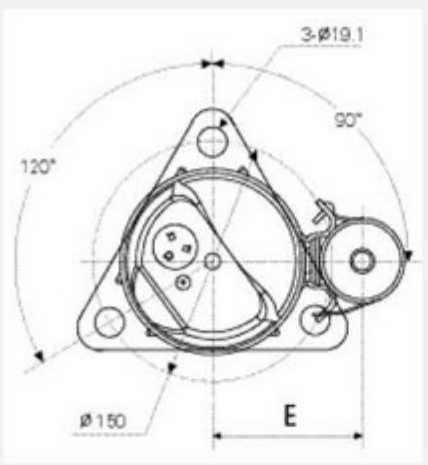
Specifications

50Hz

Model	Power Source	Cooling Capacity		Motor Input	EER	COP	Oil Charge	Weight	Dimension (mm)		
		(Btu/hr)	(Watts)	(Watts)	(Btu/W.hr)	(W/W)	(cc)	(Kg)	A	B	C
QA096P	1PH, 220/240V - 50Hz	5470	1603	512	10.7	3.13	290	8.5	265	181	228
QA114P	1PH, 220/240V - 50Hz	6468	1895	625	10.3	3.03	290	8.6	262	160	206
QA134J	1PH, 200/220V - 50Hz	7700	2257	740	10.4	3.05	290	9.2	265	220	266

※ 1) Normal performance value is ± 5%.
2) All data above is rated at ASHRAE-T condition.
3) Figures in the table are subject to change without prior notice for performance improvement.



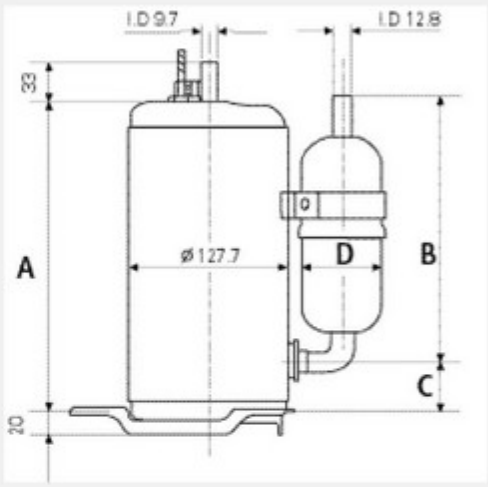


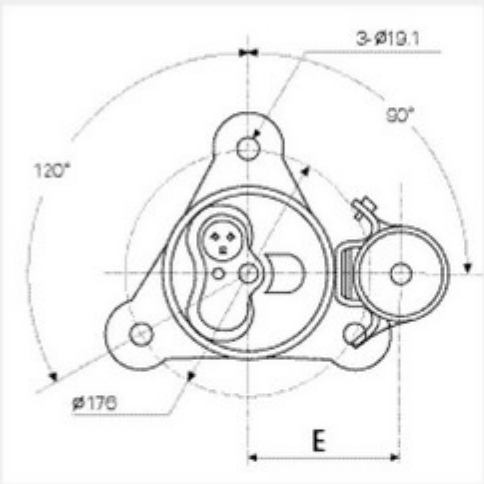
※**Note** 1) The angle of Tri-plate is possible for 30°, 60°, 90°
2) Accumulators of ϕ 50.8mm, ϕ 65mm or ϕ 75mm are applicable.
3) Discharge Tube of ϕ 6.53mm or ϕ 8.06mm are applicable.
4) Suction Tube of ϕ 12.8mm is applicable.
5) Tri-plate ϕ 150mm or ϕ 176mm are applicable.

Specifications

	Model	Power Source	Cooling Capacity		Motor Input	EER	COP	Oil Charge	Weight	Dimension (mm)				
			(Btu/hr)	(Watts)	(Watts)	(Btu/W.hr)	(W/W)	(cc)	(Kg)	A	B	C	D	E
60Hz	QK104C	1PH, 115V - 60Hz	7220	2116	656	11.00	3.23	280	11.5	224.0	200	38.6	50.8	93
	QK114C	1PH, 115V - 60Hz	8000	2345	727	11.00	3.23	280	11.5	224.0	200	38.6	50.8	93
	QK125C	1PH, 115V - 60Hz	8790	2576	814	10.80	3.16	280	11.5	224.0	200	38.6	50.8	93
	QK134C	1PH, 115V - 60Hz	9300	2726	877	10.60	3.11	280	11.5	230.0	200	38.6	50.8	93
	QK141C	1PH, 115V - 60Hz	9900	2902	925	10.70	3.14	280	11.5	230.0	200	38.6	50.8	93
	QK145C	1PH, 115V - 60Hz	10200	2989	927	11.00	3.22	280	12.1	230.0	220	38.6	50.8	93
	QK156C	1PH, 115V - 60Hz	11000	3224	1048	10.50	3.08	280	11.5	214.3	220	38.6	50.8	93
	QK164C	1PH, 115V - 60Hz	11500	3370	1075	10.70	3.14	280	11.5	222.3	220	38.6	50.8	93
	QK173C	1PH, 115V - 60Hz	12200	3575	1140	10.70	3.14	350	12.3	230.2	220	43.6	50.8	93
	QK175C	1PH, 115V - 60Hz	12300	3604	1144	10.80	3.15	350	11.7	241.2	220	43.6	50.8	93
	QK185C	1PH, 115V - 60Hz	13100	3839	1224	10.70	3.14	350	12.3	230.0	220	43.6	65.0	103
	QK191C	1PH, 115V - 60Hz	13600	3985	1259	10.80	3.17	350	12.3	240.3	220	43.6	65.0	103
	QK125K	1PH, 208/230V - 60Hz	8700	2550	805	10.80	3.17	280	11.5	230.0	200	38.6	50.8	93
	QK134K	1PH, 208/230V - 60Hz	9350	2740	874	10.70	3.14	280	11.8	230.0	200	38.6	50.8	93
	QK141K	1PH, 208/230V - 60Hz	9800	2872	907	10.80	3.17	350	11.5	220.0	220	43.6	50.8	93
	QK145K	1PH, 208/230V - 60Hz	10100	2960	935	10.80	3.17	280	11.5	214.3	220	38.6	50.8	93
	QK164K	1PH, 208/230V - 60Hz	11450	3356	1060	10.80	3.17	280	12.1	222.3	220	38.6	50.8	93
	QK173K	1PH, 208/230V - 60Hz	12100	3546	1141	10.60	3.11	350	12.3	223.3	220	43.6	50.8	93
	QK185K	1PH, 208/230V - 60Hz	13000	3810	1215	10.70	3.14	350	12.3	230.0	220	43.6	50.8	93
	QK191K	1PH, 208/230V - 60Hz	13543	3969	1275	10.60	3.11	350	12.3	230.0	220	43.6	50.8	93
50Hz	QK125P	1PH, 220/240V - 50Hz	7100	2081	670	10.60	3.11	280	11.8	230.0	200	38.6	50.8	93
	QK134P	1PH, 220/240V - 50Hz	7550	2213	719	10.50	3.08	280	11.5	230.0	200	38.6	50.8	93
	QK141P	1PH, 220/240V - 50Hz	7950	2330	766	10.40	3.04	350	11.5	220.0	220	43.6	50.8	93
	QK156P	1PH, 220/240V - 50Hz	8840	2591	835	10.60	3.10	350	11.5	220.0	220	43.6	50.8	93
	QK164P	1PH, 220/240V - 50Hz	9350	2740	886	10.55	3.09	350	12.1	230.2	200	43.6	50.8	93
	QK185P	1PH, 220/240V - 50Hz	10450	3062	1005	10.40	3.05	350	12.0	222.3	220	43.6	65.0	103
	QK236P	1PH, 220/240V - 50Hz	13300	3897	1266	10.50	3.08	380	13.2	240.3	220	45.9	65.0	103
	QK134J	1PH, 200/220V - 50Hz	7800	2286	765	10.20	2.99	280	11.5	230.0	200	38.6	50.8	93
	QK145J	1PH, 200/220V - 50Hz	8400	2462	820	10.20	3.00	350	12.1	230.0	200	43.6	50.8	93
	QK156J	1PH, 200/220V - 50Hz	9000	2638	900	10.00	2.93	350	11.5	219.3	220	43.6	50.8	93
	QK164J	1PH, 200/220V - 50Hz	9550	2799	945	10.10	2.96	350	11.5	230.0	200	43.6	50.8	93
	QK175J	1PH, 200/220V - 50Hz	10000	2930	952	10.50	3.08	350	11.7	230.0	220	43.6	50.8	93
	QK185J	1PH, 200/220V - 50Hz	10750	3150	1065	10.10	2.96	350	11.6	230.0	220	43.6	65.0	103
	QK191J	1PH, 200/220V - 50Hz	11100	3253	1100	10.10	2.96	350	11.5	222.3	220	43.6	65.0	103
	QK196J	1PH, 200/220V - 50Hz	11100	3253	1100	10.10	2.96	350	13.2	230.3	220	43.6	65.0	103
	QK208J	1PH, 200/220V - 50Hz	12300	3604	1194	10.30	3.02	380	13.2	240.3	220	45.9	65.0	103
	QK222J	1PH, 200/220V - 50Hz	12950	3795	1263	10.30	3.00	380	13.2	240.3	220	45.9	65.0	103
	QK236J	1PH, 200/220V - 50Hz	13300	3897	1290	10.30	3.02	380	13.2	240.3	220	45.9	65.0	103
	QK134H	1PH, 220V - 50Hz	7800	2286	709	11.00	3.22	350	12.2	240.3	220	43.6	50.8	93
	QK145H	1PH, 220V - 50Hz	8400	2462	763	11.00	3.23	350	12.4	240.3	220	43.6	50.8	93
	QK156H	1PH, 220V - 50Hz	9000	2637	818	11.00	3.22	350	12.4	240.3	220	43.6	50.8	93
	QK164H	1PH, 220V - 50Hz	9550	2799	868	11.00	3.22	350	12.6	240.3	220	43.6	50.8	93
	QK185H	1PH, 220V - 50Hz	10750	3150	977	11.00	3.22	350	12.7	240.3	220	43.6	50.8	93

※ 1) Normal performance value is ± 5%. 2) All data above is rated at ASHRAE-T condition.
3) Figures in the table are subject to change without prior notice for performance improvement.





※ **Note** 1) The angle of Tri-plate is possible for 30°, 60°, 90° 2) Accumulators of ϕ 65mm or ϕ 75mm are applicable. 3) Discharge Tube of ϕ 12.8mm or ϕ 16.0mm are applicable

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Specifications

60Hz

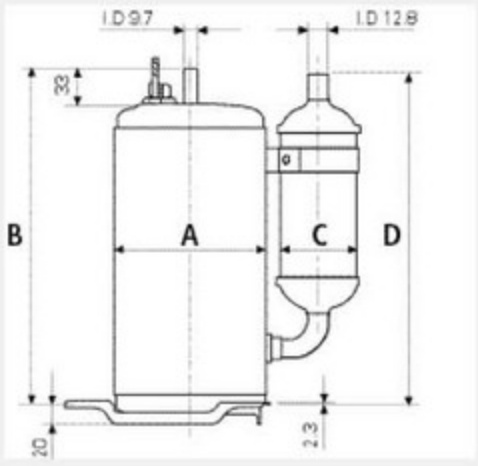
Model	PowerSource	Cooling Capacity		Motor Input	EER	COP	Oil Charge	Weight	Dimension (mm)				
		(Btu/hr)	(Watts)	(Watts)	(Btu/W.hr)	(W/W)	(cc)	(Kg)	A	B	C	D	E
QJ222K	1PH, 208/230V - 60Hz	15700	4601	1440	10.9	3.20	410	15.5	244.6	220	37.2	65	109
QJ230K	1PH, 208/230V - 60Hz	16300	4777	1495	10.9	3.20	410	15.5	244.6	220	37.2	65	109
QJ250K	1PH, 208/230V - 60Hz	17600	5158	1630	10.8	3.16	410	15.5	252.0	229	38.3	75	113
QJ264K	1PH, 208/230V - 60Hz	18650	5466	1710	10.9	3.20	410	15.5	252.0	229	38.3	75	113

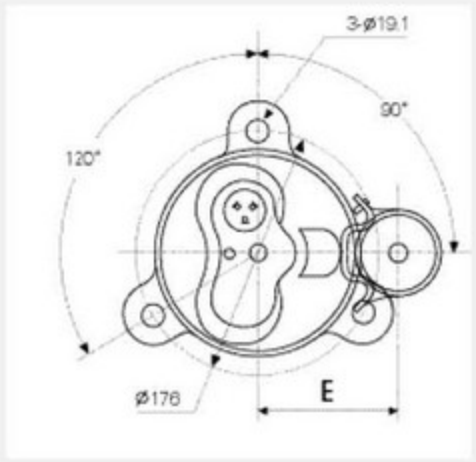
Specifications

50Hz

Model	PowerSource	Cooling Capacity		Motor Input	EER	COP	Oil Charge	Weight	Dimension (mm)				
		(Btu/hr)	(Watts)	(Watts)	(Btu/W.hr)	(W/W)	(cc)	(Kg)	A	B	C	D	E
QJ208P	1PH, 220/240V - 50Hz	11800	3458	1092	10.8	3.17	410	15.2	255.8	220	37.2	65	109
QJ222P	1PH, 220/240V - 50Hz	12700	3722	1176	10.8	3.17	410	15.5	255.8	220	37.2	65	109
QJ236P	1PH, 220/240V - 50Hz	13600	3986	1307	10.4	3.05	410	15.5	255.8	229	37.2	75	113
QJ264P	1PH, 220/240V - 50Hz	15100	4426	1411	10.7	3.14	410	15.5	261.3	220	38.3	65	109
QJ292P	1PH, 220/240V - 50Hz	16700	4894	1621	10.3	3.02	500	16.8	267.5	229	42.2	75	113
QJ325P	1PH, 220/240V - 50Hz	18600	5451	1898	9.8	2.87	500	17.0	278.3	229	42.2	75	113
QJ196J	1PH, 200/220V - 50Hz	11300	3312	1090	10.4	3.04	410	15.2	255.8	220	37.2	65	109
QJ208J	1PH, 200/220V - 50Hz	11950	3502	1150	10.4	3.05	410	15.2	255.8	220	37.2	65	109
QJ222J	1PH, 200/220V - 50Hz	12750	3737	1230	10.4	3.04	410	15.5	255.8	220	37.2	65	109
QJ230J	1PH, 200/220V - 50Hz	13300	3898	1290	10.3	3.02	410	15.5	255.8	220	37.2	65	109
QJ236J	1PH, 200/220V - 50Hz	13550	3971	1320	10.3	3.01	410	15.5	255.8	220	37.2	65	109
QJ250J	1PH, 200/220V - 50Hz	14500	4250	1430	10.1	2.97	410	15.5	252.0	220	38.3	65	109
QJ264J	1PH, 200/220V - 50Hz	15300	4484	1515	10.1	2.96	500	15.5	252.0	229	42.2	75	113
QJ282J	1PH, 200/220V - 50Hz	16400	4807	1610	10.2	2.99	500	16.8	268.0	229	42.2	75	113
QJ292J	1PH, 200/220V - 50Hz	17000	4982	1667	10.2	2.99	500	16.8	267.5	229	42.2	75	113
QJ325J	1PH, 200/220V - 50Hz	19000	5569	1827	10.4	3.05	650	17.3	291.5	292	58.3	75	113
QJ348J	1PH, 200/220V - 50Hz	20700	6067	2010	10.3	3.02	650	17.3	291.5	292	58.3	75	113
QJ208H	1PH 220V - 50Hz	11950	3502	1096	10.9	3.20	410	15.2	255.8	220	37.2	65	109
QJ222H	1PH 220V - 50Hz	12750	3737	1169	10.9	3.20	410	15.5	255.8	220	37.2	65	109
QJ236H	1PH 220V - 50Hz	13550	3971	1243	10.9	3.20	410	15.5	255.8	220	37.2	65	109
QJ250H	1PH 220V - 50Hz	14500	4250	1330	10.9	3.20	410	15.5	255.8	220	42.2	65	109

※ 1) Normal performance value is ± 5%. 2) All data above is rated at ASHRAE-T condition. 3) Figures in the table are subject to change without prior notice for performance improvement.





※ **Note** 1) The angle of Tri-plate is possible for 30°, 60°, 90° 2) Accumulators of ϕ 65mm, 75mm or ϕ 90mm are applicable. 3) Suction Tube of ϕ 12.8mm or ϕ 16.0mm are applicable.

Specifications

60Hz

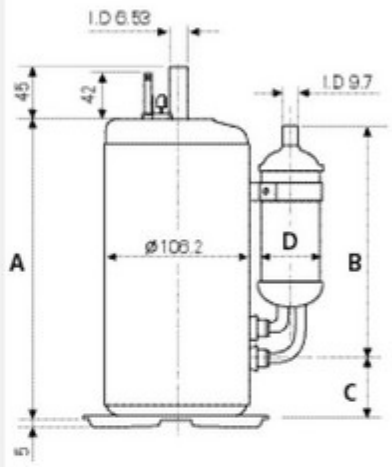
Model	Power Source	Cooling Capacity (Btu/hr)	Cooling Capacity (Watts)	Motor Input (Watts)	EER (Btu/W.hr)	COP (W/W)	Oil Charge (cc)	Weight (Kg)	Dimension (mm) A	B	C	D	E
QP325K	1PH, 208/230V - 60Hz	24000	7033	2162	11.1	3.25	700	22.0	147	328	75	312	123.4
QP348K	1PH, 208/230V - 60Hz	26000	7619	2312	11.2	3.28	700	22.0	147	328	75	312	123.4
QP376K	1PH, 208/230V - 60Hz	27700	8117	2541	10.9	3.19	700	24.0	147	328	75	345	123.4
QP407K	1PH, 208/230V - 60Hz	30100	8821	2736	11.0	3.22	700	24.0	147	328	75	345	123.4
QP442K	1PH, 208/230V - 60Hz	32500	9524	3037	10.7	3.14	700	24.0	147	328	90	381	132.5
QP425K	1PH, 208/230V - 60Hz	31300	9172	2981	10.5	3.08	700	22.2	147	328	90	381	132.5

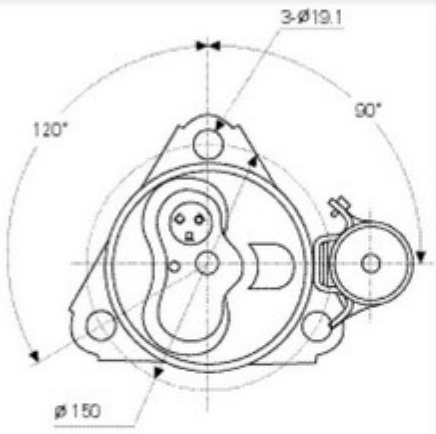
Specifications

50Hz

Model	Power Source	Cooling Capacity (Btu/hr)		Cooling Capacity (Watts)		Motor Input (Watts)		EER (Btu/W.hr)		COP (W/W)		Oil Charge (cc)	Weight (Kg)	Dimension (mm) A	B	C	D	E
QP325P	1PH, 220/240V - 50Hz	19200	19300	5626	5656	1778	1856	10.80	10.40	3.16	3.05	700	22.0	147	328	75	312	123.4
QP348P	1PH, 220/240V - 50Hz	20500	20600	6007	6037	1881	1962	10.90	10.50	3.19	3.08	700	22.0	147	328	75	312	123.4
QP376P	1PH, 220/240V - 50Hz	22600	22700	6623	6652	2112	2183	10.70	10.40	3.14	3.05	700	22.0	147	328	75	345	123.4
QP407P	1PH, 220/240V - 50Hz	24700	24912	7239	7301	2287	2387	10.80	10.70	3.17	3.14	700	22.0	147	328	75	312	123.4
QP425P	1PH, 220/240V - 50Hz	25000	25100	7326	7355	2404	2535	10.40	9.90	3.05	2.90	700	22.2	147	328	90	381	132.5
QP442P	1PH, 220/240V - 50Hz	26000	26100	7619	7648	2453	2534	10.60	10.30	3.11	3.02	700	24.0	147	328	90	381	132.5
QP376J	1PH, 200/220V - 50Hz	22500		6594		2102		10.7		3.14		700	22.0	147	328	75	345	123.4
QP407J	1PH, 200/220V - 50Hz	24700		7239		2287		10.8		3.17		700	22.2	147	328	75	345	123.4
QP425J	1PH, 200/220V - 50Hz	25860		7579		2370		10.9		3.19		700	23.1	147	328	75	345	123.4
QP442J	1PH, 200/220V - 50Hz	26860		7872		2633		10.2		3.00		700	22.4	147	328	75	345	123.4
QP425Y	3PH, 380/420V - 50Hz	24500	24800	7179	7267	2311	2362	10.60	10.50	3.11	3.08	700	24.0	147	328	90	381	132.5
QP442Y	3PH, 380/420V - 50Hz	26000	26300	7619	7707	2430	2500	10.70	10.52	3.14	3.08	700	24.0	147	328	90	381	132.5

※ 1) Normal performance value is ± 5%. 2) All data above is rated at ASHRAE-T condition. 3) Figures in the table are subject to change without prior notice for performance improvement.



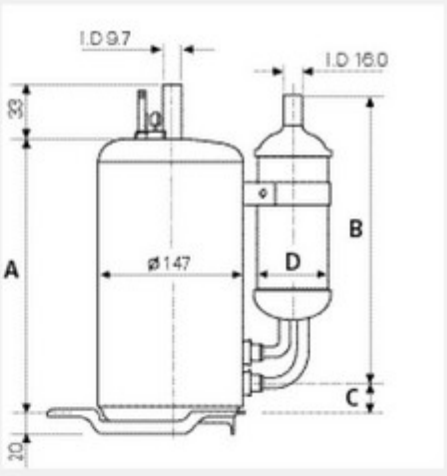


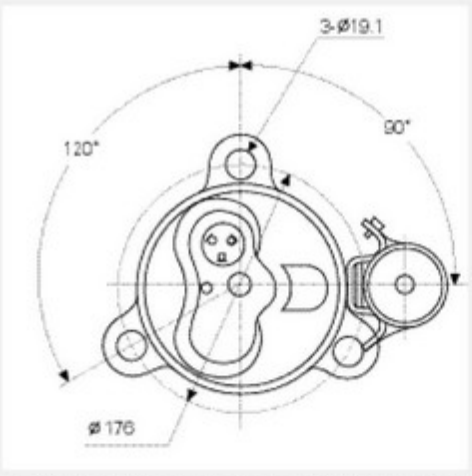
※ **Note** 1) The angle of Tri-plate is possible for 30°, 60°, 90° 2) Accumulators of ϕ 65mm, 75mm or ϕ 90mm are applicable.

QAT Series (10 Frame)

50Hz

Model	PowerSource	Cooling Capacity		Motor Input (Watts)	EER (Btu/W.hr)	COP (W/W)	Oil Charge (cc)	Weight (Kg)	Dimension (mm)			
		(Btu/hr)	(Watts)						A	B	C	D
QAT134J	1PH, 200/220V - 50Hz	7800	2286	743	10.5	3.05	315	9.8	251.6	248.6	42.9	50.8
QAT164J	1PH, 200/220V - 50Hz	9300	2726	903	10.3	3.02	315	9.9	251.6	248.6	42.9	50.8





※ **Note** 1) The angle of Tri-plate is possible for 30°, 60°, 90° 2) Accumulators of ϕ 65mm, 75mm or ϕ 90mm are applicable. 3) Discharge Tube of ϕ 12.8mm or ϕ 16.0mm are applicable

QPT Series (30 Frame)

50Hz/60Hz

Model	PowerSource	Cooling Capacity		Motor Input (Watts)	EER (Btu/W.hr)	COP (W/W)	Oil Charge (cc)	Weight (Kg)	Dimension (mm)			
		(Btu/hr)	(Watts)						A	B	C	D
QPT442J	1PH, 220/240V - 50Hz	26880	7878	2400	11.20	3.28	800	25.6	336.4	342.6	55.6	90
QPT488P	1PH, 220/240V - 50Hz	29000	8499	2636	11.00	3.22	800	25.6	336.4	342.6	55.6	90
QPT525J	1PH, 200/220V - 50Hz	32000	9379	2963	10.80	3.17	1230	26.2	364.7	342.6	74.4	90
QPT442U	3PH, 380V - 60Hz	32400	9496	2954	11.00	3.21	1230	26.2	364.7	342.6	74.4	90
QPT525U	3PH, 380V - 60Hz	38300	11225	3630	10.55	3.09	1230	26.2	364.7	342.6	74.4	90
QPT442Y	3PH, 380/420V - 50Hz	26000	7620	2364	11.00	3.22	1230	26.2	364.7	342.6	74.4	90
QPT525Y	3PH, 380/420V - 50Hz	30700	8998	2924	10.50	3.08	1230	26.2	364.7	342.6	74.4	90

※ 1) Normal performance value is ± 5%. 2) All data above is rated at ASHRAE-T condition. 3) Figures in the table are subject to change without prior notice for performance improvement.

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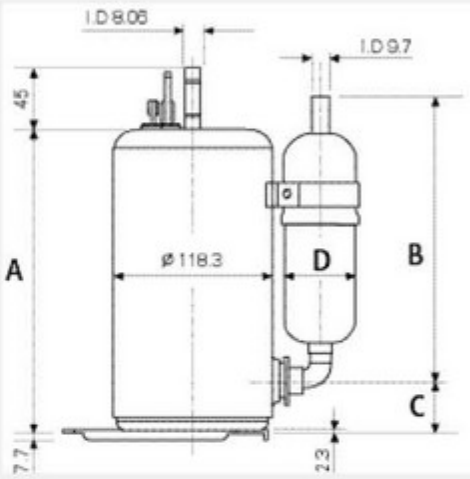
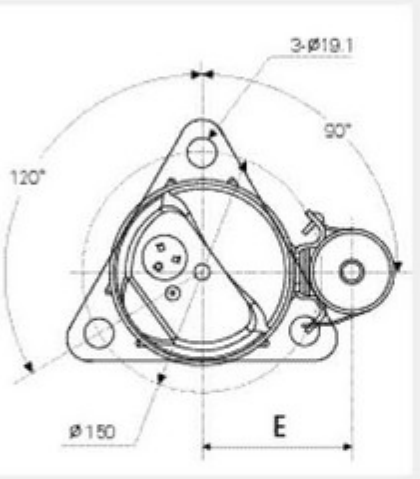




※ **Note** 1) The angle of Tri-plate is possible for 30°, 60°, 90°
4) Suction Tube of ϕ 12.8mm is applicable.

2) Accumulators of ϕ 50.8mm, ϕ 65mm or ϕ 75mm are applicable.
5) Tri-plate ϕ 150mm or ϕ 176mm are applicable.

3) Discharge Tube of ϕ 6.53mm or ϕ 8.06mm are applicable.

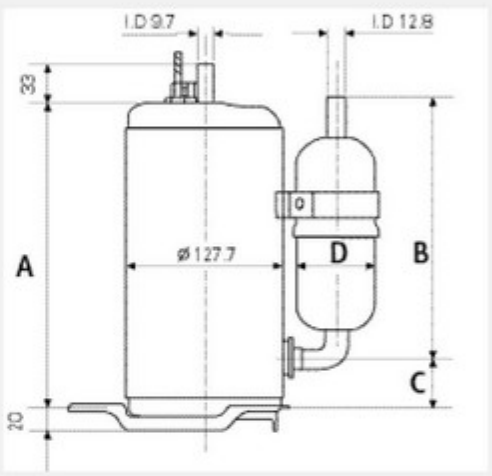
Specifications

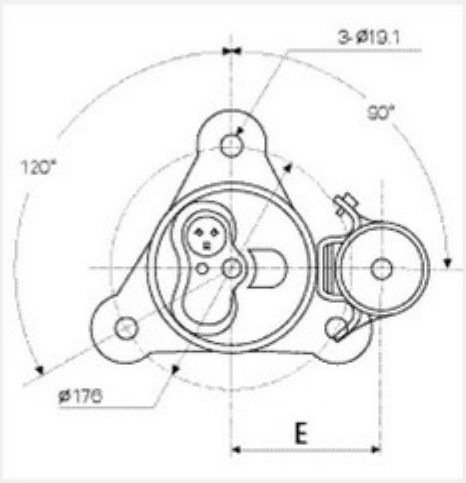
50Hz/60Hz

	Model	Power Source	Cooling Capacity (Btu/hr)	Cooling Capacity (Watts)	Motor Input (Watts)	EER (Btu/W.hr)	COP (W/W)	Oil Charge (cc)	Weight (Kg)	Dimension (mm) A	B	C	D	E
60Hz	QK125C	1PH, 115V - 60Hz	8790	2576	814	10.8	3.16	280	11.5	224.3	200	38.6	50.8	93
	QK134C	1PH, 115V - 60Hz	9400	2756	854	11.0	3.22	280	11.5	232.0	200	38.6	50.8	93
	QK141C	1PH, 115V - 60Hz	9900	2901	900	11.0	3.22	280	11.5	224.0	200	38.6	50.8	93
	QK145C	1PH, 115V - 60Hz	10200	2989	927	11.0	3.22	280	12.1	232.0	200	38.6	50.8	93
	QK156C	1PH, 115V - 60Hz	11000	3223	1048	10.5	3.08	280	11.5	224.0	200	38.6	50.8	93
	QK164C	1PH, 115V - 60Hz	11600	3399	1055	11.0	3.22	280	12.1	224.0	200	38.6	50.8	93
	QK173C	1PH, 115V - 60Hz	12300	3604	1153	10.7	3.13	350	12.3	240.3	220	43.6	65.0	103
	QK178C	1PH, 115V - 60Hz	12500	3663	1157	10.8	3.17	350	12.3	240.3	220	43.6	65.0	103
	QK185C	1PH, 115V - 60Hz	13100	3839	1224	10.7	3.14	350	12.3	240.3	220	43.6	65.0	103
	QK191C	1PH, 115V - 60Hz	13600	3985	1259	10.8	3.17	350	12.3	240.3	220	43.6	65.0	103
	QK125K	1PH, 208/230V - 60Hz	8700	2549	805	10.8	3.17	280	11.5	224.0	200	38.6	50.8	93
	QK134K	1PH, 208/230V - 60Hz	9350	2740	874	10.7	3.13	280	11.5	224.0	200	38.6	50.8	93
	QK141K	1PH, 208/230V - 60Hz	9800	2872	907	10.8	3.17	280	11.5	224.0	200	38.6	50.8	93
	QK145K	1PH, 208/230V - 60Hz	10100	2960	935	10.8	3.17	280	11.5	224.0	200	38.6	50.8	93
	QK156K	1PH, 208/230V - 60Hz	11100	3223	1028	10.7	3.14	280	11.5	224.0	200	38.6	50.8	93
	QK164K	1PH, 208/230V - 60Hz	11500	3370	1045	11.0	3.22	280	12.1	224.0	200	38.6	50.8	93
	QK173K	1PH, 208/230V - 60Hz	12100	3546	1141	10.6	3.11	350	12.3	240.3	220	43.6	65.0	103
	QK178K	1PH, 208/230V - 60Hz	12500	3663	1179	10.6	3.11	350	12.3	240.3	220	43.6	65.0	103
	QK185K	1PH, 208/230V - 60Hz	13000	3810	1215	10.7	3.14	350	11.6	240.3	220	43.6	65.0	103
	QK191K	1PH, 208/230V - 60Hz	13400	3927	1252	10.7	3.14	350	12.3	240.3	220	43.6	65.0	103
	QK125Q	1PH, 265V - 60Hz	8650	2535	801	10.8	3.16	280	11.3	221.3	220	38.6	50.8	93
	QK141Q	1PH, 265V - 60Hz	9800	2872	907	10.8	3.17	280	11.5	224.3	220	38.6	50.8	93
	QK164Q	1PH, 265V - 60Hz	11500	3370	1075	10.7	3.13	280	11.5	224.3	220	38.6	50.8	93
	QK173Q	1PH, 265V - 60Hz	12100	3546	1142	10.6	3.11	350	11.6	232.3	220	43.6	50.8	93

	Model	Power Source	Cooling Capacity (Btu/hr)		Cooling Capacity (Watts)		Motor Input (Watts)		EER (Btu/W.hr)		COP (W/W)		Oil Charge (cc)	Weight (Kg)	Dimension (mm) A	B	C	D	E
50Hz	QK125P	1PH, 220/240V - 50Hz	7100	7150	2081	2095	670	687	10.6	10.4	3.11	3.07	280	11.3	221.3	200	38.6	50.8	93
	QK134P	1PH, 220/240V - 50Hz	7550	7650	2213	2242	719	742	10.5	10.3	3.08	3.02	280	11.5	224.3	200	38.6	50.8	93
	QK141P	1PH, 220/240V - 50Hz	8050	8150	2359	2388	770	795	10.5	10.3	3.08	3.02	280	11.5	224.3	200	38.6	50.8	93
	QK145P	1PH, 220/240V - 50Hz	8250	8300	2418	2432	778	798	10.6	10.4	3.10	3.05	280	11.5	224.3	200	38.6	50.8	93
	QK164P	1PH, 220/240V - 50Hz	9300	9400	2725	2755	877	895	10.6	10.5	3.11	3.08	280	11.5	224.3	200	38.6	65.0	103
	QK173P	1PH, 220/240V - 50Hz	9800	9900	2872	2901	933	952	10.5	10.4	3.08	3.05	350	11.7	232.3	220	43.6	65.0	103
	QK185P	1PH, 220/240V - 50Hz	10500	10650	3077	3121	1000	1029	10.5	10.3	3.08	3.03	350	11.7	232.3	220	43.6	65.0	103
	QK191P	1PH, 220/240V - 50Hz	11150	11250	3267	3297	1062	1082	10.5	10.4	3.08	3.05	350	11.7	232.3	220	43.6	65.0	103

※ 1) Normal performance value is ± 5%. 2) All data above is rated at ASHRAE-T condition. 3) Figures in the table are subject to change without prior notice for performance improvement.





※**Note** 1) The angle of Tri-plate is possible for 30°, 60°, 90° 2) Accumulators of ϕ 65mm or ϕ 75mm are applicable. 3) Discharge Tube of ϕ 12.8mm or ϕ 16.0mm are applicable

Specifications

60Hz

Model	Power Source	Cooling Capacity		Motor Input	EER	COP	Oil Charge	Weight	Dimension (mm)				
		(Btu/hr)	(Watts)	(Watts)	(Btu/W.hr)	(W/W)	(cc)	(Kg)	A	B	C	D	E
QJ189C	1PH, 115V - 60Hz	13350	3912	1248	10.7	3.13	410	15.2	254.6	220	37.2	65	109
QJ196K	1PH, 208/230V - 60Hz	13900	4073	1275	10.9	3.19	410	15.2	244.6	220	37.2	65	109
QJ208K	1PH, 208/230V - 60Hz	14650	4293	1356	10.8	3.17	410	15.2	244.6	220	37.2	65	109
QJ222K	1PH, 208/230V - 60Hz	15700	4601	1440	10.9	3.19	410	15.2	244.6	220	37.2	65	109
QJ230K	1PH, 208/230V - 60Hz	16300	4777	1495	10.9	3.20	410	15.2	244.6	220	37.2	65	109
QJ250K	1PH, 208/230V - 60Hz	17600	5158	1630	10.8	3.16	410	15.2	251.3	229	38.3	75	113
QJ258K	1PH, 208/230V - 60Hz	18000	5275	1667	10.8	3.16	410	15.2	251.3	229	38.3	75	113
QJ264K	1PH, 208/230V - 60Hz	18650	5465	1710	10.9	3.20	410	15.2	251.3	229	38.3	75	113
QJ278K	1PH, 208/230V - 60Hz	19600	5744	1815	10.8	3.16	500	15.2	256.3	229	43.3	75	113
QJ282K	1PH, 208/230V - 60Hz	19850	5817	1838	10.8	3.16	500	15.2	256.3	229	43.3	75	113
QJ222Q	1PH, 265V - 60Hz	15800	4630	1463	10.8	3.16	410	15.2	251.3	220	37.2	65	109

Specifications

50Hz

Model	Power Source	Cooling Capacity		Motor Input	EER	COP	Oil Charge	Weight	Dimension (mm)				
		(Btu/hr)	(Watts)	(Watts)	(Btu/W.hr)	(W/W)	(cc)	(Kg)	A	B	C	D	E
QJ208P	1PH, 220/240V - 50Hz	11800	3458	1092	10.8	3.17	410	15.2	254.6	220	37.2	65	109
QJ222J	1PH, 200/220V - 50Hz	12700	3722	1176	10.8	3.16	410	15.2	254.6	220	37.2	65	109
QJ222P	1PH, 220/240V - 50Hz	12900	3780	1183	10.9	3.20	410	15.2	254.6	220	37.2	65	109
QJ264J	1PH, 200/220V - 50Hz	15300	4484	1485	10.3	3.02	410	15.2	261.3	220	38.3	65	109
QJ264P	1PH, 220/240V - 50Hz	15200	4454	1407	10.8	3.17	410	15.2	261.3	220	38.3	65	109
QJ282P	1PH, 220/240V - 50Hz	16250	4762	1519	10.7	3.13	500	15.2	266.3	229	43.3	75	113

※ 1) Normal performance value is ± 5%.
2) All data above is rated at ASHRAE-T condition.
3) Figures in the table are subject to change without prior notice for performance improvement.

Rayong Plant _ Thailand

Since 1995, LG started manufacturing scroll compressor with advanced technology that is based on LG's rich technological experience in the air conditioning industry.
With accumulated know-how and up-to-date technology, LG scroll compressor serves our customers the best satisfaction and convenience.

The benefits of scroll compressors over reciprocating compressors or other scroll compressors are :

Superior Efficiency

The energy efficiency of LG compressor is at least 10% higher than standard reciprocating compressor because the suction and discharge processes are separated. This separation of suction and discharge processes reduces heat transfer decreasing efficiency.

Enhanced Reliability

The reliability of LG scroll compressor has been enhanced more than other scroll compressors by adopting the axial compliance with a tip seal made by durable engineering plastic and radial compliance with optimized bush.

The Lowest Sound

There is no noise, gas pulsation, or vibration associated with valves or piston strokes because its comparison is accomplished through a continuous, smooth process.

Low Voltage Starting

LG Scroll compressor was designed to start smoothly and easily under low voltage condition at 80% of rated voltage. Because of this, there is no need for a starting capacitor when LG compressor starts under unloaded conditions and this is also one of stronger point than other scroll compressor.

SQ/HQ/AQ*series*

SB/HB/AB*series*

SR/HR/AR*series*

TEST CONDITIONS

Refrigerant - R22	ARI		CHEER	
	℃	°F	℃	°F
Condensing Temp.	54.4	130.0	43.3	110.0
Evaporating Temp.	7.2	45.0	7.2	45.0
Ambient Temp.	35.0	95.0	35.0	95.0
Return Gas Temp.	18.3	65.0	18.3	65.0
Liquid Temp.	46.1	115.0	29.4	85.0

APPLICATION ENVELOPES

Temperature Range	℃	°F
Evaporating Temp.	-10 ~ 12	15 ~ 54
Condensing Temp.	30 ~ 65	86 ~ 149
Discharge Temp.	130 Max.	266 Max.

Specifications

60Hz

Model	Power Source	Cooling Capacity		Motor Input (Watts)	EER (Btu/W.hr)	COP (W/W)	Oil Charge (cc)	Weight (kg)
		(Btu/hr)	(Watts)					
SQ022K	1PH,208/230V-60Hz	22100	6476	2028	10.9	3.19	750	26.0
SQ024K	1PH,208/230V-60Hz	24500	7179	2207	11.1	3.25	750	26.0
SQ026K	1PH,208/230V-60Hz	26500	7766	2409	11.0	3.22	750	26.0
SQ028K	1PH,208/230V-60Hz	28500	8352	2522	11.3	3.31	750	26.0
SQ030K	1PH,208/230V-60Hz	30000	8791	2752	10.9	3.19	750	26.0
SQ032K	1PH,208/230V-60Hz	32500	9524	2955	11.0	3.22	750	26.0
SQ034K	1PH,208/230V-60Hz	34500	10110	3136	11.0	3.22	750	26.0
SQ036K	1PH,208/230V-60Hz	36000	10549	3186	11.3	3.31	750	26.5
SQ038K	1PH,208/230V-60Hz	38000	11136	3455	11.0	3.22	1000	27.5
SQ042K	1PH,208/230V-60Hz	40500	11868	3750	10.8	3.16	1100	27.5
SQ028U	3PH,380V-60Hz	27800	8147	2598	10.7	3.14	1100	26.5
SQ036U	3PH,380V-60Hz	36000	10549	3273	11.0	3.22	1100	26.5
SQ042U	3PH,380V-60Hz	41000	12015	3727	11.0	3.22	1100	26.5

Specifications

50Hz

Model	Power Source	Cooling Capacity				Motor Input (Watts)		EER (Btu/W.hr)		COP (W/W)		Oil Charge (cc)	Weight (kg)
		(Btu/hr)		(Watts)									
SQ024P	1PH,220/240V-50Hz	20000	20100	5861	5890	1869	1896	10.7	10.6	3.14	3.11	750	26.0
SQ026P	1PH,220/240V-50Hz	21800	21900	6388	6418	2037	2066	10.7	10.6	3.14	3.11	750	26.0
SQ028P	1PH,220/240V-50Hz	23600	23700	6916	6945	2185	2215	10.8	10.7	3.16	3.14	750	26.0
SQ030P	1PH,220/240V-50Hz	24800	24900	7267	7297	2275	2327	10.9	10.7	3.19	3.14	750	26.0
SQ032P	1PH,220/240V-50Hz	26700	26800	7824	7853	2450	2481	10.9	10.8	3.19	3.16	750	26.0
SQ034P	1PH,220/240V-50Hz	28300	28300	8293	8293	2620	2695	10.8	10.5	3.16	3.08	750	26.0
SQ036P	1PH,220/240V-50Hz	30000	30100	8791	8821	2804	2867	10.7	10.5	3.14	3.08	750	26.0
SQ040P	1PH,220/240V-50Hz	32500	32700	9524	9582	3009	3114	10.8	10.5	3.16	3.08	1100	27.5
SQ042P	1PH,220/240V-50Hz	33750	33750	9890	9890	3096	3154	10.9	10.7	3.19	3.14	1100	27.5
SQ024Y	3PH,380/420V-50Hz	20000		5861		1869		10.7		3.14		750	26.0
SQ028Y	3PH,380/420V-50Hz	23600		6916		2185		10.8		3.16		750	26.0
SQ034Y	3PH,380/420V-50Hz	28300		8293		2620		10.8		3.16		750	26.0
SQ036Y	3PH,380/420V-50Hz	30000		8791		2804		10.7		3.14		750	26.0
SQ040Y	3PH,380/420V-50Hz	32500		9524		3009		10.8		3.16		1100	27.5
SQ042Y	3PH,380/420V-50Hz	33750		9890		3096		10.9		3.19		1100	27.5

※ 1) Normal performance value is ± 5%.
2) All data above is rated at ARI condition.
3) Figures in the table are subject to change without prior notice for performance improvement.

Specifications

60 Hz

Model	Power Source	Cooling Capacity		Motor Input (Watts)	EER (Btu/Wh)	COP (W/W)	Oil Charge (cc)	Weight (kg)
		(Btu/h)	(Watts)					
SB045U	3PH,380V,60Hz	45000	13187	4091	11.0	3.22	1650	30.5
SB047U	3PH,380V,60Hz	47000	13773	4273	11.0	3.22	1650	30.5
SB049U	3PH,380V,60Hz	49100	14388	4464	11.0	3.22	1650	30.5

Specifications

50 Hz

Model	Power Source	Cooling Capacity		Motor Input (Watts)	EER (Btu/Wh)	COP (W/W)	Oil Charge (cc)	Weight (kg)
		(Btu/h)	(Watts)					
SB045Y	3PH,380V/420V,50Hz	37500	10989	3440	10.9	3.19	1650	30.0
SB047Y	3PH,380V/420V,50Hz	39100	11458	3587	10.9	3.19	1650	30.0
SB049Y	3PH,380V/420V,50Hz	40500	11868	3716	10.9	3.19	1650	30.0
SB054Y	3PH,380V/420V,50Hz	45000	13187	4128	10.9	3.19	1650	32.0
SB057Y	3PH,380V/420V,50Hz	47500	13919	4358	10.9	3.19	1650	32.0
SB061Y	3PH,380V/420V,50Hz	50500	14799	4633	10.9	3.19	1650	32.0

※ 1) Normal performance above is ± 5%.
2) All data above is rated at ARI condition.
3) Figures in the table are subject to change without prior notice for performance improvement.

Unitary R22

Standard

60Hz

Model	Power Source	ARI			CHEER			Oil Charge (cc)
		Cooling Capacity (Btu/hr)	Motor Input (Watts)	EER (Btu/W.hr)	Cooling Capacity (Btu/hr)	Motor Input (Watts)	EER (Btu/W.hr)	
SQ024K	1PH-208/230V-60Hz	24000	2286	10.5	28500	1601	17.8	750
SQ026K	1PH-208/230V-60Hz	26000	2407	10.8	31200	1733	18.0	750
SQ028K	1PH-208/230V-60Hz	28500	2664	10.7	33600	1898	17.7	750
SQ028U	3PH-380V-60Hz	27800	2598	10.7	33000	1833	18.0	750
SQ030K	1PH-208/230V-60Hz	30000	2778	10.8	35400	1967	18.0	750
SQ032K	1PH-208/230V-60Hz	32000	2963	10.8	38000	2111	18.0	750
SQ034K	1PH-208/230V-60Hz	34500	3194	10.8	40000	2247	17.8	750
SQ036K	1PH-208/230V-60Hz	36000	3333	10.8	42500	2388	17.8	1100
SQ036U	3PH-380V-60Hz	36000	3333	10.8	42500	2361	18.0	1100
SQ038K	1PH-208/230V-60Hz	38000	3551	10.7	45500	2600	17.5	1100
SQ040K	1PH-208/230V-60Hz	40300	3697	10.9	47200	2637	17.9	1100
SQ042K	1PH-208/230V-60Hz	42000	3853	10.9	50400	2831	17.8	1100
SQ042U	3PH-380V-60Hz	42000	3889	10.8	50000	2778	18.0	1100
SR045K	1PH-208/230V-60Hz	45000	4128	10.9	52600	3006	17.5	1650
SR047K	1PH-208/230V-60Hz	47500	4318	11.0	55600	3177	17.5	1650
SR049K	1PH-208/230V-60Hz	50000	4545	11.0	58500	3343	17.5	1650
SR049U	3PH-380V-60Hz	49100	4384	11.2	57447	3283	17.5	1650
SR049R	3PH-220V-60Hz	49500	4626	10.7	57915	3309	17.5	1650
SR049S	3PH-460V-60Hz	49500	4500	11.0	57915	3309	17.5	1650
SR054K	1PH-208/230V-60Hz	54000	4865	11.1	62700	3583	17.5	1650
SR057K	1PH-208/230V-60Hz	58000	5225	11.1	67600	3863	17.5	1650
SR061K	1PH-208/230V-60Hz	62000	5586	11.1	72000	4114	17.5	1650
SR061U	3PH-380V-60Hz	61500	5591	11.0	71955	4112	17.5	1650
SR061R	3PH-220V-60Hz	62000	5536	11.2	72540	4145	17.5	1650
SR061S	3PH-460V-60Hz	61500	5591	11.0	71955	4112	17.5	1650
SR071U	3PH-380V-60Hz	71000	6455	11.0	83070	4747	17.5	1650
SR071R	3PH-220V-60Hz	71000	6455	11.0	83070	4747	17.5	1650
SR071S	3PH-460V-60Hz	71000	6455	11.0	83071	4490	18.5	1650
SR078U	3PH-380V-60Hz	77500	7110	10.9	90675	5181	17.5	1650
SR078R	3PH-220V-60Hz	78000	7156	10.9	91260	5215	17.5	1650
SR078S	3PH-460V-60Hz	78000	7091	11.0	91260	5215	17.5	1650

High-Efficiency

60Hz

Model	Power Source	ARI			CHEER			Oil Charge (cc)
		Cooling Capacity (Btu/hr)	Motor Input (Watts)	EER (Btu/W.hr)	Cooling Capacity (Btu/hr)	Motor Input (Watts)	EER (Btu/W.hr)	
SQA024K	1PH-208/230V-60Hz	24000	2202	10.9	28500	1516	18.8	750
SQA026K	1PH-208/230V-60Hz	26500	2431	10.9	31200	1677	18.6	750
SQA028K	1PH-208/230V-60Hz	28500	2591	11.0	33600	1768	19.0	750
SQA030K	1PH-208/230V-60Hz	30000	2727	11.0	35400	1844	19.2	750
SQA032K	1PH-208/230V-60Hz	32000	2909	11.0	38800	2064	18.8	750
SQA034K	1PH-208/230V-60Hz	34500	3108	11.1	40000	2083	19.2	750
SQA036K	1PH-208/230V-60Hz	36000	3243	11.1	42500	2214	19.2	1100
SQA038K	1PH-208/230V-60Hz	38000	3423	11.1	45500	2370	19.2	1100
SQA040K	1PH-208/230V-60Hz	40300	3631	11.1	47200	2458	19.2	1100
SQA042K	1PH-208/230V-60Hz	42000	3818	11.0	50000	2604	19.2	1100
SRA045K	1PH-208/230V-60Hz	45000	4054	11.1	53600	2792	19.2	1650
SRA047K	1PH-208/230V-60Hz	47000	4234	11.1	55000	2850	19.3	1650
SRA047R	3PH-220V-60Hz	47500	4279	11.1	55600	2866	19.4	1650
SRA049K	1PH-208/230V-60Hz	49100	4423	11.1	58500	3047	19.2	1650
SRA054K	1PH-208/230V-60Hz	54000	4821	11.2	64000	3386	18.9	1650
SRA057K	1PH-208/230V-60Hz	58000	5133	11.3	67600	3503	19.3	1650
SRA061K	1PH-208/230V-60Hz	62000	5487	11.3	72000	3731	19.3	1650

※ 1) Normal performance value is ± 5%. 2) All data above is rated at ARI condition. 3) Figures in the table are subject to change without prior notice for performance improvement.

Standard

60Hz

Model	Power Source	ARI			CHEER			Oil Charge (cc)
		Cooling Capacity (Btu/hr)	Motor Input (Watts)	EER (Btu/W.hr)	Cooling Capacity (Btu/hr)	Motor Input (Watts)	EER (Btu/W.hr)	
AQ022K	1PH-208/230V-60Hz	22000	2444	9.0	27100	1594	17.0	750
AQ024K	1PH-208/230V-60Hz	24000	2667	9.0	29600	1741	17.0	750
AQ026K	1PH-208/230V-60Hz	26000	2766	9.4	32100	1866	17.2	750
AQ028K	1PH-208/230V-60Hz	28000	2979	9.4	34500	2006	17.2	750
AQ030K	1PH-208/230V-60Hz	30000	3191	9.4	37000	2151	17.2	750
AQ032K	1PH-208/230V-60Hz	32000	3333	9.6	39500	2257	17.5	750
AQ034K	1PH-208/230V-60Hz	34000	3542	9.6	42000	2400	17.5	750
AQ036K	1PH-208/230V-60Hz	36000	3750	9.6	44500	2618	17.0	1100
AQ038K	1PH-208/230V-60Hz	38000	3958	9.6	46900	2759	17.0	1100
AQ040K	1PH-208/230V-60Hz	40000	4124	9.7	49400	2906	17.0	1100
AQ042K	1PH-208/230V-60Hz	42500	4381	9.7	52500	3088	17.0	1100
AR054K	1PH-208/230V-60Hz	54500	5619	9.7	67500	3971	17.0	1650
AR057K	1PH-208/230V-60Hz	57500	5928	9.7	71300	4194	17.0	1650
AR061K	1PH-208/230V-60Hz	61500	6340	9.7	76200	4482	17.0	1650

High-Efficiency

60Hz

Model	Power Source	ARI			CHEER			Oil Charge (cc)
		Cooling Capacity (Btu/hr)	Motor Input (Watts)	EER (Btu/W.hr)	Cooling Capacity (Btu/hr)	Motor Input (Watts)	EER (Btu/W.hr)	
AQA022K	1PH-208/230V-60Hz	22000	2245	9.8	27100	1506	18.0	750
AQA024K	1PH-208/230V-60Hz	24000	2400	10.0	29600	1583	18.7	750
AQA026K	1PH-208/230V-60Hz	26000	2653	9.8	32100	1783	18.0	750
AQA028K	1PH-208/230V-60Hz	28000	2800	10.0	34500	1845	18.7	750
AQA030K	1PH-208/230V-60Hz	30000	3000	10.0	37000	1968	18.8	750
AQA032K	1PH-208/230V-60Hz	32000	3200	10.0	39500	2124	18.6	750
AQA034K	1PH-208/230V-60Hz	34000	3400	10.0	42000	2211	19.0	750
AQA036K	1PH-208/230V-60Hz	36000	3600	10.0	44500	2342	19.0	1100
AQA038K	1PH-208/230V-60Hz	38000	3762	10.1	46900	2522	18.6	1100
AQA040K	1PH-208/230V-60Hz	40000	3922	10.2	49400	2656	18.6	1100
AQA042K	1PH-208/230V-60Hz	42500	4250	10.0	52500	2793	18.8	1100
ARA049K	1PH-208/230V-60Hz	49500	4853	10.2	61300	3243	18.9	1650
ARA054K	1PH-208/230V-60Hz	54500	5291	10.3	67600	3577	18.9	1650
ARA057K	1PH-208/230V-60Hz	57500	5693	10.1	71300	3753	19.0	1650
ARA061K	1PH-208/230V-60Hz	61500	6150	10.0	76200	4119	18.5	1650

※ 1) Normal performance value is ± 5%.
2) All data above is rated at ARI condition.
3) Figures in the table are subject to change without prior notice for performance improvement.

Specifications

60Hz

Model	Power Source	Cooling Capacity		Motor Input	EER	COP	Oil Charge	Weight
		(Btu/hr)	(Watts)	(Watts)	(Btu/W.hr)	(W/W)	(cc)	(kg)
AQ022K	1PH,208/230V-60Hz	22100	6476	2402	9.2	2.70	750	25.5
AQ026K	1PH,208/230V-60Hz	26500	7766	2880	9.2	2.70	750	25.5
AQ028K	1PH,208/230V-60Hz	28500	8352	3098	9.2	2.70	750	26.0
AQ030K	1PH,208/230V-60Hz	30000	8791	3226	9.3	2.73	750	26.0
AQ032K	1PH,208/230V-60Hz	32500	9524	3495	9.3	2.73	750	26.0
AQ034K	1PH,208/230V-60Hz	34500	10110	3710	9.3	2.73	750	26.0
AQ036K	1PH,208/230V-60Hz	36000	10549	3871	9.3	2.73	750	26.0
AQ042K	1PH,208/230V-60Hz	42000	12308	4516	9.3	2.73	1200	26.5
AR061U	3PH.380V-60Hz	61500	18022	6276	9.8	2.87	1800	38.0
AR081U	3PH.380V-60Hz	81500	23883	8316	9.8	2.87	1800	38.0

Specifications

50Hz

	Model	Power Source	Cooling Capacity		Motor Input	EER	COP	Oil Charge	Weight
			(Btu/hr)	(Watts)	(Watts)	(Btu/W.hr)	(W/W)	(g)	(kg)
Standard	AQ028P	1PH,220/240V-50Hz	24000	7033	2581	9.3	2.73	750	26.0
	AQ030P	1PH,220/240V-50Hz	25700	7531	2763	9.3	2.73	750	26.0
	AQ032P	1PH,220/240V-50Hz	27050	7927	2909	9.3	2.73	750	26.0
	AQ034P	1PH,220/240V-50Hz	29000	8498	3118	9.3	2.73	750	26.0
	AQ036P	1PH,220/240V-50Hz	30000	8791	3226	9.3	2.73	750	26.0
	AQ042P	1PH,220/240V-50Hz	35000	10256	3763	9.3	2.73	1200	26.5
	AQ028Y	3PH,380/420V-50Hz	24000	7033	2581	9.3	2.73	750	26.0
	AQ034Y	3PH,380/420V-50Hz	25700	7531	2763	9.3	2.73	750	26.0
	AQ034Y	3PH,380/420V-50Hz	29000	8498	3118	9.3	2.73	750	26.0
	AQ036Y	3PH,380/420V-50Hz	30000	8791	3226	9.3	2.73	750	26.0
	AQ042Y	3PH,380/420V-50Hz	35000	10256	3763	9.3	2.73	1200	26.5
	AR049Y	3PH,380/420V-50Hz	42000	12308	4375	9.6	2.81	1800	38.0
	AR061Y	3PH,380/420V-50Hz	52500	15385	5469	9.6	2.81	1800	38.0
	AR073Y	3PH,380/420V-50Hz	60500	17729	6173	9.8	2.87	1800	38.0
	AR081Y	3PH,380/420V-50Hz	67500	19780	6888	9.8	2.87	1800	38.0
High-EER	ARA049P	1PH,220/240V-50Hz	42000	12308	4158	10.1	2.96	1800	40.0
	ARA049Y	3PH,380/420V-50Hz	42000	12308	4118	10.2	2.99	1800	40.0
	ARA053Y	3PH,380/420V-50Hz	44500	13040	4320	10.3	3.02	1800	40.0
	ARA055Y	3PH,380/420V-50Hz	46500	13626	4515	10.3	3.02	1800	40.0
	ARA061Y	3PH,380/420V-50Hz	50500	14799	4903	10.3	3.02	1800	40.0
	ARA068Y	3PH,380/420V-50Hz	57000	16703	5534	10.3	3.02	1800	40.0
	ARA073Y	3PH,380/420V-50Hz	61500	18022	5971	10.3	3.02	1800	40.0
	ARA081Y	3PH,380/420V-50Hz	68500	20073	6650	10.3	3.02	1800	40.0

※ 1) Normal performance value is ± 5%. 2) All data above is rated at ARI condition. 3) Figures in the table are subject to change without prior notice for performance improvement.

Specifications

50Hz

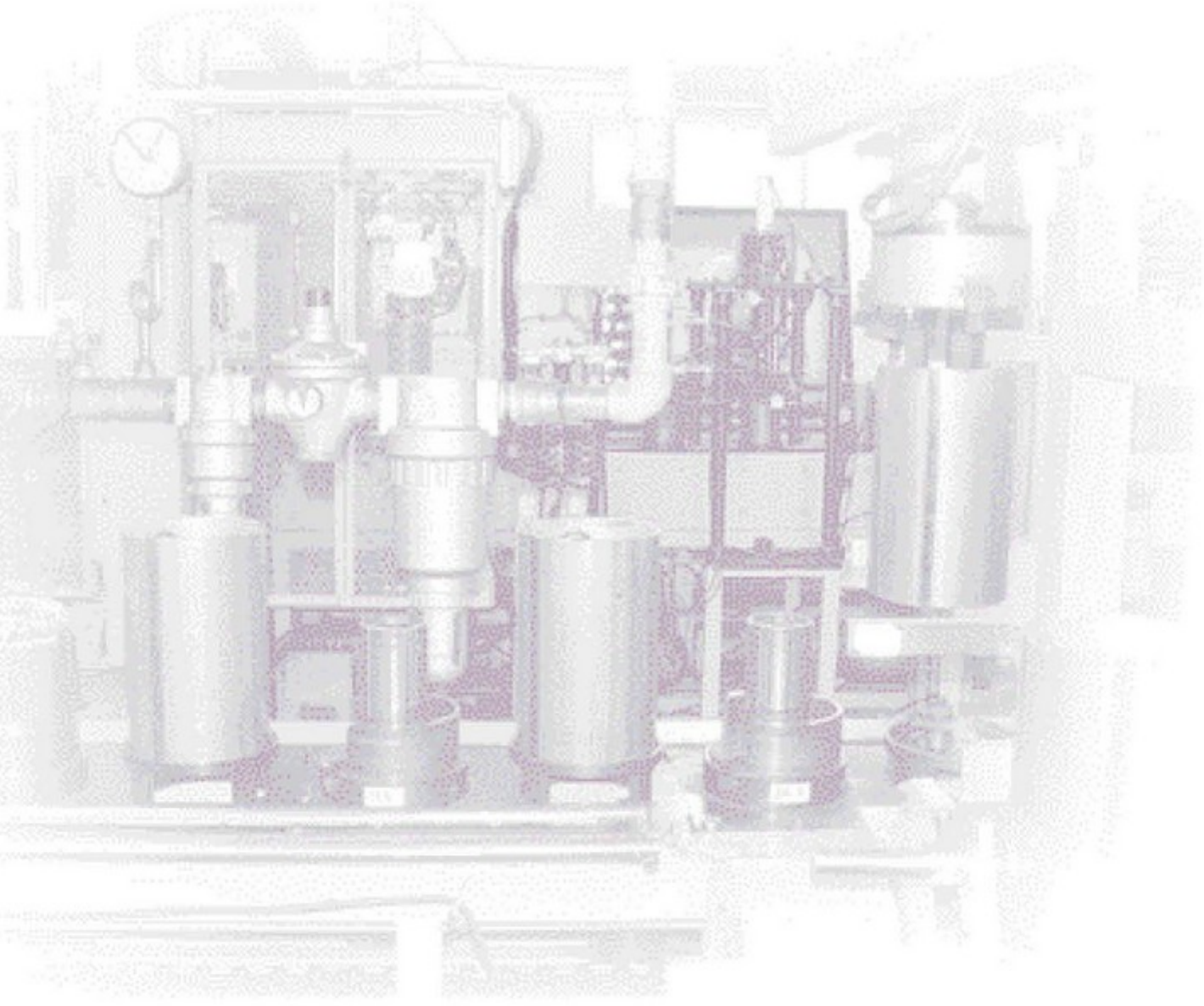
Model	Power Source	Cooling Capacity		Motor Input	EER	COP	Oil Charge	Weight
		(Btu/hr)	(Watts)	(Watts)	(Btu/W.hr)	(W/W)	(cc)	(kg)
HQ024P	1PH,220/240V-50Hz	20500	6007	1990	10.3	3.02	750	26.0
HQ028P	1PH,220/240V-50Hz	24000	7033	2330	10.3	3.02	750	26.0
HQ030P	1PH,220/240V-50Hz	25000	7326	2427	10.3	3.02	750	26.0
HQ034P	1PH,220/240V-50Hz	29000	8498	2788	10.4	3.05	750	26.0
HQ036P	1PH,220/240V-50Hz	30000	8791	2804	10.7	3.14	750	26.0
HQ040P	1PH,220/240V-50Hz	34000	9963	3178	10.7	3.14	1100	27.0
HQ042P	1PH,220/240V-50Hz	35000	10256	3271	10.7	3.14	1100	27.0
HQ028Y	3PH,380/420V-50Hz	24000	7033	2308	10.4	3.05	750	26.0
HQ034Y	3PH,380/420V-50Hz	29000	8498	2762	10.5	3.08	750	26.0
HQ040Y	3PH,380/420V-50Hz	34000	9963	3178	10.7	3.14	1100	27.0
HQ042Y	3PH,380/420V-50Hz	35000	10256	3271	10.7	3.14	1100	27.0
HR049P	1PH,220/240V-50Hz	42500	12454	3975	10.7	3.13	1800	40.0
HR055P	1PH,220/240V-50Hz	46000	13480	4340	10.6	3.11	1800	40.0
HR061P	1PH,220/240V-50Hz	49500	14505	4670	10.6	3.11	1800	40.0
HR061R	3PH,220V-60Hz	61000	17875	5545	11.0	3.22	1800	38.0
HR049Y	3PH,380/420V-50Hz	42500	12454	3864	11.0	3.22	1800	37.0
HR055Y	3PH,380/420V-50Hz	46200	13538	4358	10.6	3.11	1800	38.0
HR061Y	3PH,380/420V-50Hz	50000	14652	4717	10.6	3.11	1800	38.0
HR073Y	3PH,380/420V-50Hz	60500	17729	5708	10.6	3.11	1800	38.0
HR081Y	3PH,380/420V-50Hz	66000	19341	6226	10.6	3.11	1800	38.0

※ 1) Normal performance value is ± 5%.
2) All data above is rated at ARI condition.
3) Figures in the table are subject to change without prior notice for performance improvement.

Specifications

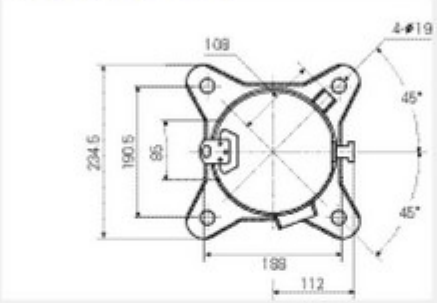
Ref.	Model	Power Source	Cooling Capacity (Btu/hr)	Cooling Capacity (Watts)	Motor Input (Watts)	EER (Btu/W.hr)	COP (w/w)	Oil Charge (cc)	Weight (Kg)
R22	SQ028VA	AC Inverter, 240V - 60Hz	27800	8147	2610	10.65	3.12	1100	26.0
	SQ028VB	AC Inverter, 145V - 60Hz	27800	8147	2610	10.65	3.12	1100	26.0
	SR038VA	AC Inverter, 240V - 60Hz	38200	11194	3600	10.61	3.11	1800	36.0
	SR055VA	AC Inverter, 256V - 60Hz	55000	16117	5140	10.70	3.14	1800	37.0
R407C	HR055VA	AC Inverter, 256V - 60Hz	55200	11194	3600	10.61	3.11	1800	36.0
R410A	AQ028VA	AC Inverter, 145V - 60Hz	27450	8044	3070	8.94	2.62	750	26.0
	AR055VA	AC Inverter, 274V - 60Hz	55500	16264	5780	9.60	2.81	2325	39.5

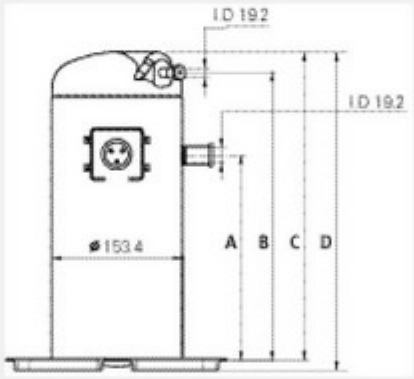
※ 1) Normal performance value is ± 5%.
2) All data above is rated at ARI condition.
3) Figures in the table are subject to change without prior notice for performance improvement.
4) Frequency Range : 30Hz ~ 120Hz



Dimensional Drawing

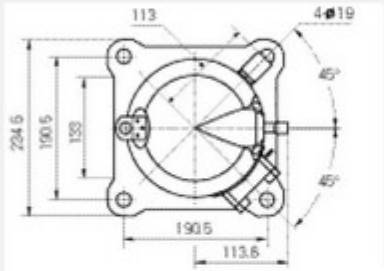
SQ/HQ/AQ Series

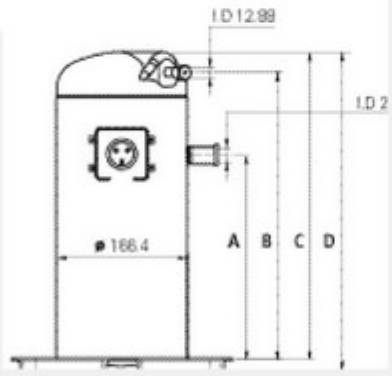




Model / Dimension	A	B	C	D
SQ022~SQ030	239	31	374	387
SQ032~SQ036	242	355	379	392
SQ038~SQ042	268	381	404	414

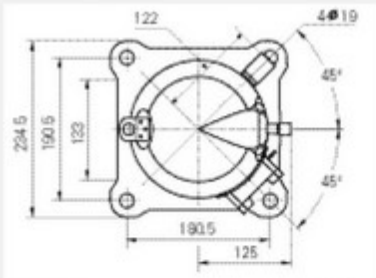
SB/HB/AB Series

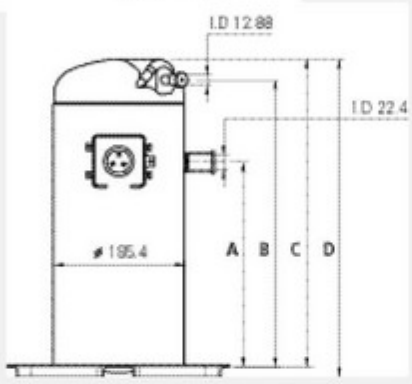




Model / Dimension	Phase	Hz	A	B	C	D
SB045~SB049	1	—	328	429	468	478
SB045~SB049	3	—	305	403	440	450
SB054~SB061	1	—	328	436	475	485
SB054~SB061	3	60Hz	305	406	443	453
SB054~SB061		50Hz	305	410	447	457

SR/HR/AR Series



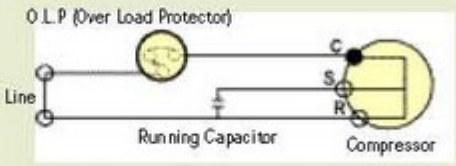


Model / Dimension	Phase	Hz	A	B	C	D
SR049~SR061	1	—	325	435	464	477
SR049~SR061	3	—	290	406	435	449
SR073~SR081	3	—	305	421	450	464

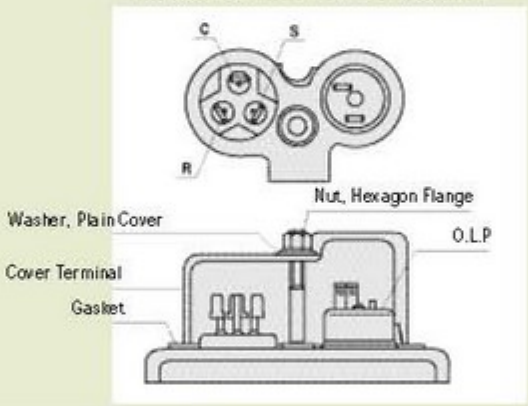
For Rotary Compressor

Wiring Diagram

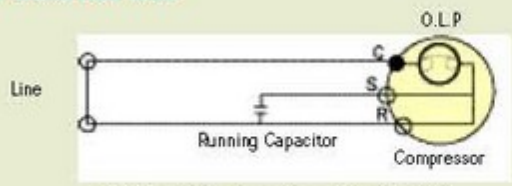
for External OLP



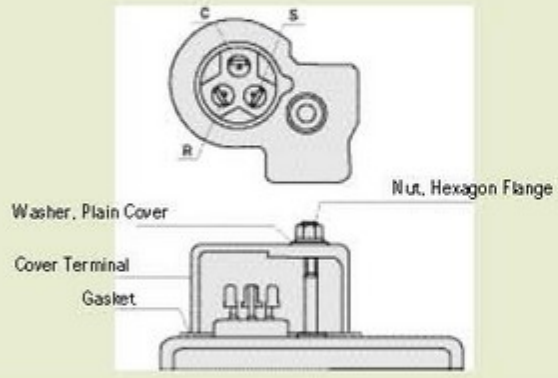
※C.S.R mark is embossed on a Cover Terminal.



for Internal OLP



※C.S.R mark is embossed on a Cover Terminal.

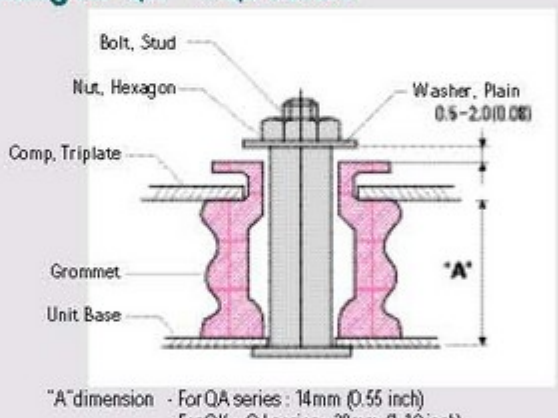


Accessory Parts

No.	Items	Application	Q'ty	No.	Items	Application	Q'ty
①	Cover Terminal	For External OLP	1	⑧	Grommet	QA Series	3
②	Cover Terminal	For Internal OLP	1	⑨	Grommet	QK-QJ Series	3
③	Gasket	For External OLP	1	⑩	Grommet	QJ-QP Series	3
④	Gasket	For Internal OLP	1	⑪	Bolt, Stud	All	3
⑤	Washer, Plain Cover	All	1	⑫	Washer, Plain	All	3
⑥	Nut, Hexagon Flange	All	1	⑬	Nut, Hexagon	All	3
⑦	O.L.P	All	1	⑭	Capacitor	All	1

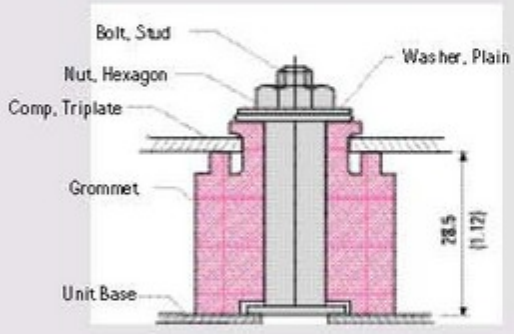
unit : mm (inch)

Mounting for QA ~ QJ Series



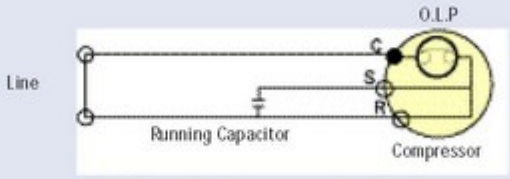
"A"dimension - For QA series : 14mm (0.55 inch)
- For QK ~ QJ series : 28mm (1.10 inch)

Mounting for QJ ~ QP Series



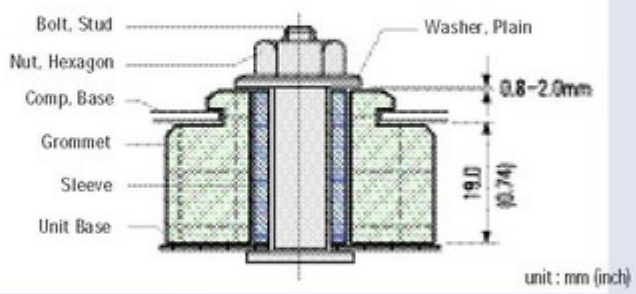
For Scroll Compressor

Wiring Diagram for Internal OLP



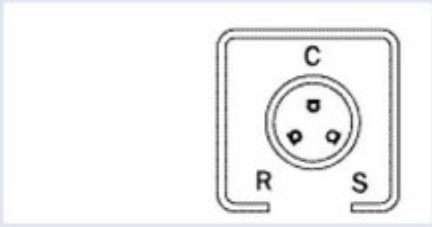
※C.S.R mark is embossed on a Cover Terminal.

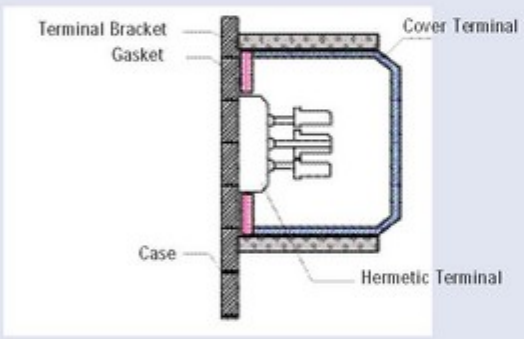
Mounting



unit : mm (inch)

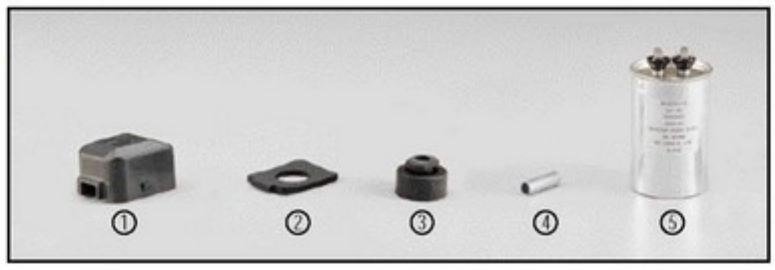
Cover Terminal Fitting





Accessory Parts

No.	Items	Q'ty
①	Cover Terminal	1
②	Gasket	1
③	Grommet	4
④	Sleeve	4
⑤	Capacitor	1



Packing & Container Stuffing Q'ty

1 Step Pallet

2 Step Pallet

unit : mm

Items	Type		Rotary							Scroll			
	Series		QS	QA/GA/NA	QK/NK/GK	QJ/NJ/GJ	QP/NP/GP			SP/HP/AP	SQ/HQ/AQ	SB/HB/AB	SR/HR/AR
1 Step Pallet	Packing Q'ty		42	36	36	27	20	20	16	12	12	12	12
	Size	A	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
		B	380	400	420	440	480	528	600	315	320	340	340
		C	960	960	960	960	960	960	960	960	960	960	960
2 Step Pallet	Packing Q'ty		84	72	72	54	40	40	32	24	24	24	24
	Size	A	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
		B	670	700	735	770	830	913	930	620	630	669	669
		C	960	960	960	960	960	960	960	960	960	960	960
1 Container (20ft)	Total Stuffing Q'ty		2100	1908	1800	1350	1060	920	640	552	552	492	432
	Pallet Q'ty	1 step	2	5	2	6	9	2	2	—	—	3	2
		2 step	24	24	24	22	22	22	19	23	23	19	17
		Acc'y	2	2	2	2	2	2	2	1	1	1	1
		Total	28	31	28	30	33	26	23	24	24	23	20
Remarks (Comp.Model)			050~075	075~096	104~114	125~196	196~292	306~325	306~407	—	—	—	—

⚠ WARNING Service should be performed by trained personnel only.

ELECTRICAL SHOCK HAZARD
- Compressor must be grounded whenever power is applied and compressor is operated.
- Turn off the power in advance of servicing.
- Secure retain terminal cover whenever power is applied to the compressor.

GETTING BURNT.
- Do not touch the compressor with bare hands during operation or after stopage instantly.

EXPLOSION OR FIRE.
- Remove refrigerant securely from compressor in case of welding.
- Do not compress air or operate compressor with vacuumed inside.
- Wear safety goggles and gears.