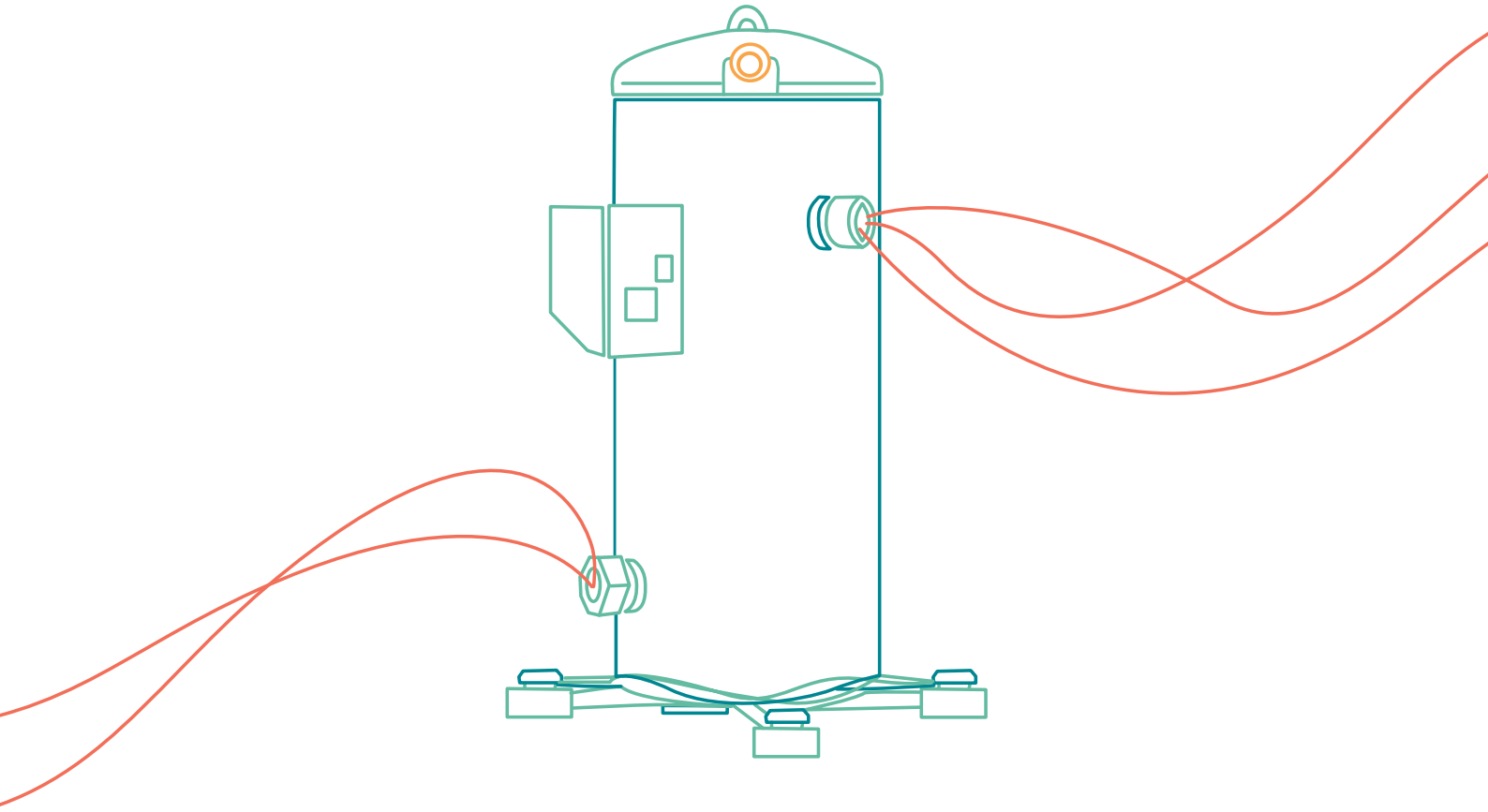
SCROLL COMPRESSORS

COMMERCIAL REFRIGERATION

FOR 50Hz



Multi-Refrigerant Platform

- R134a
- R404A
- R513A
- R449A
- R452A

embraco

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EMBRACO is a global cooling specialist and leader in the refrigeration market, aiming to combine technology and services, engineered around customers' needs.

Our mission is to provide innovative solutions for a better quality of life. We are passionate about technology and constantly investing in new developments, energy efficiency improvements, sustainability of our products and processes, combined with premium quality, operational excellence, and business knowledge to support our customers to reach their goals and even exceed the most restrictive international standards.

What makes the difference when you choose Embraco?
Thanks to our wide range of products combining hermetic and scroll compressors, condensing units and electronics, we can provide ultimate solutions for Household, Light Commercial and Aftermarket segments.

Our global footprint, with factories and offices located in Brasil, China, Italy, Mexico, Russia, Slovakia and United States, assures premium service level and runs flexible business in more than 80 Countries all over the world.

Our 500 professionals in R&D, laboratories and tech centers in 4 continents assure a constant focus and wide experience to support customers in the development of their solution.

- More than 11,500 employees
- More than 400 professionals in R&D
- Production capacity of over 38 million compressors per year
- More than 500 million products produced to date
- More than 1,200 patents worldwide
- Business conducted in more than 80 countries
- R&D laboratories on 4 continents

embraco

transforming insights into great cooling experiences

REFRIGERATION SCROLL FROM EMBRACO

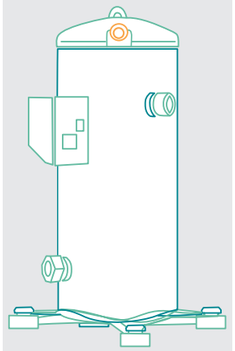
Embraco offers a full range of hermetic compressors for refrigeration from fractional HP up to 1,5 HP with a long experience in developing innovative solutions for commercial and professional refrigeration. With the **new range of scroll compressors for refrigeration Embraco complete the product range** for commercial and professional applications with a range of scroll compressors **from 2HP up to 13HP**. With the standard reciprocating range and the new scroll range Embraco is able to satisfy the most common applications, from small installations to bigger ones, in commercial and professional refrigeration market.

- **High Efficiency**
- **Long Terms Reliability**
- **Multi-Refrigerant Platform: R404A, R449A, R452A, R134a, R513A***
- **Robust and Reliable Technology** proven for commercial applications
- **Silent Operation**

* Soon in Product Selector Data and performance of all refrigerants approved

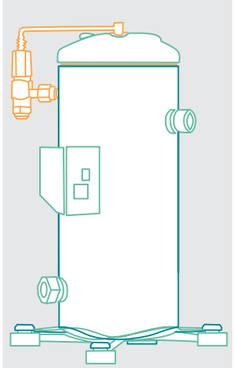
SCROLL COMPRESSOR MAIN FEATURES

MBP



- Various models to meet refrigeration capacity needs
- Optimized for medium temperature applications
- Able to run at -30° C evaporating temperature without injection solutions

LBP



- Easy to use Liquid Injection with DTC valve
- Optimized for low temperature applications with discharge temperature management
- Able to work down to -40°C evaporating temperature

OPTIMIZED NOISE LEVEL

- Built-in sound insulation to minimize running noise.
- Running sound optimization with careful design of internal loads and sealings.

OPTIMIZED DESIGN

- Optimized footprint with compact design and light weight if compared to semi-hermetic solutions.
- Tubes and connections compatible with most popular scroll installations.
- Multi-Refrigerant Platform: R404A, R449A, R452A, R134a, R513A.
- Safe and easy electrical connections.
- Robust consolidated scroll design. Less moving parts than reciprocating solutions.

HIGH RELIABILITY

- Radial and Axial adaptability
- Internal high pressure release valve.
- Internal overload protection.

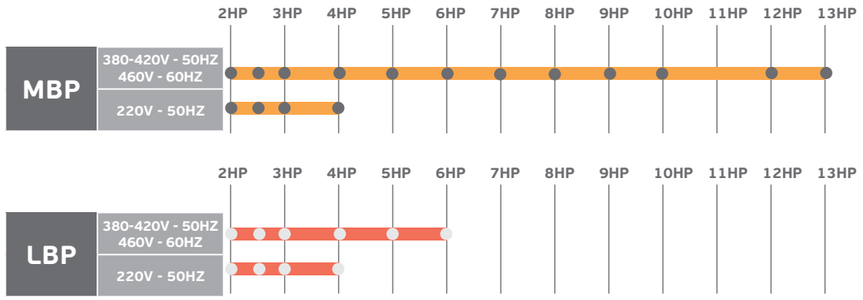
EXCELLENT PERFORMANCE

- Large application envelope.
- Optimal discharge temperature management.
- Optimum operation envelope.
- High efficiency motor design.
- Engineered to run at low evaporating temperature without injection.
- High COP performance.

STANDARD FOOTPRINT AND CONNECTIONS

- Tubes and connections compatible with most popular scroll installations.
- Versatile connections, available Rotalock or Soldering options.
- Oil Sight Glass built-in, removable for oil equalization.

COMMERCIAL REFRIGERATION RANGE FROM 2HP TO 13HP



MBP

3 ~ 380 - 420V 50Hz / 460V 60Hz

MODEL	HP	SWEPT VOLUME cm³/REV	DISPLACEMENT m³/h	COOLING CAPACITY (W)	COP (W/W)
SE6015GS-O	2	33,3	5,8	3565	2,05
SE6018GS-O	2,5	42	7,3	4256	2,17
SE6021GS-O	3	46,6	8,1	4847	2,23
SE6030GS-O	4	67,8	11,8	6930	2,30
SE6036GS-O	5	83,3	14,5	8512	2,35
SE6043GS-O	6	98,3	17,1	10114	2,35
SE6053GS-O	7	115,5	20,1	12257	2,35
SE6056GS-O	8	123	21,4	12911	2,35
SE6067GS-O	9	145,4	25,3	15864	2,35
SE6078GS-O	10	167,2	29,1	17881	2,35
SE6085GS-O	12	189,1	32,9	19563	2,37
SE6089GS-O	13	197,1	34,3	20573	2,37

1 ~ 220V 50Hz

MODEL	HP	SWEPT VOLUME cm³/REV	DISPLACEMENT m³/h	COOLING CAPACITY (W)	COP (W/W)
SE6015GK-C	2	33,3	5,8	3565	2,02
SE6018GK-C	2,5	42	7,3	4256	2,07
SE6021GK-C	3	46,6	8,1	4847	2,11
SE6030GK-C	4	67,8	11,8	6930	2,26

Test conditions EN12900 Te -10°C; Tc 45°C; Rgt 20°C; No subcooling; Ta 35°C

LBP

3 ~ 380 - 420V 50Hz / 460V 60Hz

MODEL	HP	SWEPT VOLUME cm³/REV	DISPLACEMENT m³/h	COOLING CAPACITY (W)	COP (W/W)
SE2006GS-O	2	33,3	5,8	1171	1,10
SE2008GS-O	2,5	42	7,3	1495	1,11
SE2010GS-O	3	46,6	8,1	1756	1,12
SE2014GS-O	4	67,8	11,8	2656	1,22
SE2017GS-O	5	83,3	14,5	3152	1,26
SE2020GS-O	6	98,3	17,1	3692	1,27

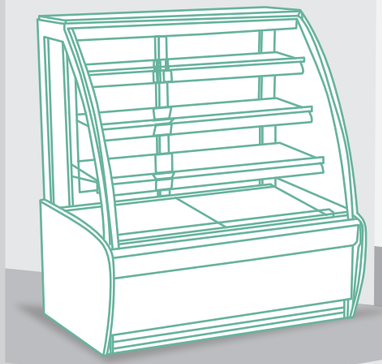
1~ 220V 50Hz

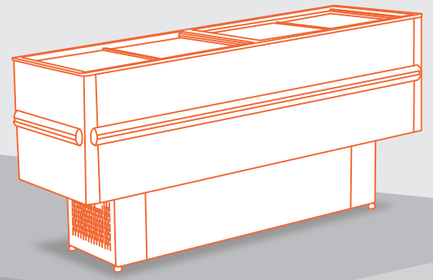
MODEL	HP	SWEPT VOLUME cm³/REV	DISPLACEMENT m³/h	COOLING CAPACITY (W)	COP (W/W)
SE2006GK-C	2	33,3	5,8	1171	1,09
SE2008GK-C	2,5	42	7,3	1495	1,08
SE2010GK-C	3	46,6	8,1	1756	1,09
SE2014GK-C	4	67,8	11,8	2656	1,20

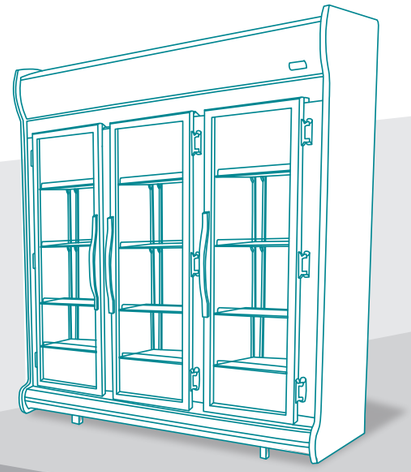
Test conditions EN12900 Te -35°C; Tc 40°C; Rgt 20°C; No subcooling; Ta 35°C

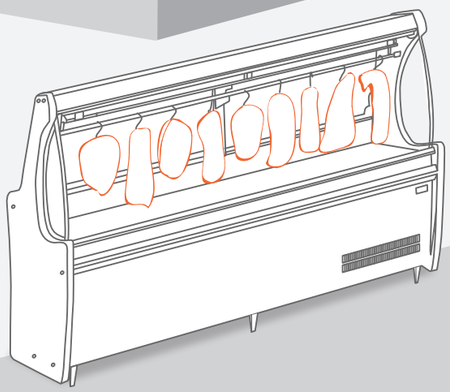
APPLICATIONS

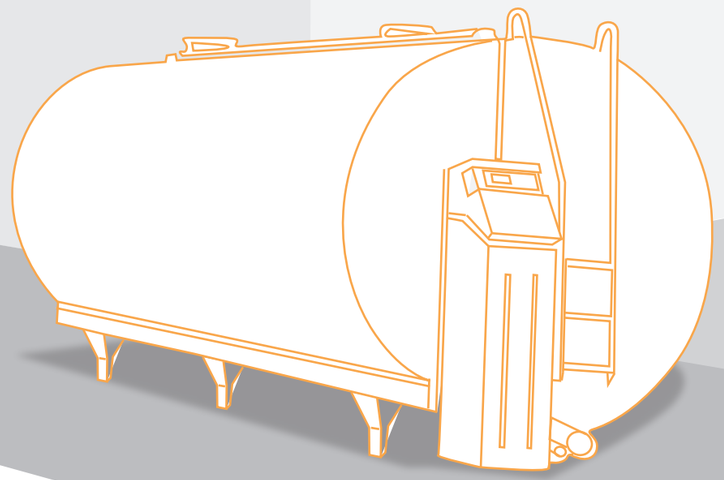
Our product range is optimized and tested in the field for various applications: commercial and professional cabinets, supermarkets, convenience stores, food retails, etc. Embraco Scroll is focused in the offering the best trade-off among top performance and reliability, with the target of developing solutions with high efficiency and long terms reliability, using various options of refrigerants with a clear focus on green solutions.

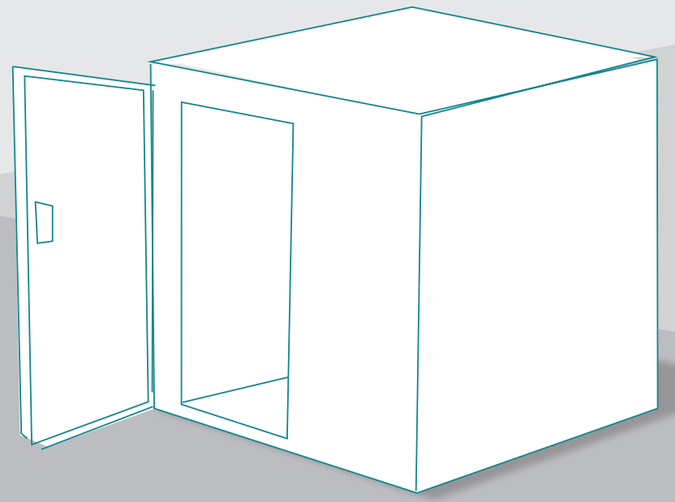












NOMENCLATURE

MODEL DESCRIPTION

SE | **2** | **015** | **GK** | **C**

COMPRESSOR FAMILY
SE = Scroll Embraco

APPLICATION CODE
2 = LBP
6 = MBP

NOMINAL CAPACITY
In BTU/h at 60 Hz x 1000
ARI Conditions

REFRIGERANT
GK = R404A, R449A, R452A, R134a, R513A 1~
GS = R404A, R449A, R452A, R134a, R513A 3~

VOLTAGE & FREQUENCY SUPPLY
C - 220V 50Hz 1~
O - 380-420V 50Hz/460V 60Hz 3~

COMPRESSOR BILL OF MATERIAL

30 | **1** | **A** | **C** | **01** | **01** | **A** | **A**

COMPRESSOR SCROLL TYPE

COMPRESSOR SIZE
1 = 424 mm
2 = 506 mm
3 = 424 mm (447 mm with DTC valve temperature sensor)

MODEL CODE

VOLTAGE & FREQUENCY SUPPLY
C - 220V 50Hz 1~
O - 380-420V 50Hz/460V 60Hz 3~

EXTERNAL EXECUTION
01, 04 = brazing tube connection, oil sight glass, hanger tab
02 = brazing tube connection, oil sight glass, hanger tab, liquid injection
11, 14 = Rotolock connection, oil sight glass, hanger tab
12 = Rotolock connection, oil sight glass, hanger tab, liquid injection

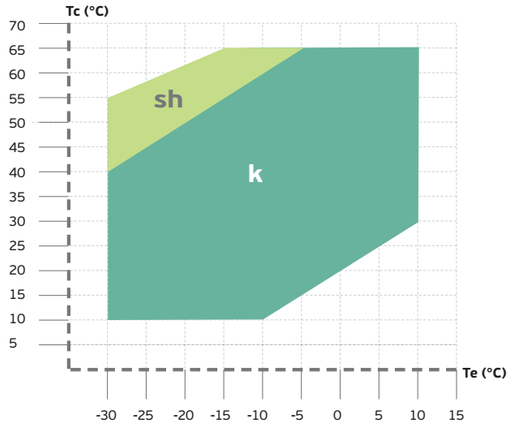
ELECTRICAL EXECUTION
01 = 3 phase
04 = CSR box

ACCESSORIES EXECUTION
A = grommets, sleeves, tube plug, DTC valve for LBP with oil

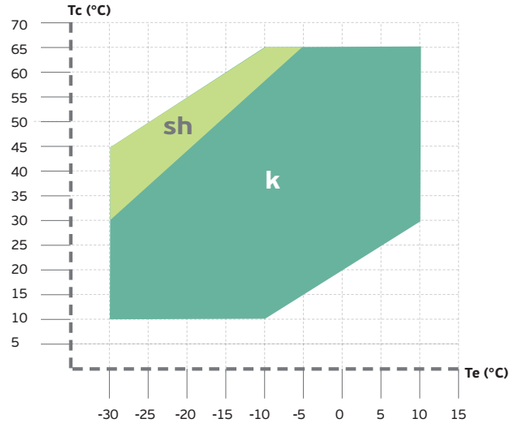
PACKAGING EXECUTION
A = single
B = 12 pcs for 7 - 13 hp
C = 16 pcs for 2 - 6 hp

OPERATING ENVELOPE

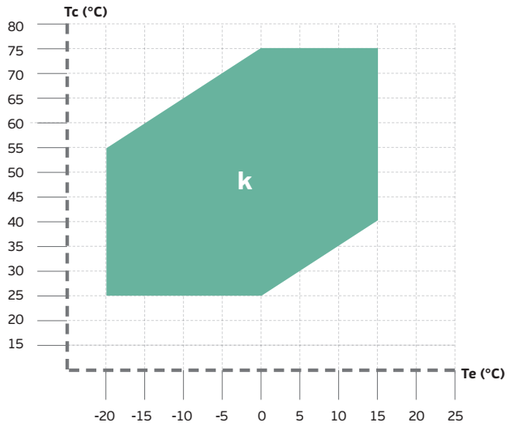
MBP - R404A/R452A



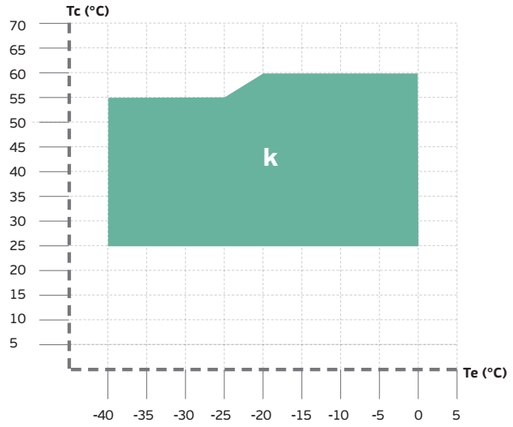
MBP - R449A



MBP - R134a/R513A



LBP R404A/R452A/R449A



Tc: Condensing Temperature °C

Te: Evaporating Temperature °C

k: Operating condition, Ambient 35°C, return gas temperature 20°C

sh: Superheating area; 11,1k

Note: *Usage of compressors outside of the intended operating envelope, can not make use of warranty, or should be consulted with Technical Support.*

ELECTRICAL MOTOR TYPES

TYPE OF MOTOR	PROTECTOR	STARTING DEVICE	CAPACITORS		CSR BOX
	Overload Protector	Voltage Relay	Start	Run	Recommended wire section
CSR Capacitive Start & Run (*)	√	√	√	√	11 AWG
3-Phases (**)	√	-	-	-	-

(*) CSR - Capacitive Start and Run - This type of connection has permanently connected run capacitor in series with start winding. Run capacitor remains connected also after the motor starts. Start capacitor is connected in series to start winding. Potential relay, calibrated for each motor, disconnects the start capacitor at the end of the start.

(**) Three-phase windings with star connections.

ELECTRICAL COMPONENTS SPECIFICATION OF SINGLE PHASE

APPLICATION	EMBRACO MODEL	START CAPACITOR	RUN CAPACITOR	STARTING DEVICE
MBP	**SE6015GK-C**	330V 160µF	450V 60µF	HLR3800-3E3D
	SE6018GK-C	330V 160µF	450V 60µF	HLR3800-3E3D
	SE6021GK-C	330V 160µF	450V 60µF	HLR3800-3E3D
	SE6030GK-C	330V 250µF	450V 80µF	HLR3800-3H3D
LBP	**SE2006GK-C**	330V 160µF	450V 60µF	HLR3800-3E3D
	SE2008GK-C	330V 160µF	450V 60µF	HLR3800-3E3D
	SE2010GK-C	330V 160µF	450V 60µF	HLR3800-3E3D
	SE2014GK-C	330V 250µF	450V 80µF	HLR3800-3H3D

ELECTRICAL DATA OF THREE PHASE MOTOR (380-420V 50Hz / 460V 60Hz)

APPLICATION	EMBRACO MODEL	RATED LOAD AMPS RLA (A)	LOCKED ROTOR AMPS LRA (A)	MAX OPERATING CURRENT MOC (A)	RUN WINDING RESISTANCE (±10%) AT 25°C (Ω)
MBP	**SE6015GS-0**	3,5	22	5,2	6,7
	SE6018GS-0	4,8	45	6,4	3,3
	SE6021GS-0	5,1	45	6,9	3,3
	SE6030GS-0	7	60	10,3	2,45
	SE6036GS-0	8	60	12,2	2,45
	SE6043GS-0	9,4	65	14,3	1,9
	SE6053GS-0	11,8	117	17,3	1,09
	SE6056GS-0	12,1	117	18,4	1,09
	SE6067GS-0	13,6	117	21	1,09
	SE6078GS-0	15,5	121	23,6	1,06
	SE6085GS-0	16,3	121	26,5	1,06
	SE6089GS-0	16,9	121	27,6	1,06
LBP	**SE2006GS-0**	2,5	22	3,8	6,7
	SE2008GS-0	2,9	22	4,4	6,7
	SE2010GS-0	4,5	45	5,8	3,3
	SE2014GS-0	5,3	60	8,8	2,45
	SE2017GS-0	6,6	60	10,3	2,45
	SE2020GS-0	7	60	12,1	1,9

ELECTRICAL DATA OF SINGLE MOTOR (220V 50Hz)

APPLICATION	EMBRACO MODEL	RATED LOAD AMPS RLA (A)	LOCKED ROTOR AMPS LRA (A)	MAX OPERATING CURRENT MOC (A)	RUN WINDING RESISTANCE (±10%) AT 25°C (Ω)	START WINDING RESISTANCE (±10%) AT 25°C (Ω)
MBP	**SE6015GK-C**	9,4	76	16,2	0,7	1,4
	SE6018GK-C	11,2	76	17,2	0,7	1,4
	SE6021GK-C	12,7	76	19	0,7	1,4
	SE6030GK-C	16,9	109	28,1	0,5	1,3
LBP	**SE2006GK-C**	6,1	76	13,4	0,7	1,4
	SE2008GK-C	7,8	76	14,2	0,7	1,4
	SE2010GK-C	9,1	76	16,2	0,7	1,4
	SE2014GK-C	12,5	109	23,3	0,5	1,3

DEGREE OF PROTECTION

The degree of protection provided by the terminal cover and CSR box supplied with the compressor is IP21, where:

2 – protected against solid objects over 12,5 mm (fingers or similar)

1 – protected against vertically falling drops of water or condensation

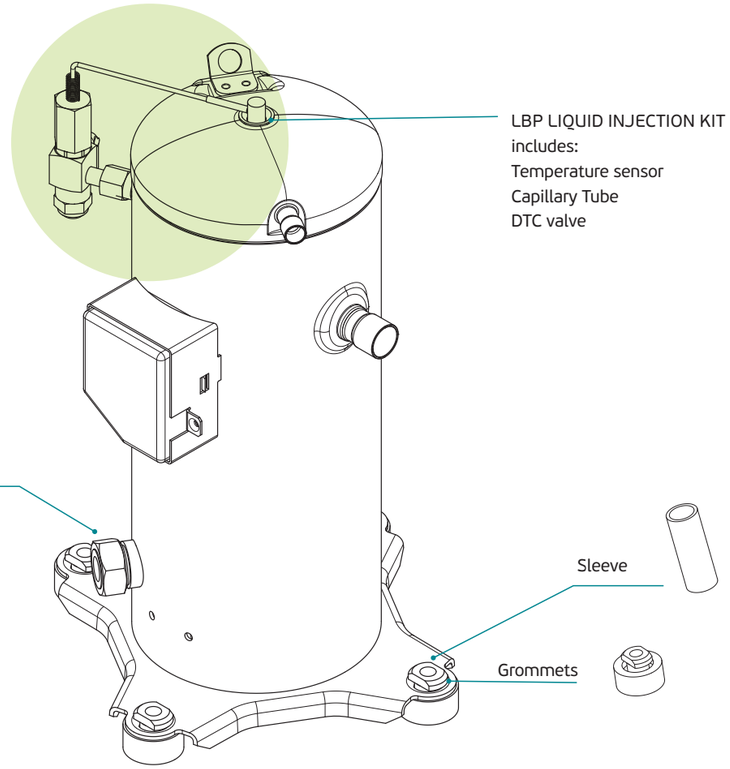
VOLTAGE & FREQUENCY

CODE	VOLTAGE & FREQUENCY	VOLTAGE WORKING RANGE		MINIMUM START VOLTAGE	
		50Hz	60Hz	50Hz	60Hz
C	220V 50Hz 1 ~	198V - 242V	-	187V	-
O	380-420V 50Hz / 460V 60Hz 3~	342V - 462V	414V - 506V	334V	391V

TEST CONDITIONS

TEST CONDITIONS	APPLICATION	EVAPORATING TEMPERATURE °C	CONDENSING TEMPERATURE °C	RETURN GAS TEMPERATURE °C	SUBCOOLING	AMBIENT TEMPERATURE °C
EN 12900	LBP	-35	40	20	0	35
	MBP	-10	45			
ARI 540 (2015)	LBP	-31,6	40,6	4,4	0	35
ARI 540 (2004)	MBP	-6,7	48,9	4,4	0	35

ACCESSORIES (INCLUDED)



Note: *Illustrative picture.*

ADDITIONAL CONNECTIONS

CONNECTIONS	BRAZING CONNECTION		ROTOLOCK CONNECTION	
	I.D. mm		I.D. inches	
SHELL SIZE	Suction	Discharge	Suction	Discharge
2 - 6 HP	22,35 - 22,45	12,87 - 12,97	1 1/4“	3/4"
7 -13 HP	28,83	22,47	1 3/4"	1 1/4"

OPTIONAL ACCESSORIES

SHELL SIZE	CRANKCASE HEATER			SOUND JACKET	
	VOLTAGE (V)	NOMINAL POWER (W)	LENGHT (mm)	SOUND ATTENUATION AT 50 HZ (dBA)	SOUND JACKET THICKNESS (mm)
2 - 6 HP	230	60	480	3	12
7 - 13 HP	230	70	570	6	12

TUBE ADAPTERS

ADAPTER	ODS	TIGHTENING TORQUE (Nm)
3/4" - 16UNF	3/8"	40-50
1 1/4"-12UNF	5/8"	100-110
	7/8"	
1 3/4"-12UN	1 1/8"	170-180

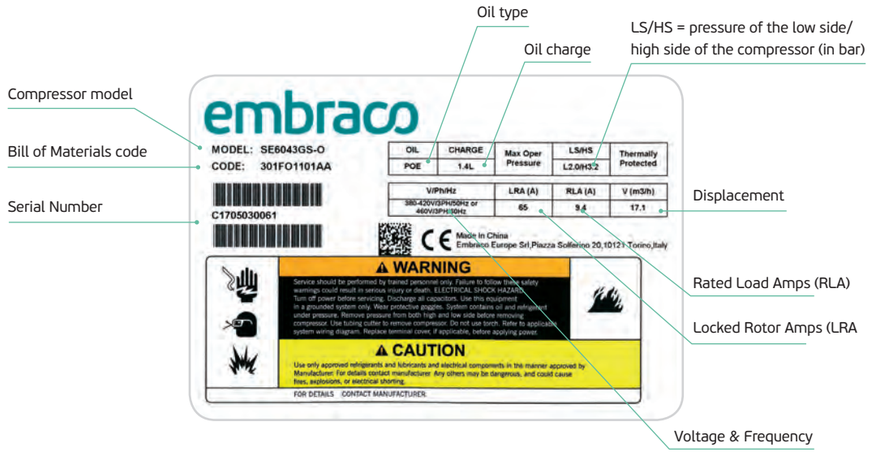
ROTOLOCK VALVES

ROTOLOCK VALVE	ODS	TIGHTENING TORQUE (Nm)
3/4" - 16UNF	1/2"	40-50
	3/8"	
1 1/4"-12UNF	5/8"	100-110
	3/4"	
	7/8"	
	1 1/8"	
1 3/4"-12UN	1 1/8"	170-180
	1 3/8"	

PACKAGING

SCROLL PACKAGING				
PACKAGING TYPE	CODE	QUANTITY PER PALLET	DIMENSIONS (mm)	OBS
SINGLE PACK	A	9	330 x 330 x 450 (2-6hp)	Grommets, sleeves, tube plug, DTC valve included for LBP
			330 x 330 x 540 (7-13hp)	
MULTIPLE PACK	B	12	1100 x 1100 x 660	
	C	16	1100 x 1100 x 560	

IDENTIFICATION LABEL



GENERAL DATA & PERFORMANCE

R449A - MBP - 380-420V 50Hz/460V 60Hz 3~

				EN12900 TE -10°C; TC 45°C; RGT 20°C; NO SUBCOOLING; TA 35°C 380V/50Hz				OIL TYPE POE 32													
MODEL	HP	SWEPT VOLUME cm³ / REV	DISPLACEMENT m³ / h	COOLING CAPACITY (W)	POWER INPUT (W)	COP (W/W)	SOUND POWER LEVEL (dBA)	OIL INITIAL CHARGE VOLUME (L)	OIL RECHARGE VOLUME (L)	MAX. RECOMMENDED REFRIGERANT CHARGE (kg)	SUCTION ROTOLOCK CONNECTOR	SUCTION CONNECTOR ID Ø (mm)		DISCHAR. ROTOLOCK CONNECTOR	DISCHARGE CONNECTOR ID Ø (mm)	MAX. HEIGHT (mm)	COMPRESSOR SHELL Ø (mm)	BASE PLATE HOLES INTERAXIS (mm)	BASE PLATE MAX. DIMENSIONS (mm)	TOTAL WEIGHT kg)	SIMPLE EXTERNAL DRW	WIRING DIAGRAM	MODEL
SE6015GS-O	2	33,3	5,8	3565	1735	2,05	71	1,4	1,25	2,8	1 1/4"-12 UNF 2A	22,4		3/4"-16 UNF 2A	12,92	424	168	191X191	239X239	29	MBP_2-6HP	SM31	**SE6015GS-O**
SE6018GS-O	2,5	42	7,3	4256	1960	2,17	71	1,4	1,25	3,5	1 1/4"-12 UNF 2A	22,4		3/4"-16 UNF 2A	12,92	424	168	191X191	239X239	30	MBP_2-6HP	SM31	**SE6018GS-O**
SE6021GS-O	3	46,6	8,1	4847	2173	2,23	71	1,4	1,25	3,5	1 1/4"-12 UNF 2A	22,4		3/4"-16 UNF 2A	12,92	424	168	191X191	239X239	30	MBP_2-6HP	SM31	**SE6021GS-O**
SE6030GS-O	4	67,8	11,8	6930	3011	2,30	73	1,4	1,25	4,5	1 1/4"-12 UNF 2A	22,4		3/4"-16 UNF 2A	12,92	424	168	191X191	239X239	31	MBP_2-6HP	SM31	**SE6030GS-O**
SE6036GS-O	5	83,3	14,5	8512	3625	2,35	73	1,4	1,25	4,5	1 1/4"-12 UNF 2A	22,4		3/4"-16 UNF 2A	12,92	424	168	191X191	239X239	31	MBP_2-6HP	SM31	**SE6036GS-O**
SE6043GS-O	6	98,3	17,1	10114	4308	2,35	74	1,4	1,25	5,5	1 1/4"-12 UNF 2A	22,4		3/4"-16 UNF 2A	12,92	424	168	191X191	239X239	33	MBP_2-6HP	SM31	**SE6043GS-O**
SE6053GS-O	7	115,5	20,1	12257	5221	2,35	75	2,7	2,6	6,5	1 3/4"-12UN	28,83		1 1/4"-12 UNF 2A	22,47	506	197	191X191	232X232	53	MBP_7-13HP	SM31	**SE6053GS-O**
SE6056GS-O	8	123	21,4	12911	5499	2,35	75	2,7	2,6	8	1 3/4"-12UN	28,83		1 1/4"-12 UNF 2A	22,47	506	197	191X191	232X232	53	MBP_7-13HP	SM31	**SE6056GS-O**
SE6067GS-O	9	145,4	25,3	15864	6757	2,35	76	2,7	2,6	8	1 3/4"-12UN	28,83		1 1/4"-12 UNF 2A	22,47	506	197	191X191	232X232	53	MBP_7-13HP	SM31	**SE6067GS-O**
SE6078GS-O	10	167,2	29,1	17881	7616	2,35	76	2,7	2,6	10,5	1 3/4"-12UN	28,83		1 1/4"-12 UNF 2A	22,47	506	197	191X191	232X232	54	MBP_7-13HP	SM31	**SE6078GS-O**
SE6085GS-O	12	189,1	32,9	19563	8250	2,37	77	2,7	2,6	10,5	1 3/4"-12UN	28,83		1 1/4"-12 UNF 2A	22,47	506	197	191X191	232X232	54	MBP_7-13HP	SM31	**SE6085GS-O**
SE6089GS-O	13	197,1	34,3	20573	8676	2,37	77	2,7	2,6	10,5	1 3/4"-12UN	28,83		1 1/4"-12 UNF 2A	22,47	506	197	191X191	232X232	54	MBP_7-13HP	SM31	**SE6089GS-O**

R449A - MBP - 220V 50Hz 1~

				EN12900 TE -10°C; TC 45°C; RGT 20°C; NO SUBCOOLING; TA 35°C 380V/50Hz				OIL TYPE POE 32													
MODEL	HP	SWEPT VOLUME cm³ / REV	DISPLACEMENT m³ / h	COOLING CAPACITY (W)	POWER INPUT (W)	COP (W/W)	SOUND POWER LEVEL (dBA)	OIL INITIAL CHARGE VOLUME (L)	OIL RECHARGE VOLUME (L)	MAX. RECOMMENDED REFRIGERANT CHARGE (kg)	SUCTION ROTOLOCK CONNECTOR	SUCTION CONNECTOR ID Ø (mm)		DISCHAR. ROTOLOCK CONNECTOR	DISCHARGE CONNECTOR ID Ø (mm)	MAX. HEIGHT (mm)	COMPRESSOR SHELL Ø (mm)	BASE PLATE HOLES INTERAXIS (mm)	BASE PLATE MAX. DIMENSIONS (mm)	TOTAL WEIGHT kg)	SIMPLE EXTERNAL DRW	WIRING DIAGRAM	MODEL
SE6015GK-C	2	33,3	5,8	3565	1766	2,02	71	1,4	1,25	2,8	1 1/4"-12 UNF 2A	22,4		3/4"-16 UNF 2A	12,92	424	168	191X191	239X239	32	MBP_2-6HP	SM30	**SE6015GK-C**
SE6018GK-C	2,5	42	7,3	4256	2060	2,07	71	1,4	1,25	3,5	1 1/4"-12 UNF 2A	22,4		3/4"-16 UNF 2A	12,92	424	168	191X191	239X239	32	MBP_2-6HP	SM30	**SE6018GK-C**
SE6021GK-C	3	46,6	8,1	4847	2294	2,11	71	1,4	1,25	3,5	1 1/4"-12 UNF 2A	22,4		3/4"-16 UNF 2A	12,92	424	168	191X191	239X239	32	MBP_2-6HP	SM30	**SE6021GK-C**
SE6030GK-C	4	67,8	11,8	6930	3072	2,26	73	1,4	1,25	4,5	1 1/4"-12 UNF 2A	22,4		3/4"-16 UNF 2A	12,92	424	168	191X191	239X239	34	MBP_2-6HP	SM30	**SE6030GK-C**

Note: *Subject to modification without prior notification.*

GENERAL DATA & PERFORMANCE

R449A - LBP - 380-420V 50Hz/460V 60Hz 3~

				EN12900 TE -10°C; TC 45°C; RGT 20°C; NO SUBCOOLING; TA 35°C 380V/50Hz				OIL TYPE POE 32														
MODEL	HP	SWEPT VOLUME cm³ / REV	DISPLACEMENT m³ / h	COOLING CAPACITY (W)	POWER INPUT (W)	COP (W/W)	SOUND POWER LEVEL (dBA)	OIL INITIAL CHARGE VOLUME (L)	OIL RECHARGE VOLUME (L)	MAX. RECOMMENDED REFRIGERANT CHARGE (kg)	SUCTION ROTOLOCK CONNECTOR	SUCTION CONNECTOR ID Ø (mm)		DISCHAR. ROTOLOCK CONNECTOR	DISCHARGE CONNECTOR ID Ø (mm)	MAX. HEIGHT (mm)	COMPRESSOR SHELL Ø (mm)	BASE PLATE HOLES INTERAXIS (mm)	BASE PLATE MAX. DIMENSIONS (mm)	TOTAL WEIGHT kg)	SIMPLE EXTERNAL DRW	WIRING DIAGRAM	MODEL
SE2006GS-O	2	33,3	5,8	1171	1067	1,10	71	1,4	1,25	2,8	1 1/4"-12 UNF 2A	22,4		3/4"-16 UNF 2A	12,92	424	168	191X191	239X239	29	LBP_2-6HP	SM31	**SE2006GS-O**
SE2008GS-O	2,5	42	7,3	1495	1352	1,11	71	1,4	1,25	3,5	1 1/4"-12 UNF 2A	22,4		3/4"-16 UNF 2A	12,92	424	168	191X191	239X239	29	LBP_2-6HP	SM31	**SE2008GS-O**
SE2010GS-O	3	46,6	8,1	1756	1572	1,12	71	1,4	1,25	3,5	1 1/4"-12 UNF 2A	22,4		3/4"-16 UNF 2A	12,92	424	168	191X191	239X239	30	LBP_2-6HP	SM31	**SE2010GS-O**
SE2014GS-O	4	67,8	11,8	2656	2170	1,22	73	1,4	1,25	4,5	1 1/4"-12 UNF 2A	22,4		3/4"-16 UNF 2A	12,92	424	168	191X191	239X239	31	LBP_2-6HP	SM31	**SE2014GS-O**
SE2017GS-O	5	83,3	14,5	3152	2492	1,26	73	1,4	1,25	4,5	1 1/4"-12 UNF 2A	22,4		3/4"-16 UNF 2A	12,92	424	168	191X191	239X239	31	LBP_2-6HP	SM31	**SE2017GS-O**
SE2020GS-O	6	98,3	17,1	3692	2897	1,27	74	1,4	1,25	5,5	1 1/4"-12 UNF 2A	22,4		3/4"-16 UNF 2A	12,92	424	168	191X191	239X239	33	LBP_2-6HP	SM31	**SE2020GS-O**

R449A - LBP - 220V 50Hz 1~

				EN12900 TE -10°C; TC 45°C; RGT 20°C; NO SUBCOOLING; TA 35°C 380V/50Hz				OIL TYPE POE 32														
MODEL	HP	SWEPT VOLUME cm³ / REV	DISPLACEMENT m³ / h	COOLING CAPACITY (W)	POWER INPUT (W)	COP (W/W)	SOUND POWER LEVEL (dBA)	OIL INITIAL CHARGE VOLUME (L)	OIL RECHARGE VOLUME (L)	MAX. RECOMMENDED REFRIGERANT CHARGE (kg)	SUCTION ROTOLOCK CONNECTOR	SUCTION CONNECTOR ID Ø (mm)		DISCHAR. ROTOLOCK CONNECTOR	DISCHARGE CONNECTOR ID Ø (mm)	MAX. HEIGHT (mm)	COMPRESSOR SHELL Ø (mm)	BASE PLATE HOLES INTERAXIS (mm)	BASE PLATE MAX. DIMENSIONS (mm)	TOTAL WEIGHT kg)	SIMPLE EXTERNAL DRW	WIRING DIAGRAM	MODEL
SE2006GK-C	2	33,3	5,8	1171	1076	1,09	71	1,4	1,25	2,8	1 1/4"-12 UNF 2A	22,4		3/4"-16 UNF 2A	12,92	424	168	191X191	239X239	32	LBP_2-6HP	SM30	**SE2006GK-C**
SE2008GK-C	2,5	42	7,3	1495	1379	1,08	71	1,4	1,25	3,5	1 1/4"-12 UNF 2A	22,4		3/4"-16 UNF 2A	12,92	424	168	191X191	239X239	32	LBP_2-6HP	SM30	**SE2008GK-C**
SE2010GK-C	3	46,6	8,1	1756	1609	1,09	71	1,4	1,25	3,5	1 1/4"-12 UNF 2A	22,4		3/4"-16 UNF 2A	12,92	424	168	191X191	239X239	32	LBP_2-6HP	SM30	**SE2010GK-C**
SE2014GK-C	4	67,8	11,8	2656	2216	1,20	73	1,4	1,25	4,5	1 1/4"-12 UNF 2A	22,4		3/4"-16 UNF 2A	12,92	424	168	191X191	239X239	34	LBP_2-6HP	SM30	**SE2014GK-C**

Note: *Subject to modification without prior notification.*

GENERAL DATA & PERFORMANCE

R449A - MBP 1~ (Testing Voltage 220V/50Hz)

MODEL	PARAMETER	CONDENSING TEMP. (°C)	EVAPORATING TEMPERATURE (°C)								
			-30	-25	-20	-15	-10	-5	0	5	10
SE6015GK-C	COOLING CAPACITY (W)	65					2375	2972	3651	4432	5335
		60				2169	2726	3352	4071	4901	5864
		55			1940	2459	3038	3697	4458	5341	6368
		50		1691	2177	2711	3316	4011	4818	5758	6850
		45	1428	1884	2378	2931	3565	4299	5156	6155	7317
		40	1585	2043	2549	3124	3790	4567	5475	6537	7772
		35	1710	2172	2693	3294	3995	4817	5782	6909	8220
		30	1806	2277	2816	3446	4185	5057	6080	7276	8667
		25	1880	2362	2923	3584	4366	5289	6374	7643	
		20	1935	2432	3018	3714	4541	5519	6670		
		15	1977	2492	3106	3840	4715	5752			
		10	2010	2546	3191	3967	4894				
	POWER INPUT (W)	65					2665	2784	2900	3013	3119
		60				2264	2378	2491	2602	2708	2809
		55			1924	2030	2137	2244	2349	2449	2544
		50		1640	1736	1835	1936	2036	2135	2229	2317
		45	1407	1490	1579	1672	1766	1860	1951	2039	2121
		40	1289	1365	1447	1533	1620	1707	1792	1872	1947
		35	1189	1258	1332	1410	1490	1570	1648	1721	1789
		30	1998	1160	1227	1297	1369	1442	1512	1578	1638
		25	1010	1064	1123	1185	1250	1314	1377	1435	
		20	1935	962	1013	1067	1124	1180	1234		
		15	810	847	889	935	983	1032			
		10	683	711	745	782	822				
SE6018GK-C	COOLING CAPACITY (W)	65					2835	3548	4359	5291	6369
		60				2590	3254	4002	4860	5851	7001
		55			2316	2935	3626	4414	5322	6377	7602
		50		2019	2599	3237	3958	4789	5752	6874	8178
		45	1705	2249	2839	3500	4256	5133	6155	7347	8735
		40	1892	2438	3043	3730	4524	5452	6536	7804	9278
		35	2041	2593	3215	3932	4769	5751	6902	8248	9813
		30	2156	2718	3362	4113	4997	6037	7258	8687	10346
		25	2244	2820	3490	4279	5212	6314	7610	9124	
		20	1935	2903	3603	4434	5421	6589	7963		
		15	2360	2975	3708	4584	5629	6867			
		10	2400	3040	3810	4736	5842				
	POWER INPUT (W)	65					3109	3248	3384	3515	3639
		60				2641	2774	2906	3035	3160	3277
		55			2245	2368	2493	2618	2740	2858	2968
		50		1913	2025	2141	2258	2376	2490	2600	2703
		45	1641	1739	1842	1950	2060	2170	2277	2379	2474
		40	1504	1593	1689	1788	1890	1991	2090	2184	2272
		35	1387	1467	1554	1645	1739	1832	1922	2008	2087
		30	1281	1353	1431	1513	1598	1682	1764	1841	1911
		25	1179	1241	1310	1383	1458	1533	1606	1674	
		20	1935	1122	1181	1245	1311	1377	1440		
		15	945	988	1037	1091	1147	1203			
		10	797	830	869	913	959				

MODEL	PARAMETER	CONDENSING TEMP. (°C)	EVAPORATING TEMPERATURE (°C)								
			-30	-25	-20	-15	-10	-5	0	5	10
SE6021GK-C	COOLING CAPACITY (W)	65					3229	4041	4964	6025	7253
		60				2949	3706	4558	5534	6663	7973
		55			2637	3343	4130	5026	6061	7262	8657
		50		2299	2959	3686	4508	5453	6551	7828	9313
		45	1942	2561	3233	3985	4847	5845	7009	8367	9948
		40	2155	2777	3465	4247	5152	6208	7444	8887	10566
		35	2324	2953	3661	4478	5431	6549	7861	9393	11176
		30	2456	3095	3829	4684	5690	6875	8266	9892	11783
		25	2556	3211	3974	4873	5935	7190	8666	10391	
		20	1935	3306	4103	5049	6173	7503	9068		
		15	2688	3388	4223	5221	6410	7820			
		10	2733	3462	4339	5393	6653				
	POWER INPUT (W)	65					3462	3616	3768	3914	4052
		60				2941	3088	3235	3379	3518	3649
		55			2499	2637	2776	2915	3051	3182	3305
		50		2130	2254	2383	2514	2645	2773	2895	3010
		45	1827	1936	2051	2171	2294	2416	2535	2649	2755
		40	1674	1774	1880	1991	2104	2217	2327	2432	2529
		35	1544	1634	1731	1832	1936	2039	2140	2236	2324
		30	1427	1506	1593	1685	1779	1873	1964	2050	2128
		25	1312	1382	1458	1540	1623	1707	1788	1864	
		20	1935	1249	1315	1386	1460	1533	1603		
		15	1053	1100	1155	1215	1277	1340			
		10	888	924	967	1016	1067				
SE6030GK-C	COOLING CAPACITY (W)	65					4616	5778	7097	8614	10371
		60				4217	5298	6516	7912	9527	11399
		55			3771	4779	5905	7186	8666	10383	12378
		50		3287	4231	5270	6445	7797	9366	11192	13316
		45	2776	3662	4622	5698	6930	8357	10022	11963	14223
		40	3081	3970	4954	6073	7367	8877	10643	12706	15107
		35	3323	4222	5235	6403	7766	9364	11239	13430	15978
		30	3511	4426	5475	6698	8136	9829	11818	14144	16846
		25	3654	4591	5682	6967	8486	10281	12391	14857	
		20	1935	4727	5866	7219	8826	10728	12965		
		15	3843	4844	6037	7464	9165	11181			
		10	3908	4949	6204	7711	9512				
	POWER INPUT (W)	65					4635	4842	5045	5241	5426
		60				3938	4136	4332	4525	4711	4886
		55			3347	3531	3717	3903	4086	4261	4425
		50		2852	3019	3192	3367	3542	3713	3877	4030
		45	2447	2592	2747	2908	3072	3235	3394	3547	3689
		40	2242	2375	2517	2666	2818	2969	3116	3257	3387
		35	2068	2188	2317	2453	2592	2731	2866	2994	3112
		30	1911	2017	2134	2256	2382	2508	2630	2745	2850
		25	1757	1850	1953	2062	2174	2286	2394	2496	
		20	1935	1673	1761	1856	1954	2052	2147		
		15	1409	1473	1547	1627	1711	1794			
		10	1189	1237	1296	1361	1429				

Testing conditions: Return Gas Temperature 20°C, No subcooling Superheat 11,1 K, No subcooling

Subject to modification without prior notification

GENERAL DATA & PERFORMANCE

R449A - MBP 3~ (Testing Voltage 380V/50Hz)

MODEL	PARAMETER	CONDENSING TEMP. (°C)	EVAPORATING TEMPERATURE (°C)								
			-30	-25	-20	-15	-10	-5	0	5	10
SE6015GS-0	COOLING CAPACITY (W)	65					2375	2972	3651	4432	5335
		60				2169	2726	3352	4071	4901	5864
		55			1940	2459	3038	3697	4458	5341	6368
		50		1691	2177	2711	3316	4011	4818	5758	6850
		45	1428	1884	2378	2931	3565	4299	5156	6155	7317
		40	1585	2043	2549	3124	3790	4567	5475	6537	7772
		35	1710	2172	2693	3294	3995	4817	5782	6909	8220
		30	1806	2277	2816	3446	4185	5057	6080	7276	8667
		25	1880	2362	2923	3584	4366	5289	6374	7643	
		20	1935	2432	3018	3714	4541	5519	6670		
		15	1977	2492	3106	3840	4715	5752			
		10	2010	2546	3191	3967	4894				
	POWER INPUT (W)	65					2619	2736	2850	2961	3065
		60				2225	2337	2448	2557	2661	2760
		55			1891	1995	2100	2205	2308	2407	2500
		50		1611	1706	1803	1902	2001	2098	2190	2277
		45	1382	1465	1552	1643	1735	1828	1918	2004	2084
		40	1267	1342	1422	1506	1592	1677	1761	1840	1914
		35	1168	1236	1309	1386	1465	1543	1619	1692	1758
		30	1079	1140	1205	1275	1346	1417	1486	1551	1610
		25	993	1045	1103	1165	1228	1291	1353	1410	
		20	1935	945	995	1049	1104	1160	1213		
		15	796	832	874	919	966	1014			
		10	672	699	732	769	808				
SE6018GS-0	COOLING CAPACITY (W)	65					2835	3548	4359	5291	6369
		60				2590	3254	4002	4860	5851	7001
		55			2316	2935	3626	4414	5322	6377	7602
		50		2019	2599	3237	3958	4789	5752	6874	8178
		45	1705	2249	2839	3500	4256	5133	6155	7347	8735
		40	1892	2438	3043	3730	4524	5452	6536	7804	9278
		35	2041	2593	3215	3932	4769	5751	6902	8248	9813
		30	2156	2718	3362	4113	4997	6037	7258	8687	10346
		25	2244	2820	3490	4279	5212	6314	7610	9124	
		20	1935	2903	3603	4434	5421	6589	7963		
		15	2360	2975	3708	4584	5629	6867			
		10	2400	3040	3810	4736	5842				
	POWER INPUT (W)	65					2957	3090	3219	3344	3462
		60				2513	2639	2764	2887	3006	3117
		55			2135	2253	2372	2490	2607	2718	2823
		50		1820	1926	2036	2148	2260	2369	2474	2572
		45	1561	1654	1753	1855	1960	2064	2166	2263	2354
		40	1431	1515	1606	1701	1798	1894	1988	2078	2161
		35	1319	1396	1479	1565	1654	1742	1829	1910	1985
		30	1219	1287	1361	1440	1520	1600	1678	1751	1818
		25	1121	1180	1246	1315	1387	1458	1528	1593	
		20	1935	1067	1124	1184	1247	1310	1370		
		15	899	940	987	1038	1091	1145			
		10	758	789	827	868	912				

MODEL	PARAMETER	CONDENSING TEMP. (°C)	EVAPORATING TEMPERATURE (°C)								
			-30	-25	-20	-15	-10	-5	0	5	10
SE6021GS-0	COOLING CAPACITY (W)	65					3229	4041	4964	6025	7253
		60				2949	3706	4558	5534	6663	7973
		55			2637	3343	4130	5026	6061	7262	8657
		50		2299	2959	3686	4508	5453	6551	7828	9313
		45	1942	2561	3233	3985	4847	5845	7009	8367	9948
		40	2155	2777	3465	4247	5152	6208	7444	8887	10566
		35	2324	2953	3661	4478	5431	6549	7861	9393	11176
		30	2456	3095	3829	4684	5690	6875	8266	9892	11783
		25	2556	3211	3974	4873	5935	7190	8666	10391	
		20	1935	3306	4103	5049	6173	7503	9068		
		15	2688	3388	4223	5221	6410	7820			
		10	2733	3462	4339	5393	6653				
	POWER INPUT (W)	65					3279	3426	3569	3708	3839
		60				2786	2926	3065	3202	3333	3456
		55			2368	2498	2630	2762	2890	3014	3131
		50		2018	2136	2258	2382	2506	2627	2743	2851
		45	1731	1834	1943	2057	2173	2289	2401	2509	2610
		40	1586	1680	1781	1886	1993	2100	2205	2304	2396
		35	1463	1548	1640	1736	1834	1932	2028	2118	2202
		30	1352	1427	1509	1596	1685	1774	1860	1942	2016
		25	1243	1309	1381	1459	1538	1617	1694	1766	
		20	1935	1184	1246	1313	1383	1452	1519		
		15	997	1042	1094	1151	1210	1269			
		10	841	875	917	963	1011				
SE6030GS-0	COOLING CAPACITY (W)	65					4616	5778	7097	8614	10371
		60				4217	5298	6516	7912	9527	11399
		55			3771	4779	5905	7186	8666	10383	12378
		50		3287	4231	5270	6445	7797	9366	11192	13316
		45	2776	3662	4622	5698	6930	8357	10022	11963	14223
		40	3081	3970	4954	6073	7367	8877	10643	12706	15107
		35	3323	4222	5235	6403	7766	9364	11239	13430	15978
		30	3511	4426	5475	6698	8136	9829	11818	14144	16846
		25	3654	4591	5682	6967	8486	10281	12391	14857	
		20	1935	4727	5866	7219	8826	10728	12965		
		15	3843	4844	6037	7464	9165	11181			
		10	3908	4949	6204	7711	9512				
	POWER INPUT (W)	65					4544	4747	4946	5138	5319
		60				3861	4055	4247	4437	4618	4790
		55			3281	3461	3644	3827	4005	4177	4338
		50		2796	2960	3129	3301	3472	3640	3801	3951
		45	2399	2541	2693	2851	3011	3171	3328	3477	3617
		40	2198	2328	2468	2614	2762	2911	3055	3193	3321
		35	2027	2145	2272	2405	2541	2677	2810	2935	3051
		30	1873	1978	2092	2212	2335	2458	2578	2691	2794
		25	1723	1814	1914	2021	2131	2241	2347	2447	
		20	1935	1640	1727	1820	1916	2012	2105		
		15	1382	1444	1516	1595	1677	1759			
		10	1165	1213	1270	1334	1401				

CONTINUE...

Testing conditions: Return Gas Temperature 20°C, No subcooling Superheat 11,1 K, No subcooling

Subject to modification without prior notification

R449A - MBP 3~ (Testing Voltage 380V/50Hz)

...FOLLOW

MODEL	PARAMETER	CONDENSING TEMP. (°C)	EVAPORATING TEMPERATURE (°C)								
			-30	-25	-20	-15	-10	-5	0	5	10
SE6036GS-0	COOLING CAPACITY (W)	65					5670	7097	8717	10581	12739
		60				5179	6508	8004	9719	11702	14002
		55			4631	5871	7253	8827	10644	12753	15204
		50		4038	5197	6474	7917	9577	11504	13747	16356
		45	3410	4498	5678	6999	8512	10265	12310	14695	17470
		40	3785	4877	6085	7459	9049	10903	13073	15607	18556
		35	4082	5186	6430	7865	9539	11502	13805	16496	19627
		30	4313	5436	6724	8227	9993	12073	14517	17373	20693
		25	4488	5640	6979	8557	10424	12628	15220	18249	
		20	1935	5807	7206	8868	10842	13178	15926		
		15	4721	5950	7416	9169	11258	13734			
		10	4800	6079	7620	9472	11684				
	POWER INPUT (W)	65					5471	5716	5955	6186	6404
		60				4648	4882	5114	5341	5560	5767
		55			3950	4167	4388	4607	4822	5029	5223
		50		3367	3563	3767	3974	4181	4383	4576	4757
		45	2888	3060	3242	3432	3625	3818	4007	4187	4354
		40	2647	2803	2971	3147	3326	3504	3678	3844	3998
		35	2441	2582	2735	2896	3060	3223	3383	3534	3673
		30	2255	2381	2518	2663	2812	2960	3104	3240	3364
		25	2074	2184	2305	2433	2566	2698	2826	2946	
		20	1935	1975	2079	2191	2307	2423	2534		
		15	1664	1739	1826	1921	2019	2118			
		10	1403	1460	1529	1606	1687				
SE6043GS-0	COOLING CAPACITY (W)	65					6738	8433	10358	12573	15136
		60				6154	7733	9511	11549	13904	16638
		55			5503	6976	8618	10489	12648	15154	18066
		50		4798	6175	7692	9407	11380	13670	16335	19435
		45	4052	5345	6747	8317	10114	12198	14627	17461	20758
		40	4497	5795	7231	8863	10752	12956	15534	18545	22049
		35	4850	6162	7641	9345	11334	13667	16403	19602	23321
		30	5124	6460	7990	9775	11874	14346	17249	20643	24588
		25	5333	6701	8293	10168	12386	15005	18085	21684	
		20	1935	6900	8562	10537	12882	15658	18923		
		15	5609	7070	8812	10894	13377	16319			
		10	5704	7224	9054	11255	13884				
	POWER INPUT (W)	65					6501	6791	7076	7350	7610
		60				5523	5800	6076	6347	6607	6852
		55			4694	4952	5214	5475	5730	5976	6206
		50		4000	4234	4476	4722	4968	5208	5438	5653
		45	3432	3636	3853	4078	4308	4537	4761	4975	5174
		40	3145	3331	3531	3739	3952	4164	4371	4568	4751
		35	2900	3069	3250	3441	3636	3830	4019	4199	4364
		30	2680	2829	2992	3164	3341	3517	3688	3850	3997
		25	2465	2595	2739	2892	3049	3206	3358	3501	
		20	1935	2347	2470	2604	2741	2879	3011		
		15	1977	2066	2169	2282	2399	2516			
		10	1667	1735	1817	1908	2005				

MODEL	PARAMETER	CONDENSING TEMP. (°C)	EVAPORATING TEMPERATURE (°C)								
			-30	-25	-20	-15	-10	-5	0	5	10
SE6053GS-0	COOLING CAPACITY (W)	65					8165	10220	12553	15237	18344
		60				7458	9371	11526	13996	16851	20163
		55			6669	8454	10444	12711	15328	18365	21894
		50		5815	7484	9322	11400	13791	16566	19796	23553
		45	4911	6477	8176	10079	12257	14782	17726	21160	25157
		40	5450	7023	8763	10741	13030	15701	18825	22475	26721
		35	5878	7468	9260	11325	13736	16563	19879	23755	28262
		30	6210	7828	9683	11847	14390	17385	20904	25017	29797
		25	6463	8121	10050	12323	15010	18184	21916	26278	
		20	1935	8362	10376	12769	15612	18976	22933		
		15	6798	8568	10679	13203	16211	19776			
		10	6912	8754	10973	13639	16825				
	POWER INPUT (W)	65					7879	8230	8575	8908	9222
		60				6694	7029	7364	7692	8007	8304
		55			5688	6001	6318	6635	6944	7242	7521
		50		4848	5131	5425	5723	6020	6311	6590	6851
		45	4159	4406	4669	4942	5221	5498	5769	6029	6270
		40	3811	4037	4279	4532	4789	5046	5297	5536	5757
		35	3515	3719	3939	4170	4406	4642	4871	5089	5289
		30	3247	3429	3626	3835	4049	4262	4470	4665	4844
		25	2987	3145	3319	3504	3695	3885	4070	4243	
		20	1935	2844	2994	3155	3322	3489	3650		
		15	2396	2504	2629	2766	2908	3050			
		10	2020	2103	2202	2313	2429				
SE6056GS-0	COOLING CAPACITY (W)	65					8601	10765	13223	16050	19322
		60				7856	9871	12141	14742	17749	21239
		55			7025	8905	11001	13389	16145	19344	23062
		50		6125	7883	9819	12009	14527	17450	20852	24810
		45	5172	6823	8612	10617	12911	15571	18672	22289	26499
		40	5741	7397	9230	11314	13725	16538	19829	23674	28147
		35	6191	7866	9754	11929	14468	17447	20939	25022	29770
		30	6541	8246	10200	12479	15158	18313	22019	26352	31387
		25	6808	8554	10586	12980	15811	19154	23086	27680	
		20	1935	8808	10930	13450	16445	19988	24156		
		15	7161	9025	11248	13907	17076	20832			
		10	7281	9221	11558	14367	17723				
	POWER INPUT (W)	65					8299	8670	9033	9383	9714
		60				7051	7404	7757	8102	8434	8747
		55			5992	6321	6655	6989	7315	7628	7922
		50		5107	5405	5714	6028	6341	6648	6941	7216
		45	4381	4641	4918	5206	5499	5792	6077	6350	6605
		40	4014	4252	4507	4773	5045	5315	5580	5831	6064
		35	3702	3917	4149	4392	4641	4889	5131	5360	5571
		30	3421	3612	3820	4040	4265	4490	4708	4914	5102
		25	3146	3312	3496	3691	3892	4093	4287	4469	
		20	1935	2995	3154	3324	3499	3675	3844		
		15	2524	2638	2769	2913	3063	3212			
		10	2128	2215	2320	2436	2559				

CONTINUE...

Testing conditions: Return Gas Temperature 20°C, No subcooling Superheat 11,1 K, No subcooling

Subject to modification without prior notification

GENERAL DATA & PERFORMANCE

R449A - MBP 3~ (Testing Voltage 380V/50Hz)

...FOLLOW

MODEL	PARAMETER	CONDENSING TEMP. (°C)	EVAPORATING TEMPERATURE (°C)								
			-30	-25	-20	-15	-10	-5	0	5	10
SE6067GS-0	COOLING CAPACITY (W)	65					10568	13227	16247	19721	23742
		60				9653	12129	14918	18114	21809	26096
		55			8632	10942	13517	16452	19838	23769	28337
		50		7526	9686	12065	14755	17850	21441	25621	30484
		45	6356	8383	10582	13045	15864	19132	22943	27388	32560
		40	7054	9089	11341	13902	16864	20321	24365	29089	34585
		35	7607	9665	11984	14658	17778	21437	25729	30745	36580
		30	8038	10132	12533	15333	18625	22502	27056	32379	38566
		25	8365	10511	13008	15949	19427	23535	28366	34012	
		20	1935	10823	13430	16527	20206	24560	29682		
		15	8799	11089	13821	17088	20982	25596			
		10	8946	11331	14202	17653	21777				
	POWER INPUT (W)	65					10197	10653	11099	11529	11936
		60				8664	9098	9531	9955	10363	10748
		55			7362	7767	8178	8587	8988	9373	9735
		50		6275	6641	7021	7407	7792	8168	8529	8867
		45	5383	5702	6043	6397	6757	7116	7467	7803	8115
		40	4933	5225	5538	5865	6199	6531	6856	7165	7451
		35	4549	4813	5098	5397	5703	6008	6305	6586	6846
		30	4203	4438	4694	4963	5240	5516	5785	6038	6269
		25	3866	4070	4296	4535	4782	5029	5268	5492	
		20	1935	3681	3875	4084	4300	4515	4724		
		15	3101	3241	3403	3579	3763	3947			
		10	2615	2721	2850	2993	3144				
SE6078GS-0	COOLING CAPACITY (W)	65					11912	14909	18312	22228	26760
		60				10880	13671	16815	20417	24582	29414
		55			9729	12333	15236	18544	22360	26791	31939
		50		8483	10918	13599	16631	20119	24167	28879	34360
		45	7164	9449	11928	14703	17881	21565	25859	30869	36699
		40	7951	10245	12783	15669	19008	22905	27463	32787	38981
		35	8575	10894	13508	16521	20038	24163	29000	34654	41230
		30	9059	11420	14126	17282	20993	25362	30495	36496	43469
		25	9429	11847	14661	17977	21897	26528	31972	38336	
		20	1935	12199	15137	18628	22775	27682	33455		
		15	9917	12499	15578	19260	23650	28850			
		10	10083	12771	16007	19897	24545				
	POWER INPUT (W)	65					11493	12007	12510	12995	13453
		60				9765	10255	10743	11221	11681	12114
		55			8298	8754	9217	9679	10131	10564	10972
		50		7072	7485	7914	8349	8783	9207	9613	9994
		45	6067	6427	6811	7210	7616	8021	8417	8795	9147
		40	5560	5889	6242	6611	6987	7362	7727	8076	8399
		35	5127	5425	5746	6083	6428	6771	7106	7424	7716
		30	4738	5002	5290	5594	5906	6218	6520	6806	7066
		25	4357	4587	4842	5112	5390	5668	5937	6190	
		20	1935	4149	4368	4603	4846	5089	5324		
		15	3495	3653	3835	4034	4242	4449			
		10	2947	3067	3212	3374	3544				

MODEL	PARAMETER	CONDENSING TEMP. (°C)	EVAPORATING TEMPERATURE (°C)								
			-30	-25	-20	-15	-10	-5	0	5	10
SE6085GS-0	COOLING CAPACITY (W)	65					13033	16311	20035	24319	29278
		60				11904	14957	18397	22338	26895	32181
		55			10645	13493	16669	20288	24464	29312	34944
		50		9281	11945	14878	18196	22012	26440	31596	37593
		45	7838	10338	13050	16087	19563	23594	28292	33774	40152
		40	8699	11209	13986	17144	20797	25060	30046	35871	42649
		35	9381	11919	14779	18076	21923	26436	31728	37915	45109
		30	9912	12495	15455	18908	22968	27748	33364	39930	47559
		25	10316	12962	16041	19668	23957	29023	34980	41943	
		20	1935	13346	16562	20381	24918	30287	36603		
		15	10850	13675	17044	21072	25875	31565			
		10	11032	13973	17514	21769	26855				
	POWER INPUT (W)	65					12450	13006	13551	14077	14573
		60				10578	11108	11637	12155	12653	13123
		55			8989	9483	9985	10485	10974	11444	11886
		50		7661	8109	8573	9044	9514	9973	10414	10826
		45	6572	6963	7378	7810	8250	8689	9117	9527	9908
		40	6023	6379	6762	7161	7568	7974	8371	8748	9098
		35	5554	5877	6225	6590	6963	7335	7698	8042	8358
		30	5132	5418	5731	6060	6398	6735	7063	7373	7655
		25	4720	4969	5245	5538	5839	6140	6432	6705	
		20	1935	4494	4731	4986	5250	5513	5767		
		15	3786	3957	4155	4370	4595	4819			
		10	3193	3323	3480	3655	3839				
SE6089GS-0	COOLING CAPACITY (W)	65					13705	17153	21069	25574	30788
		60				12518	15729	19346	23491	28282	33842
		55			11194	14189	17529	21335	25727	30824	36747
		50		9760	12561	15646	19135	23148	27805	33226	39532
		45	8242	10872	13723	16917	20573	24811	29752	35516	42224
		40	9147	11787	14707	18028	21870	26353	31597	37722	44849
		35	9865	12534	15541	19008	23054	27800	33365	39871	47437
		30	10423	13139	16253	19884	24153	29180	35086	41990	50013
		25	10848	13630	16868	20683	25194	30521	36785	44107	
		20	1935	14035	17416	21432	26203	31850	38491		
		15	11410	14380	17923	22160	27210	33193			
		10	11601	14693	18417	22893	28240				
	POWER INPUT (W)	65					13093	13677	14251	14803	15325
		60				11124	11682	12237	12782	13306	13800
		55			9453	9973	10500	11026	11540	12034	12499
		50		8057	8527	9015	9510	10005	10488	10951	11385
		45	6911	7322	7759	8213	8676	9137	9588	10018	10420
		40	6333	6709	7111	7531	7959	8386	8803	9199	9567
		35	5841	6180	6546	6930	7322	7714	8095	8457	8790
		30	5397	5698	6026	6373	6728	7083	7428	7753	8050
		25	4964	5226	5515	5823	6140	6457	6763	7051	
		20	1935	4726	4975	5243	5520	5797	6065		
		15	3981	4161	4369	4596	4832	5068			
		10	3357	3494	3659	3843	4037				

Testing conditions: Return Gas Temperature 20°C, No subcooling Superheat 11,1 K, No subcooling

Subject to modification without prior notification

GENERAL DATA & PERFORMANCE

R449A - LBP 1~ (Testing Voltage 220V/50Hz)

MODEL	PARAMETER	CONDENSING TEMP. (°C)	EVAPORATING TEMPERATURE (°C)								
			-40	-35	-30	-25	-20	-15	-10	-5	0
SE2006GK-C	COOLING CAPACITY (W)	60				1375	1688	2070	2531	3083	3734
		55	812	994	1217	1490	1825	2231	2718	3296	3977
		50	860	1062	1305	1601	1960	2392	2906	3514	4225
		45	898	1121	1387	1708	2093	2552	3096	3735	4479
		40	925	1171	1462	1809	2222	2711	3287	3959	4737
		35	940	1211	1529	1904	2348	2869	3478	4185	5000
		30	943	1241	1588	1994	2469	3024	3669	4413	5267
		25	932	1259	1637	2076	2586	3176	3858	4642	5537
	POWER INPUT (W)	60				1880	1952	2029	2110	2193	2276
		55	1482	1529	1587	1652	1724	1801	1880	1960	2039
		50	1294	1344	1402	1467	1538	1613	1689	1765	1839
		45	1144	1195	1253	1318	1387	1458	1530	1601	1669
		40	1025	1076	1133	1196	1262	1330	1397	1462	1523
		35	930	979	1035	1095	1157	1220	1281	1340	1393
		30	850	898	951	1007	1065	1122	1176	1227	1271
		25	779	825	874	925	977	1027	1074	1116	1151
SE2008GK-C	COOLING CAPACITY (W)	60				1756	2155	2643	3232	3936	4768
		55	1037	1269	1553	1903	2330	2848	3470	4209	5078
		50	1099	1355	1666	2045	2503	3054	3711	4487	5395
		45	1147	1431	1771	2181	2672	3259	3954	4769	5719
		40	1181	1495	1867	2310	2837	3462	4197	5055	6049
		35	1200	1546	1952	2432	2998	3663	4441	5344	6385
		30	1204	1584	2027	2546	3153	3861	4684	5635	6725
		25	1190	1608	2091	2651	3302	4056	4927	5927	7070
	POWER INPUT (W)	60				2410	2502	2601	2705	2812	2919
		55	1900	1961	2034	2118	2210	2308	2410	2512	2614
		50	1659	1722	1797	1881	1972	2068	2165	2262	2357
		45	1467	1532	1607	1689	1778	1869	1962	2053	2140
		40	1315	1379	1453	1533	1618	1705	1791	1874	1953
		35	1192	1256	1327	1404	1484	1564	1643	1718	1786
		30	1090	1151	1219	1291	1365	1438	1508	1573	1630
		25	999	1057	1120	1186	1253	1317	1377	1431	1476

MODEL	PARAMETER	CONDENSING TEMP. (°C)	EVAPORATING TEMPERATURE (°C)								
			-40	-35	-30	-25	-20	-15	-10	-5	0
SE2010GK-C	COOLING CAPACITY (W)	60				2063	2531	3104	3797	4624	5601
		55	1218	1491	1825	2235	2737	3346	4077	4945	5965
		50	1291	1592	1958	2402	2940	3587	4359	5271	6338
		45	1347	1681	2081	2561	3139	3828	4644	5603	6718
		40	1387	1756	2193	2713	3333	4067	4930	5938	7106
		35	1410	1816	2293	2857	3522	4303	5217	6277	7501
		30	1414	1861	2381	2991	3704	4536	5503	6619	7900
		25	1398	1889	2456	3114	3878	4764	5787	6962	8305
	POWER INPUT (W)	60				2811	2919	3035	3156	3281	3405
		55	2217	2287	2373	2471	2579	2693	2811	2931	3049
		50	1936	2010	2097	2195	2301	2412	2526	2640	2750
		45	1712	1787	1874	1971	2074	2181	2289	2395	2497
		40	1534	1609	1695	1789	1888	1989	2089	2187	2279
		35	1391	1465	1548	1638	1731	1825	1917	2004	2084
		30	1272	1343	1422	1506	1592	1677	1759	1835	1902
		25	1166	1233	1307	1384	1461	1536	1607	1669	1722
SE2014GK-C	COOLING CAPACITY (W)	60				3120	3829	4696	5744	6995	8474
		55	1842	2255	2761	3381	4141	5062	6167	7480	9024
		50	1952	2409	2962	3633	4448	5427	6595	7974	9588
		45	2038	2543	3148	3875	4749	5791	7026	8476	10164
		40	2099	2656	3317	4105	5042	6153	7459	8984	10750
		35	2133	2747	3469	4322	5328	6510	7892	9497	11347
		30	2139	2815	3603	4524	5603	6862	8325	10014	11952
		25	2116	2858	3715	4711	5867	7208	8755	10533	12564
	POWER INPUT (W)	60				3872	4020	4179	4347	4518	4689
		55	3052	3150	3268	3403	3551	3709	3872	4036	4199
		50	2666	2767	2888	3023	3169	3322	3479	3635	3788
		45	2357	2461	2581	2714	2856	3004	3152	3298	3439
		40	2112	2216	2335	2464	2600	2739	2877	3012	3138
		35	1915	2017	2132	2255	2384	2513	2639	2760	2870
		30	1751	1850	1959	2074	2193	2310	2423	2527	2619
		25	1605	1699	1800	1906	2012	2116	2213	2299	2371

Testing conditions: Return Gas Temperature 20°C, No subcooling

Subject to modification without prior notification

GENERAL DATA & PERFORMANCE

R449A - LBP 3~ (Testing Voltage 380V/50Hz)

MODEL	PARAMETER	CONDENSING TEMPER. (°C)	EVAPORATING TEMPERATURE (°C)								
			-40	-35	-30	-25	-20	-15	-10	-5	0
SE2006GS-0	COOLING CAPACITY (W)	60				1375	1688	2070	2531	3083	3734
		55	812	994	1217	1490	1825	2231	2718	3296	3977
		50	860	1062	1305	1601	1960	2392	2906	3514	4225
		45	898	1121	1387	1708	2093	2552	3096	3735	4479
		40	925	1171	1462	1809	2222	2711	3287	3959	4737
		35	940	1211	1529	1904	2348	2869	3478	4185	5000
		30	943	1241	1588	1994	2469	3024	3669	4413	5267
		25	932	1259	1637	2076	2586	3176	3858	4642	5537
	POWER INPUT (W)	60				1864	1935	2012	2092	2175	2257
		55	1469	1516	1573	1638	1709	1785	1864	1943	2021
		50	1283	1332	1390	1455	1525	1599	1674	1750	1823
		45	1135	1185	1243	1307	1375	1446	1517	1588	1655
		40	1017	1067	1124	1186	1251	1318	1385	1450	1510
		35	922	971	1026	1086	1147	1209	1270	1328	1381
		30	843	890	943	999	1055	1112	1166	1216	1261
		25	773	818	866	917	969	1018	1065	1107	1141
SE2008GS-0	COOLING CAPACITY (W)	60				1756	2155	2643	3232	3936	4768
		55	1037	1269	1553	1903	2330	2848	3470	4209	5078
		50	1099	1355	1666	2045	2503	3054	3711	4487	5395
		45	1147	1431	1771	2181	2672	3259	3954	4769	5719
		40	1181	1495	1867	2310	2837	3462	4197	5055	6049
		35	1200	1546	1952	2432	2998	3663	4441	5344	6385
		30	1204	1584	2027	2546	3153	3861	4684	5635	6725
		25	1190	1608	2091	2651	3302	4056	4927	5927	7070
	POWER INPUT (W)	60				2362	2452	2549	2651	2756	2860
		55	1862	1921	1994	2076	2166	2262	2362	2462	2561
		50	1626	1688	1761	1844	1933	2026	2122	2217	2310
		45	1438	1501	1575	1656	1742	1832	1923	2012	2098
		40	1288	1352	1424	1503	1586	1671	1755	1837	1914
		35	1168	1231	1301	1376	1454	1533	1610	1683	1750
		30	1068	1128	1195	1265	1338	1409	1478	1541	1598
		25	979	1036	1098	1162	1227	1291	1350	1402	1446
SE2010GS-0	COOLING CAPACITY (W)	60				2063	2531	3104	3797	4624	5601
		55	1218	1491	1825	2235	2737	3346	4077	4945	5965
		50	1291	1592	1958	2402	2940	3587	4359	5271	6338
		45	1347	1681	2081	2561	3139	3828	4644	5603	6718
		40	1387	1756	2193	2713	3333	4067	4930	5938	7106
		35	1410	1816	2293	2857	3522	4303	5217	6277	7501
		30	1414	1861	2381	2991	3704	4536	5503	6619	7900
		25	1398	1889	2456	3114	3878	4764	5787	6962	8305
	POWER INPUT (W)	60				2747	2852	2965	3084	3206	3327
		55	2166	2235	2319	2415	2520	2632	2747	2864	2980
		50	1891	1964	2049	2145	2248	2357	2468	2579	2688
		45	1673	1746	1832	1926	2027	2131	2237	2340	2440
		40	1499	1572	1657	1748	1845	1943	2042	2137	2226
		35	1359	1431	1513	1600	1691	1783	1873	1958	2036
		30	1242	1313	1390	1472	1556	1639	1719	1793	1858
		25	1139	1205	1277	1352	1428	1501	1570	1631	1682

MODEL	PARAMETER	CONDENSING TEMPER. (°C)	EVAPORATING TEMPERATURE (°C)								
			-40	-35	-30	-25	-20	-15	-10	-5	0
SE2014GS-0	COOLING CAPACITY (W)	60				3120	3829	4696	5744	6995	8474
		55	1842	2255	2761	3381	4141	5062	6167	7480	9024
		50	1952	2409	2962	3633	4448	5427	6595	7974	9588
		45	2038	2543	3148	3875	4749	5791	7026	8476	10164
		40	2099	2656	3317	4105	5042	6153	7459	8984	10750
		35	2133	2747	3469	4322	5328	6510	7892	9497	11347
		30	2139	2815	3603	4524	5603	6862	8325	10014	11952
		25	2116	2858	3715	4711	5867	7208	8755	10533	12564
	POWER INPUT (W)	60				3791	3936	4093	4256	4424	4592
		55	2989	3085	3201	3333	3478	3632	3791	3953	4112
		50	2610	2710	2828	2960	3103	3253	3406	3560	3709
		45	2308	2410	2528	2658	2797	2941	3087	3230	3368
		40	2068	2170	2286	2413	2546	2682	2818	2949	3073
		35	1875	1976	2088	2209	2334	2461	2585	2702	2810
		30	1715	1812	1918	2031	2147	2262	2372	2475	2565
		25	1572	1663	1763	1866	1971	2072	2167	2251	2322
SE2017GS-0	COOLING CAPACITY (W)	60				3702	4543	5572	6815	8300	10054
		55	2186	2676	3275	4012	4913	6005	7317	8875	10706
		50	2316	2858	3514	4311	5277	6439	7824	9461	11375
		45	2418	3017	3734	4598	5634	6871	8336	10056	12058
		40	2490	3152	3936	4870	5983	7300	8849	10659	12755
		35	2531	3260	4116	5127	6321	7724	9364	11267	13462
		30	2538	3340	4274	5368	6648	8142	9877	11881	14180
		25	2510	3391	4408	5589	6961	8552	10388	12497	14906
	POWER INPUT (W)	60				4354	4520	4700	4888	5080	5273
		55	3432	3542	3675	3827	3993	4170	4354	4539	4722
		50	2997	3112	3247	3399	3563	3735	3912	4088	4259
		45	2651	2767	2903	3052	3212	3377	3545	3709	3867
		40	2375	2492	2625	2770	2923	3080	3236	3387	3528
		35	2153	2269	2398	2536	2680	2826	2968	3103	3227
		30	1969	2080	2203	2333	2466	2598	2724	2842	2945
		25	1805	1910	2024	2143	2263	2379	2488	2585	2666
SE2020GS-0	COOLING CAPACITY (W)	60				4337	5322	6527	7983	9722	11777
		55	2560	3134	3837	4700	5755	7035	8571	10396	12542
		50	2713	3348	4116	5050	6181	7543	9166	11083	13325
		45	2833	3534	4375	5386	6600	8049	9765	11780	14126
		40	2917	3692	4610	5705	7008	8551	10366	12486	14941
		35	2964	3818	4822	6006	7405	9048	10969	13199	15770
		30	2973	3913	5007	6288	7787	9537	11570	13917	16611
		25	2940	3972	5164	6547	8154	10017	12168	14639	17461
	POWER INPUT (W)	60				5060	5254	5463	5681	5905	6129
		55	3990	4117	4272	4448	4642	4848	5060	5276	5489
		50	3484	3617	3774	3951	4142	4342	4547	4751	4951
		45	3081	3217	3374	3548	3733	3926	4120	4311	4495
		40	2760	2897	3051	3220	3398	3580	3761	3936	4101
		35	2503	2637	2787	2948	3115	3284	3450	3607	3751
		30	2289	2418	2560	2711	2866	3019	3167	3303	3423
		25	2098	2220	2353	2491	2630	2766	2892	3005	3099

Testing conditions: Return Gas Temperature 20°C, No subcooling

Subject to modification without prior notification

GENERAL DATA & PERFORMANCE

R452A - MBP 1~ (Testing Voltage 220V/50Hz)

MODEL	PARAMETER	CONDENSING TEMP. (°C)	EVAPORATING TEMPERATURE (°C)								
			-30	-25	-20	-15	-10	-5	0	5	10
SE6015GK-C	COOLING CAPACITY (W)	65				1800	2301	2862	3497	4222	5052
		60		1187	1630	2113	2652	3262	3958	4754	5667
		55	1008	1430	1888	2399	2976	3636	4393	5263	6260
		50	1220	1647	2122	2661	3278	3988	4808	5751	6833
		45	1409	1842	2335	2903	3560	4322	5205	6222	7390
		40	1579	2020	2531	3128	3827	4642	5588	6681	7936
		35	1734	2183	2713	3341	4082	4950	5962	7131	8474
		30	1878	2335	2886	3546	4329	5252	6329	7576	9007
		25	2013	2480	3052	3745	4573	5551	6695	8019	
		20	2145	2623	3217	3943	4815	5850	7062		
		15	2276	2765	3383	4143	5062	6153			
		10	2411	2913	3554	4350	5315				
	POWER INPUT (W)	65				2525	2650	2777	2903	3023	3134
		60		2083	2192	2308	2429	2551	2670	2783	2886
		55	1804	1898	2004	2116	2232	2347	2460	2565	2659
		50	1645	1737	1838	1945	2055	2164	2268	2364	2449
		45	1507	1594	1691	1792	1895	1996	2092	2179	2253
		40	1387	1469	1559	1654	1749	1842	1928	2004	2067
		35	1280	1356	1440	1527	1614	1697	1773	1839	1890
		30	1184	1254	1330	1409	1487	1560	1625	1678	1716
		25	1096	1158	1226	1296	1363	1426	1479	1519	
		20	2145	1066	1125	1185	1241	1292	1332		
		15	929	974	1023	1072	1117	1155			
		10	844	880	918	955	988				
SE6018GK-C	COOLING CAPACITY (W)	65				2148	2747	3417	4175	5041	6031
		60		1417	1946	2523	3166	3894	4725	5676	6766
		55	1203	1707	2254	2864	3553	4341	5245	6283	7473
		50	1456	1966	2534	3177	3913	4761	5739	6865	8157
		45	1682	2200	2788	3465	4250	5160	6213	7428	8822
		40	1886	2411	3022	3735	4569	5541	6671	7976	9474
		35	2070	2606	3239	3989	4873	5910	7117	8513	10116
		30	2241	2787	3445	4233	5168	6270	7556	9044	10753
		25	2403	2961	3644	4471	5459	6627	7992	9574	
		20	2145	3131	3840	4707	5749	6984	8430		
		15	2717	3301	4038	4946	6043	7346			
		10	2878	3477	4243	5193	6345				
	POWER INPUT (W)	65				2946	3092	3240	3386	3526	3656
		60		2430	2557	2693	2834	2976	3115	3247	3367
		55	2104	2215	2337	2468	2604	2739	2870	2992	3102
		50	1919	2026	2144	2269	2397	2524	2646	2758	2857
		45	1758	1860	1972	2091	2211	2329	2440	2542	2628
		40	1618	1714	1819	1929	2041	2149	2249	2339	2412
		35	1493	1582	1680	1782	1883	1980	2069	2145	2205
		30	1381	1463	1552	1644	1734	1820	1896	1958	2002
		25	1278	1351	1431	1512	1591	1663	1725	1772	
		20	2145	1244	1313	1382	1448	1507	1554		
		15	1084	1137	1194	1251	1303	1348			
		10	985	1026	1071	1114	1152				

MODEL	PARAMETER	CONDENSING TEMP. (°C)	EVAPORATING TEMPERATURE (°C)								
			-30	-25	-20	-15	-10	-5	0	5	10
SE6021GK-C	COOLING CAPACITY (W)	65				2447	3128	3891	4755	5740	6868
		60		1614	2216	2873	3606	4435	5381	6464	7705
		55	1370	1944	2567	3261	4047	4943	5973	7155	8510
		50	1659	2239	2885	3618	4456	5422	6536	7818	9289
		45	1916	2505	3175	3946	4840	5876	7076	8459	10047
		40	2147	2746	3441	4253	5203	6311	7597	9083	10789
		35	2358	2967	3689	4543	5550	6730	8105	9695	11520
		30	2553	3174	3923	4820	5886	7141	8605	10300	12246
		25	2737	3372	4150	5091	6217	7547	9102	10903	
		20	2145	3565	4373	5360	6547	7953	9601		
		15	3094	3760	4599	5633	6881	8366			
		10	3278	3960	4832	5914	7226				
	POWER INPUT (W)	65				3280	3443	3608	3771	3926	4071
		60		2706	2847	2998	3155	3314	3468	3615	3749
		55	2343	2466	2603	2748	2899	3049	3195	3331	3454
		50	2137	2256	2387	2526	2669	2810	2946	3071	3181
		45	1958	2071	2196	2328	2461	2593	2717	2830	2926
		40	1801	1908	2025	2148	2272	2392	2504	2604	2686
		35	1662	1762	1871	1984	2097	2205	2304	2388	2455
		30	1538	1629	1728	1830	1931	2026	2110	2180	2229
		25	1423	1505	1593	1683	1771	1852	1921	1973	
		20	2145	1385	1461	1539	1613	1678	1731		
		15	1207	1266	1329	1393	1451	1500			
		10	1096	1143	1192	1241	1283				
SE6030GK-C	COOLING CAPACITY (W)	65				3498	4473	5563	6798	8207	9820
		60		2307	3168	4107	5155	6341	7693	9242	11016
		55	1959	2779	3671	4663	5786	7068	8539	10230	12168
		50	2372	3202	4125	5172	6371	7753	9345	11178	13281
		45	2739	3581	4539	5642	6920	8402	10117	12095	14365
		40	3070	3926	4920	6081	7439	9023	10862	12987	15426
		35	3371	4243	5274	6495	7935	9623	11589	13862	16471
		30	3650	4538	5609	6892	8415	10209	12303	14726	17508
		25	3913	4821	5933	7279	8888	10790	13013	15588	
		20	2145	5098	6253	7664	9360	11371	13726		
		15	4424	5376	6576	8053	9839	11961			
		10	4686	5662	6909	8455	10331				
	POWER INPUT (W)	65				4392	4610	4831	5049	5258	5451
		60		3623	3812	4015	4225	4437	4645	4841	5020
		55	3137	3302	3485	3680	3882	4083	4278	4461	4625
		50	2862	3021	3196	3383	3574	3763	3945	4112	4260
		45	2622	2773	2941	3117	3296	3472	3639	3789	3919
		40	2412	2555	2712	2876	3042	3204	3354	3487	3596
		35	2226	2359	2505	2656	2808	2952	3085	3198	3287
		30	2059	2181	2314	2451	2586	2713	2826	2919	2985
		25	1906	2015	2133	2254	2372	2480	2572	2643	
		20	2145	1855	1957	2061	2159	2247	2317		
		15	1616	1695	1780	1865	1943	2009			
		10	1468	1530	1597	1661	1718				

Testing conditions: Return Gas Temperature 20°C, No subcooling Superheat 11,1 K, No subcooling

Subject to modification without prior notification

GENERAL DATA & PERFORMANCE

R452A - MBP 3~ (Testing Voltage 380V/50Hz)

MODEL	PARAMETER	CONDENSING TEMP. (°C)	EVAPORATING TEMPERATURE (°C)								
			-30	-25	-20	-15	-10	-5	0	5	10
SE6015GS-0	COOLING CAPACITY (W)	65				1800	2301	2862	3497	4222	5052
		60		1187	1630	2113	2652	3262	3958	4754	5667
		55	1008	1430	1888	2399	2976	3636	4393	5263	6260
		50	1220	1647	2122	2661	3278	3988	4808	5751	6833
		45	1409	1842	2335	2903	3560	4322	5205	6222	7390
		40	1579	2020	2531	3128	3827	4642	5588	6681	7936
		35	1734	2183	2713	3341	4082	4950	5962	7131	8474
		30	1878	2335	2886	3546	4329	5252	6329	7576	9007
		25	2013	2480	3052	3745	4573	5551	6695	8019	
		20	2145	2623	3217	3943	4815	5850	7062		
		15	2276	2765	3383	4143	5062	6153			
		10	2411	2913	3554	4350	5315				
	POWER INPUT (W)	65				2481	2604	2729	2853	2971	3080
		60		2047	2154	2268	2387	2507	2624	2735	2836
		55	1773	1866	1969	2079	2193	2307	2417	2520	2613
		50	1617	1707	1806	1911	2019	2126	2229	2323	2407
		45	1481	1567	1661	1761	1862	1962	2056	2141	2214
		40	1363	1444	1532	1625	1719	1810	1895	1970	2032
		35	1258	1333	1415	1501	1586	1668	1743	1807	1857
		30	1163	1232	1307	1385	1461	1533	1597	1649	1687
		25	1077	1138	1205	1273	1340	1401	1453	1493	
		20	2145	1048	1106	1164	1220	1269	1309		
		15	913	958	1006	1054	1098	1135			
		10	829	865	902	939	971				
SE6018GS-0	COOLING CAPACITY (W)	65				2148	2747	3417	4175	5041	6031
		60		1417	1946	2523	3166	3894	4725	5676	6766
		55	1203	1707	2254	2864	3553	4341	5245	6283	7473
		50	1456	1966	2534	3177	3913	4761	5739	6865	8157
		45	1682	2200	2788	3465	4250	5160	6213	7428	8822
		40	1886	2411	3022	3735	4569	5541	6671	7976	9474
		35	2070	2606	3239	3989	4873	5910	7117	8513	10116
		30	2241	2787	3445	4233	5168	6270	7556	9044	10753
		25	2403	2961	3644	4471	5459	6627	7992	9574	
		20	2145	3131	3840	4707	5749	6984	8430		
		15	2717	3301	4038	4946	6043	7346			
		10	2878	3477	4243	5193	6345				
	POWER INPUT (W)	65				2802	2941	3082	3221	3355	3478
		60		2312	2432	2562	2696	2831	2963	3089	3203
		55	2002	2107	2224	2348	2477	2605	2730	2846	2951
		50	1826	1927	2039	2158	2280	2401	2517	2624	2718
		45	1673	1770	1876	1989	2103	2215	2321	2418	2500
		40	1539	1630	1730	1835	1941	2044	2140	2225	2295
		35	1420	1505	1598	1695	1791	1884	1968	2041	2097
		30	1314	1392	1476	1564	1650	1731	1803	1862	1905
		25	1216	1286	1361	1438	1513	1582	1641	1686	
		20	2145	1183	1249	1315	1378	1434	1478		
		15	1031	1081	1136	1190	1240	1282			
		10	937	976	1019	1060	1096				

MODEL	PARAMETER	CONDENSING TEMP. (°C)	EVAPORATING TEMPERATURE (°C)								
			-30	-25	-20	-15	-10	-5	0	5	10
SE6021GS-0	COOLING CAPACITY (W)	65				2447	3128	3891	4755	5740	6868
		60		1614	2216	2873	3606	4435	5381	6464	7705
		55	1370	1944	2567	3261	4047	4943	5973	7155	8510
		50	1659	2239	2885	3618	4456	5422	6536	7818	9289
		45	1916	2505	3175	3946	4840	5876	7076	8459	10047
		40	2147	2746	3441	4253	5203	6311	7597	9083	10789
		35	2358	2967	3689	4543	5550	6730	8105	9695	11520
		30	2553	3174	3923	4820	5886	7141	8605	10300	12246
		25	2737	3372	4150	5091	6217	7547	9102	10903	
		20	2145	3565	4373	5360	6547	7953	9601		
		15	3094	3760	4599	5633	6881	8366			
		10	3278	3960	4832	5914	7226				
	POWER INPUT (W)	65				3107	3261	3418	3572	3720	3856
		60		2563	2697	2840	2989	3139	3286	3425	3552
		55	2220	2336	2466	2604	2746	2889	3027	3156	3272
		50	2025	2137	2261	2393	2529	2662	2791	2909	3014
		45	1855	1962	2080	2205	2332	2456	2574	2681	2772
		40	1706	1808	1919	2035	2152	2266	2373	2467	2544
		35	1575	1669	1772	1879	1986	2089	2182	2263	2325
		30	1457	1543	1637	1734	1829	1919	1999	2065	2112
		25	1348	1425	1509	1595	1678	1754	1820	1870	
		20	2145	1312	1385	1458	1528	1590	1639		
		15	1143	1199	1259	1319	1375	1421			
		10	1039	1083	1130	1175	1216				
SE6030GS-0	COOLING CAPACITY (W)	65				3498	4473	5563	6798	8207	9820
		60		2307	3168	4107	5155	6341	7693	9242	11016
		55	1959	2779	3671	4663	5786	7068	8539	10230	12168
		50	2372	3202	4125	5172	6371	7753	9345	11178	13281
		45	2739	3581	4539	5642	6920	8402	10117	12095	14365
		40	3070	3926	4920	6081	7439	9023	10862	12987	15426
		35	3371	4243	5274	6495	7935	9623	11589	13862	16471
		30	3650	4538	5609	6892	8415	10209	12303	14726	17508
		25	3913	4821	5933	7279	8888	10790	13013	15588	
		20	2145	5098	6253	7664	9360	11371	13726		
		15	4424	5376	6576	8053	9839	11961			
		10	4686	5662	6909	8455	10331				
	POWER INPUT (W)	65				4306	4519	4736	4950	5155	5344
		60		3552	3737	3936	4142	4350	4553	4746	4922
		55	3076	3237	3417	3608	3806	4003	4194	4374	4534
		50	2806	2961	3134	3317	3504	3690	3868	4032	4176
		45	2570	2719	2883	3056	3231	3404	3567	3715	3842
		40	2364	2505	2659	2820	2983	3141	3288	3418	3526
		35	2182	2313	2456	2604	2753	2895	3024	3136	3222
		30	2019	2138	2268	2403	2535	2660	2771	2862	2927
		25	1868	1975	2091	2210	2325	2431	2522	2591	
		20	2145	1818	1919	2020	2117	2203	2272		
		15	1584	1662	1745	1828	1905	1970			
		10	1439	1500	1565	1629	1684				

CONTINUE...

Testing conditions: Return Gas Temperature 20°C, No subcooling Superheat 11,1 K, No subcooling

Subject to modification without prior notification

GENERAL DATA & PERFORMANCE

R452A - MBP 3~ (Testing Voltage 380V/50Hz)

...FOLLOW

MODEL	PARAMETER	CONDENSING TEMP. (°C)	EVAPORATING TEMPERATURE (°C)								
			-30	-25	-20	-15	-10	-5	0	5	10
SE6036GS-0	COOLING CAPACITY (W)	65				4297	5494	6833	8350	10081	12062
		60		2834	3891	5045	6332	7788	9449	11352	13532
		55	2407	3414	4509	5728	7107	8682	10489	12565	14946
		50	2913	3933	5067	6353	7826	9523	11479	13730	16314
		45	3365	4399	5576	6931	8500	10320	12427	14856	17645
		40	3771	4822	6043	7469	9137	11083	13342	15952	18948
		35	4141	5211	6478	7978	9746	11820	14235	17027	20232
		30	4483	5575	6890	8466	10337	12541	15112	18089	21506
		25	4807	5922	7288	8941	10918	13253	15985	19148	
		20	2145	6262	7681	9414	11497	13968	16860		
		15	5434	6603	8077	9892	12085	14692			
		10	5756	6955	8486	10386	12690				
	POWER INPUT (W)	65				5184	5441	5702	5960	6206	6434
		60		4277	4500	4739	4987	5238	5482	5714	5926
		55	3703	3897	4114	4344	4582	4820	5050	5266	5459
		50	3378	3565	3773	3993	4219	4442	4656	4854	5028
		45	3095	3274	3471	3679	3890	4098	4295	4473	4625
		40	2847	3016	3201	3395	3591	3781	3959	4115	4245
		35	2628	2785	2957	3135	3314	3485	3641	3775	3880
		30	2431	2575	2731	2893	3052	3202	3336	3445	3523
		25	2249	2378	2518	2660	2799	2927	3036	3119	
		20	2145	2189	2310	2432	2549	2652	2735		
		15	1907	2001	2101	2201	2294	2371			
		10	1733	1806	1885	1961	2028				
SE6043GS-0	COOLING CAPACITY (W)	65				5106	6528	8119	9922	11979	14333
		60		3367	4624	5995	7524	9254	11228	13489	16079
		55	2860	4057	5358	6806	8444	10316	12464	14930	17759
		50	3461	4673	6021	7549	9299	11315	13639	16315	19385
		45	3998	5227	6625	8235	10100	12263	14766	17653	20966
		40	4481	5730	7181	8875	10857	13169	15854	18955	22515
		35	4920	6192	7698	9480	11581	14045	16914	20232	24040
		30	5327	6624	8187	10059	12283	14901	17957	21494	25554
		25	5711	7037	8660	10624	12973	15748	18994	22752	
		20	2145	7440	9126	11186	13662	16597	20034		
		15	6457	7846	9597	11754	14360	17458			
		10	6840	8264	10083	12341	15079				
	POWER INPUT (W)	65				6160	6465	6776	7081	7374	7645
		60		5082	5346	5631	5926	6223	6514	6790	7041
		55	4400	4631	4888	5162	5444	5727	6001	6257	6487
		50	4014	4237	4483	4745	5013	5278	5533	5768	5974
		45	3677	3890	4124	4371	4623	4870	5103	5315	5496
		40	3383	3583	3804	4034	4267	4493	4704	4890	5044
		35	3122	3309	3513	3726	3938	4141	4326	4486	4610
		30	2888	3059	3245	3437	3627	3805	3964	4094	4187
		25	2673	2826	2992	3161	3326	3478	3608	3706	
		20	2145	2601	2745	2890	3029	3151	3250		
		15	2266	2377	2497	2616	2726	2818			
		10	2059	2146	2240	2330	2410				

MODEL	PARAMETER	CONDENSING TEMP. (°C)	EVAPORATING TEMPERATURE (°C)								
			-30	-25	-20	-15	-10	-5	0	5	10
SE6053GS-0	COOLING CAPACITY (W)	65				6188	7912	9840	12024	14517	17370
		60		4081	5603	7265	9118	11215	13607	16346	19485
		55	3466	4916	6493	8248	10234	12502	15104	18094	21522
		50	4195	5663	7297	9149	11270	13713	16529	19772	23492
		45	4845	6335	8029	9980	12240	14861	17895	21393	25409
		40	5430	6944	8702	10756	13158	15959	19213	22971	27285
		35	5963	7504	9329	11488	14035	17021	20498	24518	29134
		30	6456	8028	9922	12190	14885	18058	21762	26048	30968
		25	6922	8527	10495	12875	15721	19085	23018	27573	
		20	2145	9017	11060	13556	16556	20113	24279		
		15	7825	9508	11631	14245	17403	21157			
		10	8289	10015	12220	14955	18274				
	POWER INPUT (W)	65				7465	7835	8211	8582	8937	9265
		60		6158	6479	6824	7182	7542	7894	8228	8533
		55	5333	5612	5924	6256	6598	6940	7272	7582	7861
		50	4864	5134	5433	5750	6075	6397	6705	6990	7240
		45	4456	4714	4998	5298	5602	5901	6184	6441	6661
		40	4099	4343	4610	4889	5171	5445	5700	5926	6113
		35	3784	4010	4258	4515	4772	5018	5243	5436	5587
		30	3500	3707	3933	4165	4395	4611	4804	4961	5074
		25	3239	3425	3625	3831	4031	4215	4372	4492	
		20	2145	3152	3326	3502	3670	3819	3939		
		15	2746	2881	3026	3170	3303	3415			
		10	2495	2601	2714	2824	2920				
SE6056GS-0	COOLING CAPACITY (W)	65				6518	8334	10365	12666	15291	18296
		60		4298	5902	7653	9605	11813	14333	17219	20525
		55	3651	5178	6839	8688	10779	13169	15910	19059	22670
		50	4418	5965	7686	9637	11871	14444	17411	20827	24745
		45	5104	6673	8458	10513	12893	15654	18849	22535	26764
		40	5720	7315	9166	11330	13860	16811	20238	24197	28741
		35	6281	7904	9826	12101	14784	17929	21591	25826	30688
		30	6800	8456	10451	12841	15679	19022	22923	27437	32620
		25	7291	8982	11055	13562	16560	20103	24246	29044	
		20	2145	9498	11650	14279	17439	21186	25574		
		15	8243	10016	12251	15005	18331	22285			
		10	8731	10549	12872	15753	19249				
	POWER INPUT (W)	65				7863	8253	8649	9040	9413	9759
		60		6487	6825	7188	7565	7944	8316	8667	8988
		55	5617	5912	6240	6589	6950	7311	7660	7987	8281
		50	5124	5408	5723	6057	6399	6738	7063	7363	7627
		45	4694	4966	5265	5580	5901	6216	6514	6785	7016
		40	4318	4574	4855	5150	5447	5736	6004	6242	6439
		35	3986	4224	4485	4756	5027	5286	5523	5726	5885
		30	3687	3905	4142	4388	4630	4857	5060	5226	5344
		25	3412	3607	3819	4035	4246	4440	4605	4731	
		20	2145	3320	3504	3689	3866	4023	4149		
		15	2893	3035	3187	3339	3479	3597			
		10	2628	2740	2859	2975	3076				

CONTINUE...

Testing conditions: Return Gas Temperature 20°C, No subcooling Superheat 11,1 K, No subcooling

Subject to modification without prior notification

GENERAL DATA & PERFORMANCE

R452A - MBP 3~ (Testing Voltage 380V/50Hz)

...FOLLOW

MODEL	PARAMETER	CONDENSING TEMP. (°C)	EVAPORATING TEMPERATURE (°C)								
			-30	-25	-20	-15	-10	-5	0	5	10
SE6067GS-0	COOLING CAPACITY (W)	65				8008	10240	12735	15562	18789	22481
		60		5282	7252	9403	11802	14515	17611	21157	25220
		55	4486	6363	8403	10675	13245	16181	19549	23419	27855
		50	5429	7330	9444	11841	14586	17748	21394	25590	30405
		45	6271	8199	10392	12917	15842	19234	23161	27689	32886
		40	7028	8988	11263	13921	17030	20656	24867	29731	35315
		35	7717	9712	12074	14869	18165	22030	26530	31734	37708
		30	8355	10390	12842	15778	19266	23373	28166	33713	40082
		25	8959	11037	13583	16664	20348	24701	29792	35687	
		20	2145	11670	14315	17545	21428	26032	31424		
		15	10128	12306	15053	18437	22524	27383			
		10	10728	12962	15816	19357	23652				
	POWER INPUT (W)	65				9661	10141	10628	11107	11567	11992
		60		7970	8386	8832	9295	9761	10217	10650	11044
		55	6902	7264	7667	8096	8540	8983	9412	9814	10175
		50	6296	6645	7032	7442	7862	8279	8678	9047	9371
		45	5768	6101	6469	6857	7251	7638	8004	8337	8621
		40	5306	5621	5966	6328	6693	7048	7378	7670	7911
		35	4897	5190	5510	5844	6176	6495	6786	7036	7231
		30	4530	4798	5090	5391	5689	5968	6217	6421	6567
		25	4192	4432	4692	4959	5217	5455	5658	5814	
		20	2145	4080	4305	4533	4750	4943	5098		
		15	3554	3729	3916	4103	4275	4420			
		10	3229	3366	3513	3655	3780				
SE6078GS-0	COOLING CAPACITY (W)	65				9027	11541	14354	17541	21177	25339
		60		5953	8174	10599	13302	16361	19850	23847	28426
		55	5056	7172	9472	12032	14929	18238	22035	26396	31397
		50	6119	8261	10645	13346	16441	20004	24113	28844	34271
		45	7068	9241	11713	14559	17856	21679	26105	31209	37067
		40	7922	10130	12695	15691	19195	23282	28029	33511	39804
		35	8699	10947	13609	16759	20474	24830	29903	35768	42501
		30	9417	11711	14474	17784	21715	26344	31747	37999	45177
		25	10097	12440	15310	18783	22935	27841	33579	40224	
		20	2145	13154	16134	19775	24153	29342	35419		
		15	11416	13871	16967	20781	25388	30864			
		10	12092	14610	17827	21817	26659				
	POWER INPUT (W)	65				10890	11430	11979	12519	13037	13516
		60		8984	9452	9955	10477	11002	11516	12003	12448
		55	7779	8187	8641	9126	9625	10125	10609	11061	11468
		50	7096	7490	7926	8388	8862	9332	9782	10197	10562
		45	6501	6877	7291	7728	8173	8609	9022	9396	9717
		40	5980	6335	6724	7132	7544	7943	8316	8645	8917
		35	5520	5850	6211	6587	6962	7321	7649	7930	8150
		30	5106	5409	5737	6077	6412	6727	7008	7237	7402
		25	4725	4996	5289	5589	5881	6149	6378	6553	
		20	2145	4599	4852	5109	5354	5571	5746		
		15	4006	4203	4414	4624	4819	4982			
		10	3640	3794	3959	4120	4260				

MODEL	PARAMETER	CONDENSING TEMP. (°C)	EVAPORATING TEMPERATURE (°C)								
			-30	-25	-20	-15	-10	-5	0	5	10
SE6085GS-0	COOLING CAPACITY (W)	65				9876	12627	15705	19191	23170	27724
		60		6513	8943	11596	14554	17900	21718	26090	31100
		55	5532	7846	10363	13164	16334	19954	24108	28879	34351
		50	6695	9039	11647	14602	17987	21887	26382	31557	37495
		45	7733	10111	12815	15929	19536	23719	28561	34145	40554
		40	8667	11084	13889	17167	21000	25472	30666	36664	43549
		35	9517	11977	14889	18336	22401	27167	32716	39133	46500
		30	10303	12813	15836	19457	23758	28823	34734	41574	49428
		25	11047	13610	16750	20550	25092	30461	36738	44008	
		20	2145	14391	17653	21636	26425	32102	38751		
		15	12490	15176	18563	22736	27776	33767			
		10	13230	15985	19504	23870	29167				
	POWER INPUT (W)	65				11796	12382	12976	13562	14122	14641
		60		9732	10239	10784	11349	11918	12475	13003	13485
		55	8427	8869	9361	9886	10427	10968	11492	11982	12423
		50	7687	8113	8586	9087	9600	10108	10596	11046	11442
		45	7042	7450	7898	8372	8853	9326	9773	10179	10526
		40	6478	6863	7284	7726	8172	8605	9008	9365	9660
		35	5979	6337	6728	7135	7541	7930	8286	8591	8829
		30	5531	5859	6215	6583	6946	7287	7591	7840	8018
		25	5119	5412	5729	6054	6370	6661	6909	7098	
		20	2145	4981	5256	5535	5800	6035	6224		
		15	4340	4553	4781	5009	5220	5396			
		10	3943	4110	4289	4463	4615				
SE6089GS-0	COOLING CAPACITY (W)	65				10385	13279	16515	20182	24365	29154
		60		6849	9405	12194	15305	18824	22838	27436	32705
		55	5817	8251	10898	13844	17176	20983	25352	30369	36123
		50	7040	9505	12248	15355	18916	23016	27743	33186	39430
		45	8132	10633	13476	16751	20544	24943	30035	35907	42647
		40	9114	11655	14606	18053	22084	26787	32248	38555	45796
		35	10008	12595	15657	19282	23557	28568	34404	41152	48899
		30	10835	13474	16653	20461	24984	30310	36526	43719	51978
		25	11617	14313	17615	21610	26387	32033	38634	46279	
		20	2145	15134	18563	22752	27788	33759	40751		
		15	13135	15959	19521	23909	29209	35510			
		10	13913	16810	20510	25102	30672				
	POWER INPUT (W)	65				12405	13021	13646	14261	14851	15397
		60		10234	10767	11340	11935	12533	13119	13674	14180
		55	8862	9327	9844	10396	10965	11533	12085	12601	13064
		50	8083	8532	9029	9555	10095	10630	11143	11616	12032
		45	7405	7834	8306	8804	9310	9807	10277	10704	11069
		40	6812	7217	7660	8125	8594	9049	9473	9848	10158
		35	6288	6664	7075	7503	7930	8339	8713	9034	9284
		30	5817	6161	6535	6922	7304	7663	7983	8245	8432
		25	5383	5691	6025	6367	6699	7004	7265	7464	
		20	2145	5238	5528	5820	6099	6347	6545		
		15	4564	4788	5028	5268	5489	5675			
		10	4146	4322	4510	4693	4853				

Testing conditions: Return Gas Temperature 20°C, No subcooling Superheat 11,1 K, No subcooling

Subject to modification without prior notification

GENERAL DATA & PERFORMANCE

R452A - LBP 1~ (Testing Voltage 220V/50Hz)

MODEL	PARAMETER	CONDENSING TEMP. (°C)	EVAPORATING TEMPERATURE (°C)								
			-40	-35	-30	-25	-20	-15	-10	-5	0
SE2006GK-C	COOLING CAPACITY (W)	60				1337	1624	1978	2409	2926	3539
		55	819	995	1212	1480	1809	2207	2686	3254	3922
		50	873	1075	1321	1621	1985		2945	3560	4278
		45	936	1158	1428	1756	2151	2624	3184	3841	4605
		40	1003	1241	1531	1881	2303	2806	3399	4093	4897
		35	1073	1322	1626	1994	2438	2965	3587	4313	5153
		30	1141	1396	1710	2091	2551	3099	3745	4498	5368
		25	1205	1461	1779	2169	2641	3204	3868	4644	5540
	POWER INPUT (W)	60				1874	1953	2036	2123	2213	2303
		55	1481	1541	1609	1683	1762	1844	1930	2016	2104
		50	1321	1383	1450	1523	1601	1681	1763	1846	1929
		45	1191	1251	1318	1389	1463	1540	1618	1696	1773
		40	1082	1141	1205	1273	1343	1415	1487	1559	1629
		35	990	1046	1106	1169	1234	1299	1365	1429	1490
		30	908	959	1014	1071	1129	1188	1245	1300	1352
		25	829	874	923	973	1023	1073	1121	1166	1207
SE2008GK-C	COOLING CAPACITY (W)	60				1707	2074	2526	3076	3736	4519
		55	1046	1271	1548	1890	2309	2818	3429	4155	5008
		50	1115	1372	1687	2070	2535	3095	3761	4546	5463
		45	1195	1478	1823	2242	2747	3351	4066	4905	5880
		40	1281	1585	1955	2402	2941	3583	4341	5227	6253
		35	1370	1688	2076	2547	3113	3787	4581	5508	6580
		30	1458	1783	2183	2670	3258	3957	4782	5743	6854
		25	1539	1865	2272	2770	3372	4091	4939	5929	7074
	POWER INPUT (W)	60				2402	2503	2611	2722	2837	2953
		55	1898	1976	2063	2157	2259	2364	2474	2585	2697
		50	1694	1773	1859	1953	2052	2155	2260	2367	2473
		45	1527	1604	1689	1780	1876	1974	2074	2174	2273
		40	1388	1463	1545	1631	1722	1814	1907	1998	2088
		35	1270	1341	1418	1498	1582	1666	1750	1832	1911
		30	1164	1230	1300	1373	1448	1523	1596	1667	1733
		25	1063	1121	1183	1247	1312	1376	1437	1495	1547

MODEL	PARAMETER	CONDENSING TEMP. (°C)	EVAPORATING TEMPERATURE (°C)								
			-40	-35	-30	-25	-20	-15	-10	-5	0
SE2010GK-C	COOLING CAPACITY (W)	60				2005	2436	2968	3614	4389	5308
		55	1229	1493	1819	2220	2713	3311	4029	4881	5883
		50	1310	1612	1981	2432	2978	3635	4418	5340	6418
		45	1403	1737	2142	2634	3227	3936	4776	5762	6907
		40	1505	1862	2296	2822	3455	4209	5099	6140	7346
		35	1610	1983	2438	2992	3656	4448	5381	6470	7729
		30	1712	2094	2564	3137	3827	4649	5617	6747	8052
		25	1808	2191	2668	3253	3961	4806	5802	6965	8310
	POWER INPUT (W)	60				2802	2921	3046	3176	3310	3445
		55	2215	2305	2407	2517	2635	2759	2886	3016	3147
		50	1976	2068	2169	2278	2394	2514	2637	2761	2885
		45	1781	1872	1971	2077	2188	2303	2420	2536	2651
		40	1619	1707	1802	1903	2009	2116	2224	2331	2436
		35	1481	1564	1654	1748	1845	1944	2042	2137	2229
		30	1358	1434	1516	1602	1689	1776	1862	1945	2022
		25	1240	1308	1380	1455	1530	1605	1677	1744	1805
SE2014GK-C	COOLING CAPACITY (W)	60				3034	3686	4490	5467	6640	8030
		55	1859	2259	2751	3359	4104	5009	6095	7384	8900
		50	1981	2439	2997	3679	4505	5500	6683	8079	9709
		45	2123	2627	3240	3985	4882	5955	7226	8716	10449
		40	2277	2817	3473	4269	5227	6367	7714	9288	11113
		35	2435	3000	3689	4526	5532	6729	8140	9787	11693
		30	2590	3168	3879	4746	5789	7033	8497	10206	12181
		25	2735	3315	4037	4922	5992	7270	8778	10537	12571
	POWER INPUT (W)	60				3859	4022	4195	4374	4558	4745
		55	3050	3175	3314	3466	3629	3799	3975	4154	4333
		50	2722	2848	2987	3138	3297	3462	3632	3803	3973
		45	2453	2578	2714	2860	3014	3172	3332	3493	3651
		40	2230	2351	2482	2621	2766	2914	3063	3211	3355
		35	2040	2154	2278	2407	2541	2677	2812	2943	3070
		30	1870	1975	2088	2206	2326	2446	2564	2678	2785
		25	1707	1801	1901	2004	2108	2210	2309	2401	2486

Testing conditions: Return Gas Temperature 20°C, No subcooling

Subject to modification without prior notification

GENERAL DATA & PERFORMANCE

R452A - LBP 3~ (Testing Voltage 380V/50Hz)

MODEL	PARAMETER	CONDENSING TEMPER. (°C)	EVAPORATING TEMPERATURE (°C)								
			-40	-35	-30	-25	-20	-15	-10	-5	0
SE2006GS-0	COOLING CAPACITY (W)	60				1337	1624	1978	2409	2926	3539
		55	819	995	1212	1480	1809	2207	2686	3254	3922
		50	873	1075	1321	1621	1985	2424	2945	3560	4278
		45	936	1158	1428	1756	2151	2624	3184	3841	4605
		40	1003	1241	1531	1881	2303	2806	3399	4093	4897
		35	1073	1322	1626	1994	2438	2965	3587	4313	5153
		30	1141	1396	1710	2091	2551	3099	3745	4498	5368
		25	1205	1461	1779	2169	2641	3204	3868	4644	5540
	POWER INPUT (W)	60				1858	1936	2019	2105	2194	2284
		55	1468	1528	1595	1668	1747	1829	1913	1999	2086
		50	1310	1371	1438	1510	1587	1666	1748	1830	1912
		45	1181	1241	1306	1377	1451	1527	1604	1681	1757
		40	1073	1131	1195	1262	1331	1403	1474	1545	1615
		35	982	1037	1096	1159	1223	1288	1353	1417	1478
		30	900	951	1005	1062	1120	1177	1234	1289	1340
		25	822	867	915	964	1014	1064	1111	1156	1196
SE2008GS-0	COOLING CAPACITY (W)	60				1707	2074	2526	3076	3736	4519
		55	1046	1271	1548	1890	2309	2818	3429	4155	5008
		50	1115	1372	1687	2070	2535	3095	3761	4546	5463
		45	1195	1478	1823	2242	2747	3351	4066	4905	5880
		40	1281	1585	1955	2402	2941	3583	4341	5227	6253
		35	1370	1688	2076	2547	3113	3787	4581	5508	6580
		30	1458	1783	2183	2670	3258	3957	4782	5743	6854
		25	1539	1865	2272	2770	3372	4091	4939	5929	7074
	POWER INPUT (W)	60				2354	2453	2558	2668	2780	2894
		55	1860	1936	2022	2114	2213	2317	2424	2534	2643
		50	1660	1737	1822	1914	2011	2112	2215	2320	2424
		45	1496	1572	1656	1745	1838	1935	2033	2131	2227
		40	1360	1434	1514	1599	1687	1778	1868	1958	2046
		35	1244	1314	1389	1468	1550	1633	1715	1795	1873
		30	1141	1205	1274	1346	1419	1492	1564	1634	1699
		25	1041	1099	1159	1222	1286	1348	1408	1465	1516
SE2010GS-0	COOLING CAPACITY (W)	60				2005	2436	2968	3614	4389	5308
		55	1229	1493	1819	2220	2713	3311	4029	4881	5883
		50	1310	1612	1981	2432	2978	3635	4418	5340	6418
		45	1403	1737	2142	2634	3227	3936	4776	5762	6907
		40	1505	1862	2296	2822	3455	4209	5099	6140	7346
		35	1610	1983	2438	2992	3656	4448	5381	6470	7729
		30	1712	2094	2564	3137	3827	4649	5617	6747	8052
		25	1808	2191	2668	3253	3961	4806	5802	6965	8310
	POWER INPUT (W)	60				2738	2854	2976	3104	3234	3367
		55	2164	2253	2352	2460	2575	2695	2820	2947	3075
		50	1931	2021	2120	2226	2339	2457	2577	2698	2819
		45	1740	1829	1926	2030	2138	2250	2364	2478	2591
		40	1582	1668	1761	1860	1963	2068	2173	2278	2380
		35	1447	1529	1616	1708	1803	1899	1995	2089	2178
		30	1327	1402	1482	1565	1650	1736	1820	1900	1976
		25	1211	1278	1349	1422	1495	1568	1638	1704	1764

MODEL	PARAMETER	CONDENSING TEMPER. (°C)	EVAPORATING TEMPERATURE (°C)								
			-40	-35	-30	-25	-20	-15	-10	-5	0
SE2014GS-0	COOLING CAPACITY (W)	60				3034	3686	4490	5467	6640	8030
		55	1859	2259	2751	3359	4104	5009	6095	7384	8900
		50	1981	2439	2997	3679	4505	5500	6683	8079	9709
		45	2123	2627	3240	3985	4882	5955	7226	8716	10449
		40	2277	2817	3473	4269	5227	6367	7714	9288	11113
		35	2435	3000	3689	4526	5532	6729	8140	9787	11693
		30	2590	3168	3879	4746	5789	7033	8497	10206	12181
		25	2735	3315	4037	4922	5992	7270	8778	10537	12571
	POWER INPUT (W)	60				3779	3939	4108	4283	4464	4646
		55	2987	3109	3245	3394	3553	3720	3892	4067	4244
		50	2665	2789	2925	3073	3228	3390	3556	3724	3891
		45	2402	2524	2658	2801	2951	3106	3263	3420	3576
		40	2183	2302	2430	2567	2709	2854	3000	3144	3285
		35	1997	2110	2230	2357	2489	2621	2753	2882	3006
		30	1831	1935	2045	2160	2278	2396	2511	2622	2727
		25	1672	1764	1861	1962	2064	2164	2261	2352	2434
SE2017GS-0	COOLING CAPACITY (W)	60				3599	4373	5327	6486	7877	9528
		55	2206	2680	3264	3985	4869	5942	7231	8761	10559
		50	2351	2893	3556	4364	5345	6525	7930	9585	11519
		45	2519	3117	3844	4727	5792	7065	8573	10341	12397
		40	2701	3342	4121	5065	6201	7555	9152	11020	13184
		35	2889	3559	4377	5369	6563	7984	9658	11612	13873
		30	3073	3759	4603	5630	6869	8344	10082	12109	14452
		25	3244	3933	4789	5839	7109	8625	10414	12502	14915
	POWER INPUT (W)	60				4340	4523	4717	4918	5126	5335
		55	3430	3570	3727	3898	4080	4272	4469	4671	4873
		50	3061	3202	3359	3528	3707	3893	4084	4276	4468
		45	2758	2898	3052	3216	3389	3567	3747	3928	4106
		40	2507	2643	2791	2948	3110	3277	3445	3610	3772
		35	2294	2423	2561	2707	2858	3010	3162	3310	3452
		30	2103	2221	2348	2480	2616	2751	2884	3011	3131
		25	1920	2025	2137	2253	2370	2485	2596	2700	2795
SE2020GS-0	COOLING CAPACITY (W)	60				4216	5123	6240	7598	9228	11161
		55	2584	3139	3824	4669	5704	6961	8470	10263	12370
		50	2754	3389	4165	5113	6262	7644	9289	11229	13493
		45	2951	3651	4503	5538	6785	8277	10043	12114	14522
		40	3165	3915	4828	5934	7264	8850	10721	12909	15445
		35	3384	4169	5127	6290	7688	9352	11314	13603	16251
		30	3600	4403	5392	6596	8046	9774	11810	14185	16930
		25	3800	4607	5610	6840	8328	10104	12199	14645	17471
	POWER INPUT (W)	60				5044	5257	5482	5717	5958	6202
		55	3987	4150	4332	4531	4743	4965	5195	5429	5664
		50	3558	3722	3905	4101	4309	4525	4747	4971	5193
		45	3206	3369	3548	3739	3939	4146	4355	4565	4772
		40	2914	3072	3244	3426	3615	3809	4004	4197	4385
		35	2666	2816	2977	3147	3322	3499	3675	3847	4013
		30	2444	2582	2729	2883	3040	3198	3352	3500	3640
		25	2231	2354	2484	2619	2755	2889	3018	3139	3249

Testing conditions: Return Gas Temperature 20°C, No subcooling

Subject to modification without prior notification

GENERAL DATA & PERFORMANCE

R134a - MBP 1~ (Testing Voltage 220V/50Hz)

MODEL	PARAMETER	CONDENSING TEMP. (°C)	EVAPORATING TEMPERATURE (°C)							
			-20	-15	-10	-5	0	5	10	15
SE6015GK-C	COOLING CAPACITY (W)	75					2070	2525	3057	3661
		70				1827	2258	2770	3359	4022
		65			1580	1975	2456	3019	3661	4377
		60		1347	1694	2132	2658	3267	3957	4723
		55	1146	1434	1818	2295	2860	3512	4244	5055
		50	1213	1531	1948	2459	3060	3748	4519	5369
		45	1292	1637	2081	2621	3253	3973	4777	5662
		40	1379	1745	2212	2777	3434	4181	5014	5928
		35	1470	1853	2339	2922	3600	4370	5226	
		30	1562	1957	2455	3053	3748	4534		
		25	1650	2052	2559	3167	3872			
	POWER INPUT (W)	75					1939	2034	2123	2203
		70				1700	1792	1881	1965	2039
		65			1486	1572	1659	1743	1821	1890
		60		1298	1377	1458	1540	1618	1690	1752
		55	1139	1206	1279	1355	1431	1504	1569	1624
		50	1061	1124	1192	1262	1332	1398	1457	1505
		45	993	1050	1112	1177	1241	1300	1351	1392
		40	931	983	1040	1098	1155	1207	1251	1283
		35	875	921	971	1023	1072	1117	1153	
		30	822	861	905	949	992	1028		
		25	770	803	839	877	911			
SE6018GK-C	COOLING CAPACITY (W)	75					2471	3015	3649	4370
		70				2182	2696	3307	4010	4802
		65			1887	2358	2931	3604	4370	5226
		60		1608	2022	2545	3173	3901	4724	5639
		55	1368	1711	2170	2739	3415	4192	5067	6035
		50	1448	1828	2326	2935	3653	4475	5395	6410
		45	1542	1954	2484	3129	3883	4742	5703	6759
		40	1646	2083	2641	3315	4100	4991	5985	7077
		35	1755	2213	2792	3488	4298	5216	6239	
		30	1865	2336	2931	3645	4474	5413		
		25	1970	2450	3055	3780	4622			
	POWER INPUT (W)	75					2262	2373	2476	2570
		70				1983	2090	2195	2292	2379
		65			1733	1834	1936	2034	2125	2205
		60		1515	1606	1701	1796	1888	1971	2044
		55	1328	1407	1492	1581	1670	1754	1830	1895
		50	1238	1311	1390	1473	1554	1631	1700	1755
		45	1158	1225	1298	1373	1448	1516	1576	1624
		40	1086	1147	1213	1281	1347	1408	1459	1497
		35	1021	1074	1133	1193	1251	1303	1345	
		30	959	1005	1056	1108	1157	1200		
		25	898	936	979	1023	1063			

MODEL	PARAMETER	CONDENSING TEMP. (°C)	EVAPORATING TEMPERATURE (°C)							
			-20	-15	-10	-5	0	5	10	15
SE6021GK-C	COOLING CAPACITY (W)	75					2814	3433	4156	4977
		70				2484	3070	3766	4567	5468
		65			2149	2685	3338	4104	4977	5951
		60		1831	2303	2898	3613	4442	5380	6421
		55	1558	1949	2471	3120	3889	4774	5771	6872
		50	1649	2082	2648	3343	4160	5096	6144	7300
		45	1756	2225	2829	3563	4422	5401	6494	7697
		40	1875	2373	3008	3775	4669	5684	6816	8060
		35	1999	2520	3179	3973	4895	5941	7105	
		30	2124	2660	3338	4151	5095	6164		
		25	2244	2790	3479	4305	5264			
	POWER INPUT (W)	75					2519	2642	2757	2862
		70				2208	2327	2444	2552	2649
		65			1930	2042	2155	2264	2366	2455
		60		1686	1788	1894	2000	2102	2195	2276
		55	1479	1566	1662	1761	1859	1953	2038	2110
		50	1378	1459	1548	1640	1731	1816	1892	1955
		45	1290	1364	1445	1529	1612	1688	1755	1808
		40	1210	1277	1350	1426	1500	1567	1624	1667
		35	1136	1196	1261	1328	1393	1451	1497	
		30	1067	1119	1175	1233	1288	1336		
		25	1000	1043	1090	1139	1183			
SE6030GK-C	COOLING CAPACITY (W)	75					4023	4909	5942	7116
		70				3552	4390	5385	6530	7818
		65			3072	3839	4773	5868	7116	8509
		60		2619	3292	4144	5166	6351	7692	9181
		55	2228	2787	3533	4460	5560	6826	8250	9826
		50	2357	2977	3787	4780	5948	7286	8784	10436
		45	2511	3181	4045	5095	6323	7722	9285	11005
		40	2680	3392	4301	5397	6675	8127	9746	11524
		35	2858	3603	4546	5680	6999	8494	10158	
		30	3036	3804	4773	5935	7285	8814		
		25	3208	3989	4974	6155	7526			
	POWER INPUT (W)	75					3373	3537	3692	3832
		70				2957	3117	3272	3418	3547
		65			2584	2735	2886	3032	3168	3287
		60		2258	2394	2536	2678	2814	2939	3047
		55	1980	2097	2225	2358	2490	2615	2729	2825
		50	1846	1954	2073	2196	2317	2432	2534	2617
		45	1727	1826	1935	2048	2158	2261	2350	2421
		40	1620	1710	1808	1910	2008	2099	2175	2232
		35	1522	1601	1689	1779	1865	1943	2005	
		30	1429	1498	1574	1652	1725	1789		
		25	1339	1396	1460	1525	1585			

Testing conditions: Return Gas Temperature 20°C, No subcooling

Subject to modification without prior notification

GENERAL DATA & PERFORMANCE

R134a - MBP 3~ (Testing Voltage 380V/50Hz)

MODEL	PARAMETER	CONDENSING TEMP. (°C)	EVAPORATING TEMPERATURE (°C)							
			-20	-15	-10	-5	0	5	10	15
SE6015GS-0	COOLING CAPACITY (W)	75					2070	2525	3057	3661
		70				1827	2258	2770	3359	4022
		65			1580	1975	2456	3019	3661	4377
		60		1347	1694	2132	2658	3267	3957	4723
		55	1146	1434	1818	2295	2860	3512	4244	5055
		50	1213	1531	1948	2459	3060	3748	4519	5369
		45	1292	1637	2081	2621	3253	3973	4777	5662
		40	1379	1745	2212	2777	3434	4181	5014	5928
		35	1470	1853	2339	2922	3600	4370	5226	
		30	1562	1957	2455	3053	3748	4534		
		25	1650	2052	2559	3167	3872			
	POWER INPUT (W)	75					1906	1999	2086	2165
		70				1671	1761	1849	1931	2004
		65			1460	1545	1631	1713	1790	1857
		60		1276	1353	1433	1513	1590	1661	1722
		55	1119	1185	1257	1332	1407	1478	1542	1596
		50	1043	1104	1171	1241	1309	1374	1432	1479
		45	976	1032	1093	1157	1219	1277	1328	1368
		40	915	966	1022	1079	1135	1186	1229	1261
		35	860	905	954	1005	1054	1098	1133	
		30	807	846	889	933	975	1011		
		25	757	789	825	861	895			
SE6018GS-0	COOLING CAPACITY (W)	75					2471	3015	3649	4370
		70				2182	2696	3307	4010	4802
		65			1887	2358	2931	3604	4370	5226
		60		1608	2022	2545	3173	3901	4724	5639
		55	1368	1711	2170	2739	3415	4192	5067	6035
		50	1448	1828	2326	2935	3653	4475	5395	6410
		45	1542	1954	2484	3129	3883	4742	5703	6759
		40	1646	2083	2641	3315	4100	4991	5985	7077
		35	1755	2213	2792	3488	4298	5216	6239	
		30	1865	2336	2931	3645	4474	5413		
		25	1970	2450	3055	3780	4622			
	POWER INPUT (W)	75					2152	2257	2356	2445
		70				1887	1988	2088	2181	2263
		65			1649	1745	1841	1935	2021	2097
		60		1441	1528	1618	1709	1796	1875	1944
		55	1264	1338	1420	1504	1588	1669	1741	1802
		50	1178	1247	1323	1401	1479	1552	1617	1670
		45	1102	1165	1235	1306	1377	1443	1500	1544
		40	1033	1091	1154	1218	1281	1339	1388	1424
		35	971	1022	1078	1135	1190	1239	1279	
		30	912	956	1004	1054	1101	1141		
		25	854	891	932	973	1011			

MODEL	PARAMETER	CONDENSING TEMP. (°C)	EVAPORATING TEMPERATURE (°C)							
			-20	-15	-10	-5	0	5	10	15
SE6021GS-0	COOLING CAPACITY (W)	75					2814	3433	4156	4977
		70				2484	3070	3766	4567	5468
		65			2149	2685	3338	4104	4977	5951
		60		1831	2303	2898	3613	4442	5380	6421
		55	1558	1949	2471	3120	3889	4774	5771	6872
		50	1649	2082	2648	3343	4160	5096	6144	7300
		45	1756	2225	2829	3563	4422	5401	6494	7697
		40	1875	2373	3008	3775	4669	5684	6816	8060
		35	1999	2520	3179	3973	4895	5941	7105	
		30	2124	2660	3338	4151	5095	6164		
		25	2244	2790	3479	4305	5264			
	POWER INPUT (W)	75					2387	2503	2612	2711
		70				2092	2205	2315	2418	2510
		65			1828	1935	2042	2145	2241	2325
		60		1598	1694	1794	1895	1991	2079	2156
		55	1401	1484	1574	1668	1761	1850	1931	1999
		50	1306	1383	1467	1554	1640	1721	1793	1852
		45	1222	1292	1369	1449	1527	1600	1663	1713
		40	1146	1210	1279	1351	1421	1485	1539	1579
		35	1077	1133	1195	1258	1320	1374	1419	
		30	1011	1060	1114	1168	1220	1266		
		25	947	988	1033	1079	1121			
SE6030GS-0	COOLING CAPACITY (W)	75					4023	4909	5942	7116
		70				3552	4390	5385	6530	7818
		65			3072	3839	4773	5868	7116	8509
		60		2619	3292	4144	5166	6351	7692	9181
		55	2228	2787	3533	4460	5560	6826	8250	9826
		50	2357	2977	3787	4780	5948	7286	8784	10436
		45	2511	3181	4045	5095	6323	7722	9285	11005
		40	2680	3392	4301	5397	6675	8127	9746	11524
		35	2858	3603	4546	5680	6999	8494	10158	
		30	3036	3804	4773	5935	7285	8814		
		25	3208	3989	4974	6155	7526			
	POWER INPUT (W)	75					3307	3468	3620	3757
		70				2899	3055	3208	3351	3478
		65			2534	2681	2829	2973	3106	3222
		60		2214	2347	2486	2626	2759	2882	2987
		55	1942	2056	2181	2311	2441	2564	2676	2770
		50	1810	1916	2032	2153	2272	2384	2484	2566
		45	1693	1790	1897	2007	2116	2217	2304	2373
		40	1588	1676	1773	1872	1969	2058	2133	2188
		35	1492	1570	1656	1744	1829	1904	1966	
		30	1401	1469	1543	1619	1691	1754		
		25	1313	1369	1431	1495	1554			

CONTINUE...

Testing conditions: Return Gas Temperature 20°C, No subcooling

Subject to modification without prior notification

...FOLLOW

R134a - MBP 3~ (Testing Voltage 380V/50Hz)

MODEL	PARAMETER	CONDENSING TEMP. (°C)	EVAPORATING TEMPERATURE (°C)							
			-20	-15	-10	-5	0	5	10	15
SE6036GS-0	COOLING CAPACITY (W)	75					4941	6030	7299	8741
		70				4363	5392	6614	8021	9603
		65			3773	4715	5863	7208	8740	10452
		60		3216	4044	5090	6345	7801	9448	11277
		55	2736	3423	4340	5479	6830	8385	10134	12069
		50	2896	3656	4651	5871	7307	8949	10790	12819
		45	3084	3908	4969	6258	7766	9485	11405	13518
		40	3292	4167	5282	6630	8199	9983	11971	14155
		35	3510	4425	5584	6977	8596	10433	12477	
		30	3730	4672	5862	7291	8948	10826		
		25	3940	4899	6109	7561	9245			
	POWER INPUT (W)	75					3982	4175	4358	4523
		70				3490	3679	3862	4034	4187
		65			3051	3228	3406	3579	3739	3880
		60		2665	2826	2994	3161	3322	3469	3597
		55	2338	2476	2626	2783	2939	3087	3221	3335
		50	2179	2307	2447	2592	2735	2871	2991	3089
		45	2038	2156	2284	2417	2547	2669	2774	2857
		40	1912	2018	2134	2254	2371	2477	2568	2634
		35	1796	1890	1993	2100	2202	2293	2367	
		30	1687	1768	1858	1949	2036	2111		
		25	1581	1648	1723	1800	1871			
SE6043GS-0	COOLING CAPACITY (W)	75					5871	7165	8673	10386
		70				5184	6407	7859	9531	11411
		65			4484	5603	6967	8564	10385	12419
		60		3822	4805	6048	7540	9269	11226	13400
		55	3251	4067	5157	6510	8115	9963	12042	14341
		50	3441	4345	5527	6976	8682	10634	12821	15232
		45	3664	4643	5904	7436	9228	11270	13552	16062
		40	3912	4951	6277	7877	9743	11862	14224	16819
		35	4171	5258	6635	8290	10215	12397	14826	
		30	4432	5552	6966	8663	10632	12864		
		25	4682	5822	7259	8984	10985			
	POWER INPUT (W)	75					4731	4961	5179	5375
		70				4147	4371	4589	4793	4975
		65			3625	3836	4048	4253	4443	4610
		60		3167	3358	3557	3756	3947	4122	4274
		55	2778	2941	3121	3307	3492	3668	3828	3962
		50	2589	2741	2907	3080	3250	3411	3554	3671
		45	2422	2561	2714	2872	3027	3171	3296	3395
		40	2272	2398	2536	2678	2817	2944	3051	3130
		35	2134	2246	2369	2495	2616	2725	2812	
		30	2005	2101	2207	2316	2419	2509		
		25	1878	1958	2048	2139	2223			

MODEL	PARAMETER	CONDENSING TEMP. (°C)	EVAPORATING TEMPERATURE (°C)							
			-20	-15	-10	-5	0	5	10	15
SE6053GS-0	COOLING CAPACITY (W)	75					7116	8683	10511	12587
		70				6283	7764	9524	11550	13829
		65			5434	6790	8443	10379	12586	15051
		60		4632	5824	7330	9138	11233	13605	16239
		55	3940	4929	6250	7889	9835	12074	14593	17380
		50	4170	5265	6698	8454	10521	12887	15537	18460
		45	4441	5627	7155	9011	11183	13658	16423	19465
		40	4741	6000	7607	9547	11807	14375	17238	20383
		35	5055	6372	8040	10047	12379	15023	17967	
		30	5371	6728	8442	10498	12885	15590		
		25	5674	7055	8797	10887	13313			
	POWER INPUT (W)	75					5734	6013	6276	6514
		70				5026	5297	5562	5809	6030
		65			4393	4648	4905	5154	5384	5587
		60		3838	4070	4311	4552	4784	4996	5179
		55	3366	3565	3782	4007	4232	4445	4639	4802
		50	3137	3322	3523	3732	3939	4134	4307	4449
		45	2935	3104	3289	3480	3668	3843	3995	4114
		40	2753	2906	3073	3246	3414	3568	3697	3793
		35	2586	2722	2871	3023	3170	3302	3408	
		30	2429	2546	2675	2807	2932	3040		
		25	2276	2373	2482	2592	2694			
SE6056GS-0	COOLING CAPACITY (W)	75					7495	9146	11071	13258
		70				6618	8178	10032	12166	14566
		65			5724	7152	8893	10933	13257	15854
		60		4879	6134	7721	9625	11833	14331	17105
		55	4151	5192	6583	8310	10360	12718	15372	18307
		50	4392	5546	7055	8905	11083	13574	16366	19445
		45	4678	5927	7536	9492	11780	14387	17300	20504
		40	4994	6321	8013	10056	12437	15142	18158	21470
		35	5325	6712	8469	10583	13039	15825	18926	
		30	5657	7087	8892	11058	13573	16421		
		25	5977	7432	9267	11468	14023			
	POWER INPUT (W)	75					6039	6333	6611	6861
		70				5294	5580	5858	6119	6351
		65			4627	4896	5167	5429	5671	5885
		60		4043	4287	4541	4795	5039	5262	5456
		55	3546	3755	3983	4221	4457	4683	4886	5058
		50	3305	3499	3711	3931	4149	4354	4537	4686
		45	3092	3270	3465	3666	3864	4048	4208	4334
		40	2900	3061	3237	3419	3596	3758	3894	3996
		35	2724	2867	3024	3185	3339	3478	3590	
		30	2559	2682	2818	2957	3088	3203		
		25	2397	2500	2614	2730	2837			

CONTINUE...

Testing conditions: Return Gas Temperature 20°C, No subcooling

Subject to modification without prior notification

GENERAL DATA & PERFORMANCE

R134a - MBP 3~ (Testing Voltage 380V/50Hz)

...FOLLOW

MODEL	PARAMETER	CONDENSING TEMP. (°C)	EVAPORATING TEMPERATURE (°C)							
			-20	-15	-10	-5	0	5	10	15
SE6067GS-0	COOLING CAPACITY (W)	75					9210	11238	13604	16291
		70				8132	10049	12327	14949	17898
		65			7033	8788	10927	13433	16290	19480
		60		5995	7537	9487	11827	14539	17609	21018
		55	5100	6379	8089	10211	12729	15627	18888	22494
		50	5397	6815	8669	10942	13618	16679	20110	23892
		45	5748	7283	9260	11663	14474	17678	21256	25194
		40	6136	7766	9845	12356	15282	18605	22311	26381
		35	6543	8247	10406	13003	16022	19444	23255	
		30	6951	8708	10926	13588	16677	20177		
		25	7344	9131	11386	14091	17230			
	POWER INPUT (W)	75					7421	7782	8123	8430
		70				6505	6856	7198	7518	7804
		65			5686	6016	6349	6670	6969	7231
		60		4968	5267	5579	5892	6191	6466	6703
		55	4357	4614	4895	5187	5477	5754	6004	6215
		50	4061	4299	4560	4831	5098	5350	5574	5758
		45	3799	4018	4257	4505	4748	4974	5171	5325
		40	3563	3761	3978	4201	4418	4617	4785	4910
		35	3348	3523	3715	3913	4103	4274	4411	
		30	3144	3295	3462	3633	3795	3935		
		25	2946	3072	3212	3354	3486			
SE6078GS-0	COOLING CAPACITY (W)	75					10380	12666	15333	18362
		70				9166	11327	13894	16849	20174
		65			7927	9905	12316	15141	18361	21956
		60		6757	8496	10693	13330	16388	19847	23690
		55	5748	7190	9117	11509	14347	17614	21289	25354
		50	6083	7681	9771	12333	15349	18800	22666	26930
		45	6478	8209	10437	13146	16315	19925	23959	28397
		40	6916	8754	11097	13927	17224	20971	25147	29735
		35	7374	9296	11729	14657	18059	21916	26211	
		30	7835	9815	12315	15315	18797	22742		
		25	8277	10292	12834	15883	19421			
	POWER INPUT (W)	75					8364	8771	9155	9502
		70				7332	7728	8113	8474	8796
		65			6408	6781	7156	7518	7855	8150
		60		5599	5937	6289	6641	6978	7288	7556
		55	4910	5200	5517	5846	6173	6485	6767	7005
		50	4577	4846	5140	5445	5746	6030	6283	6490
		45	4282	4528	4798	5077	5351	5606	5828	6002
		40	4016	4239	4484	4735	4980	5204	5394	5534
		35	3773	3971	4188	4411	4625	4817	4972	
		30	3544	3714	3903	4095	4277	4435		
		25	3320	3462	3620	3781	3929			

MODEL	PARAMETER	CONDENSING TEMP. (°C)	EVAPORATING TEMPERATURE (°C)							
			-20	-15	-10	-5	0	5	10	15
SE6085GS-0	COOLING CAPACITY (W)	75					11357	13858	16776	20089
		70				10028	12392	15201	18435	22072
		65			8673	10837	13475	16566	20088	24022
		60		7392	9295	11699	14584	17930	21715	25919
		55	6289	7867	9975	12592	15697	19271	23292	27740
		50	6655	8404	10690	13493	16793	20568	24799	29464
		45	7088	8981	11419	14382	17849	21800	26213	31068
		40	7566	9577	12141	15237	18845	22944	27513	32532
		35	8068	10170	12833	16036	19758	23979	28678	
		30	8572	10739	13474	16756	20566	24882		
		25	9056	11261	14041	17377	21248			
	POWER INPUT (W)	75					9061	9501	9917	10293
		70				7942	8371	8789	9180	9528
		65			6942	7346	7752	8144	8508	8829
		60		6066	6431	6812	7193	7559	7895	8185
		55	5319	5633	5976	6333	6687	7025	7330	7588
		50	4958	5249	5568	5898	6225	6532	6806	7030
		45	4638	4905	5198	5500	5797	6073	6313	6502
		40	4351	4592	4857	5129	5395	5638	5843	5994
		35	4087	4301	4536	4778	5010	5218	5386	
		30	3839	4023	4228	4436	4633	4805		
		25	3597	3750	3922	4095	4257			
SE6089GS-0	COOLING CAPACITY (W)	75					11943	14573	17641	21126
		70				10545	13032	15986	19386	23211
		65			9120	11397	14171	17420	21125	25261
		60		7774	9775	12303	15337	18855	22835	27256
		55	6614	8273	10489	13241	16507	20265	24494	29171
		50	6998	8837	11242	14190	17660	21630	26078	30984
		45	7454	9445	12009	15125	18770	22925	27566	32671
		40	7957	10071	12767	16023	19817	24128	28933	34211
		35	8485	10695	13495	16863	20777	25216	30157	
		30	9014	11293	14169	17621	21627	26166		
		25	9523	11842	14766	18274	22344			
	POWER INPUT (W)	75					9528	9992	10429	10824
		70				8352	8803	9242	9653	10020
		65			7300	7725	8152	8565	8947	9284
		60		6379	6763	7164	7565	7949	8302	8607
		55	5594	5924	6284	6659	7032	7387	7709	7980
		50	5214	5520	5855	6202	6546	6869	7157	7393
		45	4877	5158	5466	5784	6096	6386	6639	6837
		40	4575	4829	5107	5394	5673	5929	6144	6304
		35	4298	4523	4770	5024	5268	5487	5664	
		30	4037	4231	4446	4665	4873	5053		
		25	3782	3944	4124	4307	4476			

Testing conditions: Return Gas Temperature 20°C, No subcooling

Subject to modification without prior notification

GENERAL DATA & PERFORMANCE

R404A - MBP 1~ (Testing Voltage 220V/50Hz)

MODEL	PARAMETER	CONDENSING TEMP. (°C)	EVAPORATING TEMPERATURE (°C)								
			-30	-25	-20	-15	-10	-5	0	5	10
SE6015GK-C	COOLING CAPACITY (W)	65				1907	2311	2770	3300	3916	4635
		60		1464	1838	2246	2705	3230	3836	4540	5358
		55	1315	1691	2097	2549	3062	3652	4335	5126	6043
		50	1491	1888	2326	2821	3388	4043	4802	5682	6697
		45	1643	2061	2531	3068	3689	4410	5246	6213	7328
		40	1778	2216	2718	3298	3973	4759	5672	6727	7940
		35	1901	2360	2894	3517	4246	5098	6086	7229	8541
		30	2021	2500	3065	3731	4515	5431	6497	7727	9138
		25	2142	2642	3239	3948	4785	5767	6909	8226	
		20	2272	2792	3421	4173	5064	6111	7329		
		15	2417	2958	3618	4413	5358	6470			
		10	2584	3145	3837	4675	5674				
	POWER INPUT (W)	65				2584	2698	2804	2901	2989	3066
		60		2137	2254	2366	2471	2569	2660	2742	2814
		55	1848	1957	2063	2165	2262	2353	2438	2516	2585
		50	1694	1792	1888	1982	2071	2156	2236	2310	2377
		45	1553	1641	1729	1814	1897	1977	2052	2123	2188
		40	1425	1504	1583	1661	1739	1814	1886	1955	2019
		35	1309	1379	1451	1523	1595	1667	1736	1804	1868
		30	1203	1266	1331	1398	1466	1534	1602	1669	1734
		25	1108	1163	1222	1285	1349	1416	1483	1550	
		20	2272	1070	1124	1183	1245	1310	1377		
		15	942	986	1036	1092	1152	1217			
		10	870	909	956	1010	1069				
SE6018GK-C	COOLING CAPACITY (W)	65				2276	2759	3307	3939	4675	5533
		60		1747	2194	2682	3229	3856	4579	5420	6396
		55	1569	2019	2504	3043	3655	4359	5175	6120	7214
		50	1780	2254	2777	3368	4044	4827	5733	6783	7996
		45	1962	2461	3021	3663	4405	5265	6263	7417	8748
		40	2122	2646	3245	3938	4744	5682	6771	8030	9479
		35	2270	2818	3455	4199	5069	6086	7266	8630	10197
		30	2412	2985	3659	4455	5390	6484	7756	9224	10909
		25	2557	3154	3866	4713	5713	6885	8248	9821	
		20	2272	3334	4084	4981	6046	7296	8750		
		15	2885	3531	4319	5268	6397	7724			
		10	3084	3755	4581	5581	6774				
	POWER INPUT (W)	65				3015	3148	3272	3385	3487	3577
		60		2494	2630	2760	2883	2997	3103	3199	3284
		55	2156	2283	2407	2526	2639	2746	2845	2935	3016
		50	1976	2091	2203	2312	2416	2516	2609	2695	2773
		45	1812	1915	2017	2116	2213	2306	2394	2477	2553
		40	1663	1755	1847	1938	2028	2116	2200	2280	2355
		35	1527	1609	1692	1777	1861	1944	2026	2104	2179
		30	1404	1477	1553	1631	1710	1790	1869	1947	2023
		25	1292	1357	1426	1499	1574	1652	1730	1808	
		20	2272	1248	1312	1380	1453	1528	1607		
		15	1099	1150	1208	1273	1344	1419			
		10	1015	1061	1115	1178	1247				

MODEL	PARAMETER	CONDENSING TEMP. (°C)	EVAPORATING TEMPERATURE (°C)								
			-30	-25	-20	-15	-10	-5	0	5	10
SE6021GK-C	COOLING CAPACITY (W)	65				2592	3142	3766	4486	5324	6302
		60		1990	2499	3054	3678	4391	5215	6172	7284
		55	1787	2299	2852	3466	4163	4965	5893	6970	8216
		50	2027	2567	3163	3835	4606	5497	6529	7725	9106
		45	2234	2802	3441	4172	5016	5996	7132	8447	9962
		40	2417	3013	3695	4484	5402	6471	7711	9145	10795
		35	2585	3209	3934	4782	5773	6930	8275	9828	11612
		30	2747	3399	4167	5073	6138	7384	8832	10505	12423
		25	2912	3592	4403	5367	6506	7840	9393	11184	
		20	2272	3796	4651	5673	6885	8308	9965		
		15	3286	4021	4919	5999	7285	8797			
		10	3513	4276	5217	6355	7714				
	POWER INPUT (W)	65				3356	3505	3643	3769	3882	3982
		60		2777	2928	3073	3210	3337	3455	3561	3656
		55	2400	2542	2680	2813	2939	3057	3167	3268	3358
		50	2200	2328	2453	2574	2691	2801	2905	3000	3087
		45	2017	2132	2245	2356	2464	2568	2666	2758	2842
		40	1851	1954	2056	2158	2258	2356	2450	2539	2622
		35	1700	1791	1884	1978	2072	2165	2255	2343	2426
		30	1563	1644	1729	1816	1904	1993	2081	2168	2252
		25	1439	1511	1588	1669	1753	1839	1926	2013	
		20	2272	1390	1460	1537	1617	1702	1789		
		15	1224	1280	1346	1418	1496	1580			
		10	1130	1181	1242	1312	1389				
SE6030GK-C	COOLING CAPACITY (W)	65				3706	4492	5385	6414	7612	9010
		60		2845	3573	4367	5258	6278	7456	8825	10415
		55	2555	3288	4077	4955	5952	7098	8426	9965	11747
		50	2898	3670	4522	5483	6585	7859	9335	11045	13019
		45	3194	4006	4920	5964	7172	8572	10197	12077	14243
		40	3456	4308	5283	6411	7724	9251	11025	13075	15434
		35	3696	4588	5625	6837	8254	9909	11831	14052	16602
		30	3928	4860	5958	7253	8776	10557	12628	15019	17762
		25	4163	5135	6295	7674	9302	11210	13429	15991	
		20	2272	5428	6649	8111	9844	11879	14247		
		15	4698	5750	7033	8578	10416	12577			
		10	5022	6114	7458	9087	11029				
	POWER INPUT (W)	65				4494	4693	4878	5047	5199	5333
		60		3718	3921	4115	4298	4469	4626	4769	4896
		55	3214	3404	3589	3766	3935	4094	4241	4376	4497
		50	2946	3117	3285	3447	3603	3751	3889	4018	4134
		45	2702	2855	3007	3155	3300	3438	3570	3693	3806
		40	2479	2616	2753	2890	3024	3155	3281	3400	3512
		35	2277	2399	2523	2649	2775	2899	3020	3137	3249
		30	2093	2202	2315	2431	2550	2669	2787	2903	3016
		25	1927	2023	2126	2234	2347	2462	2579	2696	
		20	2272	1861	1956	2058	2166	2279	2395		
		15	1638	1715	1802	1899	2004	2116			
		10	1513	1582	1663	1756	1860				

Testing conditions: Return Gas Temperature 20°C, No subcooling Superheat 11,1 K, No subcooling

Subject to modification without prior notification

GENERAL DATA & PERFORMANCE

R404A - MBP 3~ (Testing Voltage 380V/50Hz)

MODEL	PARAMETER	CONDENSING TEMP. (°C)	EVAPORATING TEMPERATURE (°C)								
			-30	-25	-20	-15	-10	-5	0	5	10
SE6015GS-0	COOLING CAPACITY (W)	65				1907	2311	2770	3300	3916	4635
		60		1464	1838	2246	2705	3230	3836	4540	5358
		55	1315	1691	2097	2549	3062	3652	4335	5126	6043
		50	1491	1888	2326	2821	3388	4043	4802	5682	6697
		45	1643	2061	2531	3068	3689	4410	5246	6213	7328
		40	1778	2216	2718	3298	3973	4759	5672	6727	7940
		35	1901	2360	2894	3517	4246	5098	6086	7229	8541
		30	2021	2500	3065	3731	4515	5431	6497	7727	9138
		25	2142	2642	3239	3948	4785	5767	6909	8226	
		20	2272	2792	3421	4173	5064	6111	7329		
		15	2417	2958	3618	4413	5358	6470			
		10	2584	3145	3837	4675	5674				
	POWER INPUT (W)	65				2539	2652	2756	2851	2937	3013
		60		2101	2215	2325	2428	2525	2614	2694	2766
		55	1816	1923	2028	2128	2223	2313	2396	2472	2540
		50	1664	1761	1856	1947	2036	2119	2197	2270	2336
		45	1526	1613	1699	1783	1864	1943	2017	2086	2150
		40	1401	1478	1556	1633	1709	1782	1853	1921	1984
		35	1286	1355	1426	1497	1568	1638	1706	1772	1835
		30	1183	1244	1308	1374	1440	1508	1574	1640	1704
		25	1089	1143	1201	1262	1326	1391	1457	1523	
		20	2272	1052	1105	1162	1224	1287	1353		
		15	926	969	1018	1073	1132	1196			
		10	855	894	940	992	1051				
SE6018GS-0	COOLING CAPACITY (W)	65				2276	2759	3307	3939	4675	5533
		60		1747	2194	2682	3229	3856	4579	5420	6396
		55	1569	2019	2504	3043	3655	4359	5175	6120	7214
		50	1780	2254	2777	3368	4044	4827	5733	6783	7996
		45	1962	2461	3021	3663	4405	5265	6263	7417	8748
		40	2122	2646	3245	3938	4744	5682	6771	8030	9479
		35	2270	2818	3455	4199	5069	6086	7266	8630	10197
		30	2412	2985	3659	4455	5390	6484	7756	9224	10909
		25	2557	3154	3866	4713	5713	6885	8248	9821	
		20	2272	3334	4084	4981	6046	7296	8750		
		15	2885	3531	4319	5268	6397	7724			
		10	3084	3755	4581	5581	6774				
	POWER INPUT (W)	65				2868	2994	3112	3220	3317	3402
		60		2372	2502	2625	2742	2851	2952	3043	3124
		55	2050	2172	2290	2403	2511	2612	2706	2792	2869
		50	1880	1989	2096	2199	2299	2393	2482	2563	2638
		45	1724	1822	1918	2013	2105	2194	2278	2356	2428
		40	1582	1669	1757	1844	1930	2013	2093	2169	2240
		35	1453	1531	1610	1690	1770	1850	1927	2002	2073
		30	1336	1405	1477	1551	1627	1703	1778	1852	1924
		25	1229	1291	1356	1426	1497	1571	1646	1720	
		20	2272	1187	1248	1313	1382	1454	1528		
		15	1045	1094	1150	1211	1279	1350			
		10	966	1009	1061	1121	1187				

MODEL	PARAMETER	CONDENSING TEMP. (°C)	EVAPORATING TEMPERATURE (°C)								
			-30	-25	-20	-15	-10	-5	0	5	10
SE6021GS-0	COOLING CAPACITY (W)	65				2592	3142	3766	4486	5324	6302
		60		1990	2499	3054	3678	4391	5215	6172	7284
		55	1787	2299	2852	3466	4163	4965	5893	6970	8216
		50	2027	2567	3163	3835	4606	5497	6529	7725	9106
		45	2234	2802	3441	4172	5016	5996	7132	8447	9962
		40	2417	3013	3695	4484	5402	6471	7711	9145	10795
		35	2585	3209	3934	4782	5773	6930	8275	9828	11612
		30	2747	3399	4167	5073	6138	7384	8832	10505	12423
		25	2912	3592	4403	5367	6506	7840	9393	11184	
		20	2272	3796	4651	5673	6885	8308	9965		
		15	3286	4021	4919	5999	7285	8797			
		10	3513	4276	5217	6355	7714				
	POWER INPUT (W)	65				3180	3320	3451	3571	3678	3773
		60		2630	2774	2911	3041	3162	3273	3374	3464
		55	2274	2408	2539	2665	2784	2896	3001	3096	3181
		50	2084	2205	2324	2439	2549	2654	2752	2842	2925
		45	1911	2020	2127	2232	2335	2433	2526	2613	2693
		40	1754	1851	1948	2045	2140	2232	2321	2405	2484
		35	1611	1697	1785	1874	1963	2051	2137	2219	2298
		30	1481	1558	1638	1720	1804	1888	1972	2054	2134
		25	1363	1431	1504	1581	1660	1742	1825	1907	
		20	2272	1317	1384	1456	1532	1612	1695		
		15	1159	1213	1275	1343	1418	1497			
		10	1071	1119	1177	1243	1316				
SE6030GS-0	COOLING CAPACITY (W)	65				3706	4492	5385	6414	7612	9010
		60		2845	3573	4367	5258	6278	7456	8825	10415
		55	2555	3288	4077	4955	5952	7098	8426	9965	11747
		50	2898	3670	4522	5483	6585	7859	9335	11045	13019
		45	3194	4006	4920	5964	7172	8572	10197	12077	14243
		40	3456	4308	5283	6411	7724	9251	11025	13075	15434
		35	3696	4588	5625	6837	8254	9909	11831	14052	16602
		30	3928	4860	5958	7253	8776	10557	12628	15019	17762
		25	4163	5135	6295	7674	9302	11210	13429	15991	
		20	2272	5428	6649	8111	9844	11879	14247		
		15	4698	5750	7033	8578	10416	12577			
		10	5022	6114	7458	9087	11029				
	POWER INPUT (W)	65				4406	4601	4782	4948	5097	5228
		60		3645	3844	4034	4214	4381	4536	4676	4800
		55	3151	3338	3519	3692	3858	4013	4158	4290	4408
		50	2888	3056	3220	3379	3532	3677	3813	3939	4053
		45	2649	2799	2948	3094	3235	3371	3500	3620	3731
		40	2430	2565	2699	2833	2965	3093	3216	3333	3443
		35	2232	2352	2474	2597	2720	2842	2961	3076	3185
		30	2052	2158	2269	2383	2500	2616	2732	2846	2957
		25	1889	1983	2084	2191	2301	2414	2528	2643	
		20	2272	1825	1917	2017	2123	2234	2348		
		15	1606	1681	1766	1861	1965	2075			
		10	1484	1551	1630	1722	1823				

CONTINUE...

Testing conditions: Return Gas Temperature 20°C, No subcooling Superheat 11,1 K, No subcooling

Subject to modification without prior notification

GENERAL DATA & PERFORMANCE

R404A - MBP 3~ (Testing Voltage 380V/50Hz)

...FOLLOW

MODEL	PARAMETER	CONDENSING TEMP. (°C)	EVAPORATING TEMPERATURE (°C)								
			-30	-25	-20	-15	-10	-5	0	5	10
SE6036GS-0	COOLING CAPACITY (W)	65				4552	5518	6614	7879	9351	11067
		60		3494	4388	5364	6459	7711	9159	10840	12792
		55	3139	4038	5008	6086	7310	8719	10349	12240	14429
		50	3560	4509	5554	6735	8089	9653	11466	13566	15991
		45	3923	4921	6043	7326	8809	10530	12526	14835	17496
		40	4245	5292	6489	7875	9487	11364	13542	16061	18958
		35	4540	5636	6909	8398	10139	12171	14532	17260	20393
		30	4824	5970	7319	8909	10780	12968	15512	18449	21817
		25	5114	6308	7733	9426	11425	13769	16495	19642	
		20	2272	6667	8167	9963	12091	14591	17500		
		15	5770	7062	8638	10536	12794	15449			
		10	6169	7510	9161	11161	13548				
	POWER INPUT (W)	65				5305	5540	5758	5957	6137	6294
		60		4389	4628	4857	5073	5275	5461	5629	5779
		55	3793	4018	4236	4446	4645	4832	5006	5165	5307
		50	3477	3679	3877	4069	4253	4427	4591	4742	4879
		45	3189	3370	3549	3725	3895	4058	4214	4359	4493
		40	2926	3088	3250	3411	3570	3724	3872	4013	4145
		35	2687	2831	2978	3127	3275	3422	3565	3703	3835
		30	2471	2599	2732	2870	3009	3150	3289	3427	3560
		25	2274	2388	2509	2637	2770	2906	3044	3182	
		20	2272	2197	2308	2429	2556	2690	2827		
		15	1934	2024	2127	2241	2365	2498			
		10	1786	1867	1963	2073	2195				
SE6043GS-0	COOLING CAPACITY (W)	65				5409	6556	7859	9362	11111	13150
		60		4152	5214	6373	7674	9163	10883	12880	15200
		55	3729	4798	5951	7232	8687	10360	12298	14544	17145
		50	4230	5357	6600	8003	9611	11470	13625	16120	19001
		45	4662	5848	7180	8705	10467	12512	14883	17627	20789
		40	5044	6288	7711	9357	11273	13503	16091	19084	22526
		35	5394	6697	8210	9978	12047	14462	17268	20509	24232
		30	5732	7093	8696	10586	12809	15409	18431	21921	25924
		25	6076	7495	9188	11200	13576	16361	19600	23339	
		20	2272	7922	9705	11838	14367	17338	20794		
		15	6857	8392	10264	12519	15202	18357			
		10	7330	8923	10886	13262	16098				
	POWER INPUT (W)	65				6304	6583	6841	7078	7292	7479
		60		5215	5500	5771	6028	6268	6489	6689	6866
		55	4507	4775	5034	5282	5519	5742	5948	6137	6307
		50	4132	4372	4607	4835	5053	5261	5455	5635	5798
		45	3789	4004	4217	4426	4628	4822	5007	5179	5338
		40	3477	3669	3862	4053	4242	4425	4601	4769	4925
		35	3193	3364	3539	3715	3892	4066	4236	4400	4556
		30	2936	3088	3246	3410	3576	3743	3909	4072	4230
		25	2702	2837	2982	3134	3292	3454	3617	3781	
		20	2272	2610	2743	2886	3037	3196	3360		
		15	2298	2405	2527	2663	2811	2968			
		10	2123	2218	2333	2463	2609				

MODEL	PARAMETER	CONDENSING TEMP. (°C)	EVAPORATING TEMPERATURE (°C)								
			-30	-25	-20	-15	-10	-5	0	5	10
SE6053GS-0	COOLING CAPACITY (W)	65				6555	7945	9524	11346	13465	15936
		60		5032	6319	7724	9300	11104	13189	15610	18421
		55	4520	5815	7212	8764	10527	12555	14903	17626	20777
		50	5126	6492	7998	9698	11648	13901	16512	19536	23027
		45	5650	7086	8702	10550	12685	15163	18037	21362	25194
		40	6112	7620	9345	11340	13662	16364	19501	23128	27299
		35	6537	8116	9949	12093	14600	17527	20927	24855	29366
		30	6947	8596	10539	12829	15523	18674	22337	26566	31417
		25	7364	9084	11135	13573	16453	19828	23753	28284	
		20	2272	9601	11761	14347	17412	21011	25200		
		15	8310	10170	12439	15172	18423	22247			
		10	8883	10814	13192	16072	19509				
	POWER INPUT (W)	65				7639	7977	8291	8578	8837	9064
		60		6319	6665	6994	7305	7596	7863	8106	8321
		55	5463	5786	6100	6402	6688	6958	7209	7438	7643
		50	5007	5298	5583	5859	6124	6375	6611	6829	7026
		45	4592	4853	5111	5363	5609	5844	6068	6277	6469
		40	4214	4447	4680	4912	5140	5362	5576	5779	5969
		35	3870	4077	4289	4503	4716	4927	5133	5332	5522
		30	3558	3742	3934	4132	4333	4536	4737	4934	5126
		25	3275	3438	3614	3798	3989	4185	4384	4582	
		20	2272	3163	3324	3497	3681	3873	4071		
		15	2785	2914	3062	3227	3406	3597			
		10	2572	2688	2827	2985	3161				
SE6056GS-0	COOLING CAPACITY (W)	65				6905	8369	10032	11951	14183	16786
		60		5300	6656	8136	9797	11696	13892	16442	19404
		55	4761	6125	7596	9232	11089	13225	15698	18566	21886
		50	5400	6839	8425	10216	12269	14642	17393	20578	24256
		45	5951	7465	9166	11112	13362	15971	18999	22502	26538
		40	6439	8027	9843	11945	14390	17237	20541	24362	28755
		35	6886	8549	10480	12738	15379	18462	22043	26181	30933
		30	7318	9055	11101	13514	16351	19670	23528	27983	33093
		25	7757	9568	11729	14297	17330	20886	25021	29793	
		20	2272	10113	12388	15112	18341	22132	26544		
		15	8753	10713	13103	15981	19406	23433			
		10	9357	11391	13896	16930	20550				
	POWER INPUT (W)	65				8047	8403	8733	9036	9308	9548
		60		6657	7020	7367	7695	8001	8283	8538	8765
		55	5754	6095	6426	6743	7045	7329	7593	7834	8051
		50	5274	5581	5881	6171	6450	6715	6964	7193	7401
		45	4837	5112	5383	5649	5908	6156	6391	6612	6814
		40	4438	4684	4930	5174	5415	5648	5873	6087	6287
		35	4076	4295	4518	4743	4968	5190	5407	5617	5816
		30	3748	3942	4144	4353	4565	4778	4989	5197	5399
		25	3450	3622	3806	4001	4202	4409	4618	4827	
		20	2272	3332	3501	3684	3877	4080	4289		
		15	2933	3070	3226	3399	3588	3789			
		10	2710	2832	2978	3144	3330				

CONTINUE...

Testing conditions: Return Gas Temperature 20°C, No subcooling Superheat 11,1 K, No subcooling

Subject to modification without prior notification

R404A - MBP 3~ (Testing Voltage 380V/50Hz)

...FOLLOW

MODEL	PARAMETER	CONDENSING TEMP. (°C)	EVAPORATING TEMPERATURE (°C)								
			-30	-25	-20	-15	-10	-5	0	5	10
SE6075GS-0	COOLING CAPACITY (W)	65				8484	10284	12327	14685	17427	20626
		60		6513	8179	9997	12037	14372	17070	20203	23842
		55	5850	7526	9334	11343	13625	16250	19289	22813	26892
		50	6635	8403	10352	12553	15075	17991	21371	25285	29804
		45	7312	9172	11262	13654	16418	19625	23345	27649	32608
		40	7911	9863	12094	14677	17682	21179	25240	29934	35333
		35	8461	10504	12877	15651	18897	22684	27085	32169	38008
		30	8991	11126	13640	16605	20091	24169	28910	34384	40662
		25	9531	11757	14412	17567	21294	25663	30744	36608	
		20	2272	12426	15222	18568	22536	27194	32615		
		15	10755	13163	16100	19637	23844	28793			
		10	11498	13997	17074	20802	25250				
	POWER INPUT (W)	65				9887	10325	10731	11103	11437	11731
		60		8179	8626	9052	9455	9831	10178	10491	10770
		55	7070	7489	7895	8285	8657	9006	9330	9626	9892
		50	6481	6858	7226	7583	7926	8251	8556	8838	9094
		45	5943	6281	6614	6942	7259	7564	7853	8124	8373
		40	5454	5755	6057	6358	6653	6940	7217	7479	7725
		35	5009	5277	5551	5828	6104	6377	6644	6901	7147
		30	4605	4843	5092	5348	5609	5870	6131	6386	6634
		25	4239	4450	4677	4916	5163	5417	5674	5931	
		20	2272	4094	4302	4526	4764	5013	5269		
		15	3604	3772	3964	4177	4408	4655			
		10	3329	3480	3659	3864	4092				
SE6078GS-0	COOLING CAPACITY (W)	65				9563	11591	13894	16551	19643	23248
		60		7341	9218	11268	13568	16199	19240	22772	26873
		55	6593	8483	10520	12785	15357	18316	21741	25713	30310
		50	7478	9471	11668	14148	16992	20279	24088	28499	33593
		45	8242	10338	12694	15390	18505	22119	26312	31164	36753
		40	8917	11116	13632	16543	19930	23872	28448	33739	39825
		35	9537	11840	14514	17641	21299	25568	30528	36259	42840
		30	10135	12540	15374	18716	22645	27242	32585	38755	45832
		25	10743	13251	16244	19801	24001	28925	34652	41262	
		20	2272	14006	17157	20929	25401	30652	36762		
		15	12122	14836	18147	22133	26876	32454			
		10	12959	15776	19245	23447	28460				
	POWER INPUT (W)	65				11144	11637	12095	12514	12891	13223
		60		9219	9723	10203	10657	11081	11471	11825	12139
		55	7969	8441	8899	9339	9757	10151	10516	10850	11149
		50	7305	7729	8145	8547	8933	9300	9644	9962	10250
		45	6699	7079	7455	7824	8182	8526	8852	9157	9438
		40	6147	6487	6827	7166	7499	7823	8134	8430	8707
		35	5646	5948	6257	6569	6880	7188	7489	7779	8055
		30	5190	5459	5740	6028	6322	6617	6910	7198	7478
		25	4778	5016	5272	5541	5820	6106	6395	6685	
		20	2272	4615	4849	5102	5370	5650	5939		
		15	4063	4251	4468	4708	4969	5247			
		10	3753	3922	4124	4355	4612				

MODEL	PARAMETER	CONDENSING TEMP. (°C)	EVAPORATING TEMPERATURE (°C)								
			-30	-25	-20	-15	-10	-5	0	5	10
SE6085GS-0	COOLING CAPACITY (W)	65				10462	12682	15201	18109	21491	25435
		60		8031	10086	12328	14844	17723	21050	24914	29401
		55	7214	9281	11510	13988	16802	20039	23787	28132	33162
		50	8182	10362	12766	15479	18591	22186	26354	31181	36753
		45	9017	11311	13889	16838	20246	24201	28788	34096	40211
		40	9756	12162	14915	18100	21805	26118	31125	36914	43571
		35	10434	12954	15880	19301	23303	27974	33400	39670	46870
		30	11088	13720	16821	20477	24776	29805	35651	42402	50144
		25	11753	14498	17772	21664	26259	31647	37912	45144	
		20	2272	15323	18772	22898	27790	33535	40220		
		15	13263	16232	19854	24216	29404	35507			
		10	14179	17260	21056	25653	31138				
	POWER INPUT (W)	65				12072	12606	13102	13556	13964	14324
		60		9986	10532	11053	11544	12003	12426	12810	13150
		55	8632	9144	9640	10116	10569	10996	11392	11754	12078
		50	7913	8373	8823	9259	9677	10074	10447	10791	11104
		45	7256	7668	8076	8475	8863	9235	9589	9919	10223
		40	6659	7027	7396	7763	8123	8474	8812	9132	9432
		35	6116	6443	6778	7116	7453	7786	8112	8426	8726
		30	5623	5914	6217	6530	6848	7168	7485	7797	8100
		25	5175	5434	5710	6002	6304	6614	6927	7241	
		20	2272	4999	5253	5527	5817	6121	6434		
		15	4401	4605	4840	5100	5382	5684			
		10	4065	4248	4467	4717	4996				
SE6089GS-0	COOLING CAPACITY (W)	65				11002	13336	15986	19043	22600	26748
		60		8446	10606	12964	15610	18637	22136	26200	30918
		55	7586	9760	12104	14710	17669	21073	25014	29584	34873
		50	8604	10897	13424	16278	19550	23331	27714	32789	38650
		45	9482	11894	14605	17707	21291	25449	30273	35855	42286
		40	10259	12790	15684	19034	22930	27465	32731	38818	45820
		35	10973	13622	16699	20296	24505	29417	35124	41717	49289
		30	11660	14428	17688	21533	26054	31343	37490	44589	52731
		25	12360	15246	18689	22782	27614	33279	39868	47473	
		20	2272	16114	19740	24080	29224	35266	42296		
		15	13947	17070	20878	25465	30922	37339			
		10	14910	18151	22142	26976	32744				
	POWER INPUT (W)	65				12695	13257	13778	14255	14685	15063
		60		10502	11076	11623	12140	12623	13068	13471	13828
		55	9078	9616	10137	10638	11115	11563	11979	12360	12701
		50	8321	8805	9278	9736	10176	10594	10986	11348	11677
		45	7631	8064	8493	8913	9320	9712	10083	10431	10751
		40	7002	7389	7777	8163	8542	8911	9266	9603	9919
		35	6431	6776	7127	7483	7837	8188	8531	8861	9176
		30	5913	6219	6538	6867	7201	7538	7872	8200	8518
		25	5442	5714	6005	6311	6629	6955	7285	7615	
		20	2272	5257	5524	5812	6117	6437	6766		
		15	4628	4843	5089	5363	5660	5977			
		10	4275	4468	4698	4961	5254				

Testing conditions: Return Gas Temperature 20°C, No subcooling Superheat 11,1 K, No subcooling

Subject to modification without prior notification

GENERAL DATA & PERFORMANCE

R404A - LBP 1~ (Testing Voltage 220V/50Hz)

MODEL	PARAMETER	CONDENSING TEMP. (°C)	EVAPORATING TEMPERATURE (°C)								
			-40	-35	-30	-25	-20	-15	-10	-5	0
SE2006GK-C	COOLING CAPACITY (W)	60				1346	1629	1961	2345	2785	3285
		55	800	987	1217	1493	1818	2198	2634	3131	3691
		50	860	1073	1334	1645	2010	2434	2919	3470	4089
		45	930	1166	1454	1798	2200	2666	3197	3799	4474
		40	1005	1261	1574	1947	2383	2887	3463	4112	4840
		35	1079	1352	1687	2087	2555	3095	3710	4405	5183
		30	1148	1436	1790	2213	2709	3283	3936	4673	5498
		25	1207	1507	1877	2321	2843	3446	4134	4911	5780
	POWER INPUT (W)	60				1971	2047	2126	2210	2296	2386
		55	1546	1609	1677	1750	1826	1907	1990	2077	2166
		50	1368	1432	1500	1573	1649	1729	1811	1897	1985
		45	1228	1291	1359	1430	1505	1583	1664	1747	1833
		40	1116	1178	1244	1313	1385	1461	1538	1619	1700
		35	1024	1083	1146	1212	1281	1352	1426	1502	1579
		30	942	997	1056	1117	1182	1248	1317	1387	1459
		25	860	911	964	1021	1079	1140	1202	1266	1331
SE2008GK-C	COOLING CAPACITY (W)	60				1719	2080	2504	2995	3557	4195
		55	1021	1260	1554	1906	2322	2806	3363	3997	4714
		50	1099	1371	1703	2100	2567	3108	3728	4431	5222
		45	1188	1489	1857	2296	2810	3404	4083	4851	5713
		40	1283	1610	2009	2486	3043	3687	4421	5251	6180
		35	1378	1727	2154	2665	3262	3952	4738	5625	6618
		30	1466	1834	2285	2826	3460	4192	5026	5967	7020
		25	1542	1924	2396	2964	3630	4400	5279	6271	7380
	POWER INPUT (W)	60				2527	2624	2726	2833	2944	3059
		55	1982	2063	2151	2243	2342	2444	2552	2663	2777
		50	1754	1836	1923	2016	2114	2216	2322	2432	2545
		45	1574	1655	1742	1834	1929	2030	2133	2240	2350
		40	1431	1510	1594	1683	1776	1873	1972	2075	2180
		35	1313	1389	1469	1554	1642	1734	1828	1925	2024
		30	1208	1278	1354	1433	1515	1600	1688	1779	1870
		25	1103	1168	1236	1308	1384	1461	1541	1623	1706

MODEL	PARAMETER	CONDENSING TEMP. (°C)	EVAPORATING TEMPERATURE (°C)								
			-40	-35	-30	-25	-20	-15	-10	-5	0
SE2010GK-C	COOLING CAPACITY (W)	60				2019	2444	2942	3518	4178	4927
		55	1200	1480	1825	2239	2728	3296	3951	4696	5537
		50	1291	1610	2000	2467	3016	3651	4379	5205	6134
		45	1395	1749	2181	2697	3300	3998	4796	5698	6711
		40	1507	1891	2361	2920	3575	4331	5194	6168	7260
		35	1619	2029	2531	3130	3832	4642	5566	6608	7774
		30	1722	2154	2685	3320	4064	4924	5904	7010	8246
		25	1811	2260	2815	3481	4264	5169	6201	7366	8670
	POWER INPUT (W)	60				2948	3061	3180	3305	3435	3569
		55	2312	2407	2509	2617	2732	2852	2977	3106	3240
		50	2046	2142	2244	2352	2466	2585	2709	2837	2969
		45	1837	1931	2032	2139	2251	2368	2489	2613	2741
		40	1670	1762	1860	1964	2072	2185	2301	2421	2543
		35	1532	1620	1714	1812	1915	2022	2133	2246	2362
		30	1409	1491	1579	1671	1767	1867	1970	2075	2182
		25	1287	1362	1442	1527	1614	1705	1798	1894	1991
SE2014GK-C	COOLING CAPACITY (W)	60				3055	3697	4450	5322	6320	7454
		55	1815	2240	2761	3387	4126	4987	5977	7104	8377
		50	1952	2436	3026	3732	4562	5523	6625	7874	9280
		45	2111	2647	3300	4079	4993	6049	7255	8620	10152
		40	2280	2861	3571	4417	5408	6552	7857	9331	10983
		35	2449	3069	3829	4735	5797	7023	8420	9996	11761
		30	2605	3259	4061	5022	6148	7449	8931	10604	12475
		25	2740	3419	4259	5267	6451	7820	9382	11144	13115
	POWER INPUT (W)	60				4060	4216	4380	4552	4730	4914
		55	3184	3315	3455	3605	3762	3927	4099	4278	4462
		50	2818	2949	3090	3240	3397	3561	3731	3907	4088
		45	2529	2660	2799	2946	3100	3261	3427	3599	3775
		40	2299	2427	2562	2704	2854	3009	3169	3334	3503
		35	2109	2231	2360	2496	2638	2785	2937	3093	3252
		30	1940	2054	2175	2302	2434	2571	2713	2858	3005
		25	1772	1876	1986	2102	2223	2348	2477	2608	2742

Testing conditions: Return Gas Temperature 20°C, No subcooling

Subject to modification without prior notification

R404A - LBP 3~ (Testing Voltage 380V/50Hz)

MODEL	PARAMETER	CONDENSING TEMPER. (°C)	EVAPORATING TEMPERATURE (°C)								
			-40	-35	-30	-25	-20	-15	-10	-5	0
SE2006GS-0	COOLING CAPACITY (W)	60				1346	1629	1961	2345	2785	3285
		55	800	987	1217	1493	1818	2198	2634	3131	3691
		50	860	1073	1334	1645	2010	2434	2919	3470	4089
		45	930	1166	1454	1798	2200	2666	3197	3799	4474
		40	1005	1261	1574	1947	2383	2887	3463	4112	4840
		35	1079	1352	1687	2087	2555	3095	3710	4405	5183
		30	1148	1436	1790	2213	2709	3283	3936	4673	5498
		25	1207	1507	1877	2321	2843	3446	4134	4911	5780
	POWER INPUT (W)	60				1954	2029	2108	2191	2277	2365
		55	1533	1596	1663	1735	1811	1890	1973	2059	2148
		50	1356	1420	1487	1559	1635	1714	1796	1881	1968
		45	1217	1280	1347	1418	1492	1569	1650	1732	1817
		40	1107	1168	1233	1302	1373	1448	1525	1605	1686
		35	1015	1074	1136	1201	1270	1341	1414	1489	1566
		30	934	989	1047	1108	1172	1238	1306	1375	1446
		25	853	903	956	1012	1070	1130	1192	1255	1320
SE2008GS-0	COOLING CAPACITY (W)	60				1719	2080	2504	2995	3557	4195
		55	1021	1260	1554	1906	2322	2806	3363	3997	4714
		50	1099	1371	1703	2100	2567	3108	3728	4431	5222
		45	1188	1489	1857	2296	2810	3404	4083	4851	5713
		40	1283	1610	2009	2486	3043	3687	4421	5251	6180
		35	1378	1727	2154	2665	3262	3952	4738	5625	6618
		30	1466	1834	2285	2826	3460	4192	5026	5967	7020
		25	1542	1924	2396	2964	3630	4400	5279	6271	7380
	POWER INPUT (W)	60				2476	2571	2672	2776	2885	2998
		55	1942	2022	2108	2199	2295	2395	2500	2609	2721
		50	1719	1799	1885	1976	2072	2172	2276	2383	2494
		45	1543	1622	1707	1797	1891	1989	2090	2195	2303
		40	1403	1480	1563	1650	1741	1835	1933	2034	2136
		35	1287	1361	1440	1522	1609	1699	1792	1887	1984
		30	1183	1253	1326	1404	1485	1568	1655	1743	1833
		25	1081	1144	1212	1282	1356	1432	1511	1591	1672
SE2010GS-0	COOLING CAPACITY (W)	60				2019	2444	2942	3518	4178	4927
		55	1200	1480	1825	2239	2728	3296	3951	4696	5537
		50	1291	1610	2000	2467	3016	3651	4379	5205	6134
		45	1395	1749	2181	2697	3300	3998	4796	5698	6711
		40	1507	1891	2361	2920	3575	4331	5194	6168	7260
		35	1619	2029	2531	3130	3832	4642	5566	6608	7774
		30	1722	2154	2685	3320	4064	4924	5904	7010	8246
		25	1811	2260	2815	3481	4264	5169	6201	7366	8670
	POWER INPUT (W)	60				2881	2991	3108	3230	3356	3487
		55	2259	2352	2452	2558	2669	2787	2909	3035	3166
		50	1999	2093	2193	2299	2410	2526	2647	2772	2901
		45	1795	1887	1986	2090	2200	2314	2432	2554	2678
		40	1632	1722	1818	1919	2025	2135	2249	2366	2485
		35	1497	1583	1675	1771	1872	1976	2084	2195	2308
		30	1377	1457	1543	1633	1727	1825	1925	2028	2132
		25	1258	1331	1409	1492	1577	1666	1757	1851	1945

MODEL	PARAMETER	CONDENSING TEMPER. (°C)	EVAPORATING TEMPERATURE (°C)								
			-40	-35	-30	-25	-20	-15	-10	-5	0
SE2014GS-0	COOLING CAPACITY (W)	60				3055	3697	4450	5322	6320	7454
		55	1815	2240	2761	3387	4126	4987	5977	7104	8377
		50	1952	2436	3026	3732	4562	5523	6625	7874	9280
		45	2111	2647	3300	4079	4993	6049	7255	8620	10152
		40	2280	2861	3571	4417	5408	6552	7857	9331	10983
		35	2449	3069	3829	4735	5797	7023	8420	9996	11761
		30	2605	3259	4061	5022	6148	7449	8931	10604	12475
		25	2740	3419	4259	5267	6451	7820	9382	11144	13115
	POWER INPUT (W)	60				3976	4128	4289	4457	4632	4813
		55	3118	3246	3384	3530	3684	3846	4014	4189	4369
		50	2759	2888	3026	3172	3326	3487	3654	3826	4003
		45	2477	2605	2741	2885	3036	3193	3356	3524	3697
		40	2252	2376	2509	2648	2794	2946	3103	3265	3430
		35	2066	2185	2311	2444	2583	2727	2876	3029	3185
		30	1900	2011	2130	2254	2384	2518	2656	2798	2943
		25	1736	1837	1945	2059	2177	2299	2425	2554	2685
SE2017GS-0	COOLING CAPACITY (W)	60				3624	4386	5280	6314	7499	8844
		55	2154	2657	3276	4019	4896	5917	7091	8428	9938
		50	2316	2890	3590	4428	5413	6553	7860	9342	11010
		45	2505	3140	3915	4840	5924	7177	8608	10227	12045
		40	2705	3395	4237	5241	6417	7774	9322	11071	13030
		35	2905	3641	4542	5618	6878	8332	9989	11860	13954
		30	3091	3866	4819	5958	7295	8838	10597	12581	14801
		25	3250	4056	5053	6249	7654	9278	11131	13222	15561
	POWER INPUT (W)	60				4565	4741	4925	5118	5319	5526
		55	3581	3728	3885	4053	4230	4416	4610	4810	5017
		50	3169	3317	3475	3643	3819	4004	4195	4394	4597
		45	2844	2991	3147	3313	3486	3667	3854	4047	4245
		40	2586	2729	2881	3041	3209	3383	3563	3749	3939
		35	2372	2509	2654	2807	2966	3132	3303	3478	3657
		30	2182	2310	2445	2588	2737	2891	3050	3213	3379
		25	1993	2110	2234	2364	2500	2640	2785	2933	3083
SE2020GS-0	COOLING CAPACITY (W)	60				4246	5138	6185	7396	8784	10360
		55	2523	3113	3837	4707	5735	6931	8306	9873	11642
		50	2714	3385	4206	5187	6340	7677	9207	10944	12897
		45	2934	3678	4586	5670	6939	8407	10084	11981	14109
		40	3169	3977	4963	6139	7517	9107	10920	12969	15264
		35	3403	4265	5321	6581	8057	9760	11702	13893	16346
		30	3621	4529	5645	6980	8545	10353	12413	14738	17339
		25	3807	4752	5919	7320	8966	10868	13039	15488	18228
	POWER INPUT (W)	60				5306	5510	5725	5949	6182	6424
		55	4162	4333	4516	4711	4917	5133	5358	5591	5832
		50	3683	3855	4039	4234	4439	4654	4877	5107	5344
		45	3306	3476	3658	3850	4052	4262	4480	4704	4934
		40	3005	3172	3348	3535	3730	3932	4142	4358	4578
		35	2757	2916	3085	3262	3448	3640	3839	4043	4251
		30	2536	2685	2842	3008	3181	3361	3546	3735	3928
		25	2317	2452	2596	2748	2906	3069	3237	3409	3584

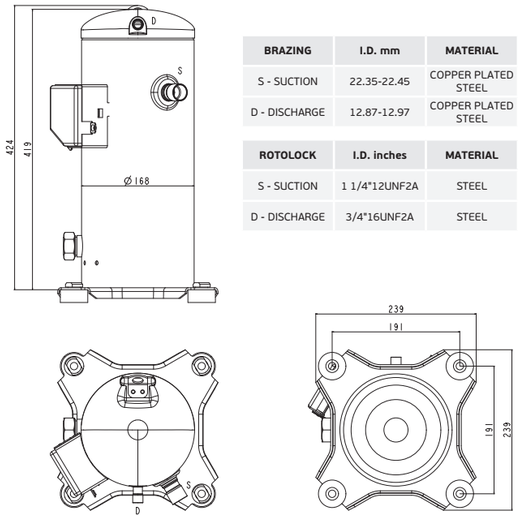
Testing conditions: Return Gas Temperature 20°C, No subcooling

Subject to modification without prior notification

EXTERNAL VIEW & WIRING DIAGRAMS

EXTERNAL VIEWS

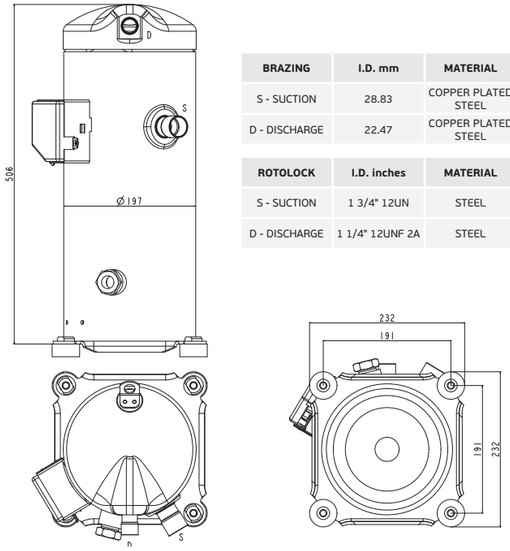
MBP_2-6 HP



BRAZING	I.D. mm	MATERIAL
S - SUCTION	22.35-22.45	COPPER PLATED STEEL
D - DISCHARGE	12.87-12.97	COPPER PLATED STEEL

ROTOLOCK	I.D. inches	MATERIAL
S - SUCTION	1 1/4"12UNF2A	STEEL
D - DISCHARGE	3/4"16UNF2A	STEEL

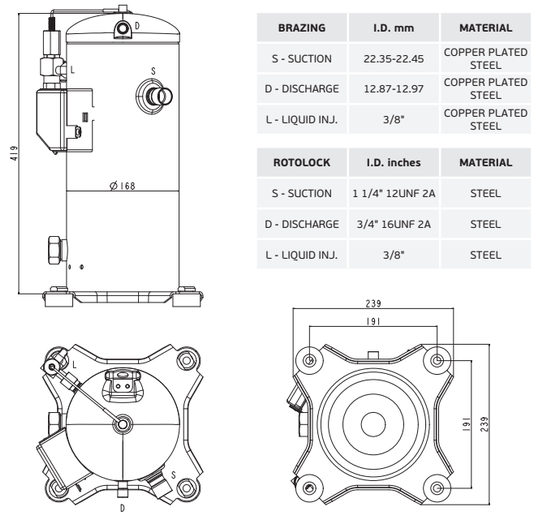
MBP_7-13 HP



BRAZING	I.D. mm	MATERIAL
S - SUCTION	28.83	COPPER PLATED STEEL
D - DISCHARGE	22.47	COPPER PLATED STEEL

ROTOLOCK	I.D. inches	MATERIAL
S - SUCTION	1 3/4" 12UN	STEEL
D - DISCHARGE	1 1/4" 12UNF 2A	STEEL

LBP_2-6 HP



BRAZING	I.D. mm	MATERIAL
S - SUCTION	22.35-22.45	COPPER PLATED STEEL
D - DISCHARGE	12.87-12.97	COPPER PLATED STEEL
L - LIQUID INJ.	3/8"	COPPER PLATED STEEL

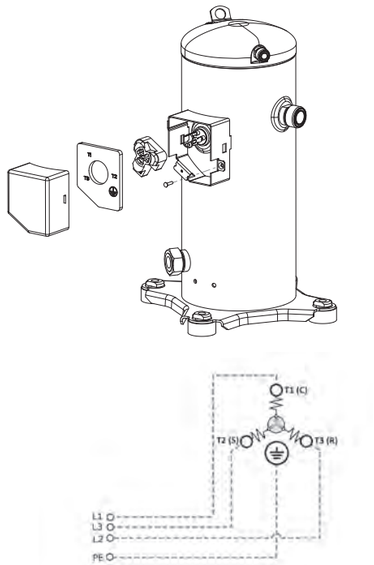
ROTOLOCK	I.D. inches	MATERIAL
S - SUCTION	1 1/4" 12UNF 2A	STEEL
D - DISCHARGE	3/4" 16UNF 2A	STEEL
L - LIQUID INJ.	3/8"	STEEL

WIRING DIAGRAMS

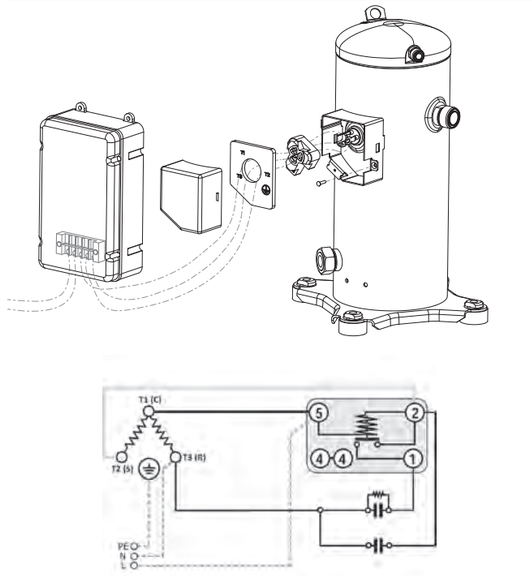
WIRING DIAGRAMS KEY

	POTENTIAL RELAY
	RUN CAPACITOR
	START CAPACITOR
	3-PHASE MOTOR
	SINGLE PHASE MOTOR
	EARTH CONNECTION

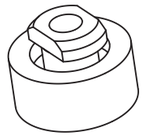
SM31_3 PHASE

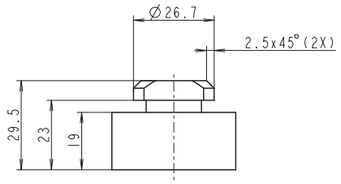


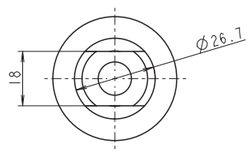
SM30 - CSR SINGLE PHASE

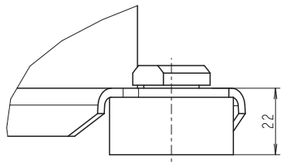


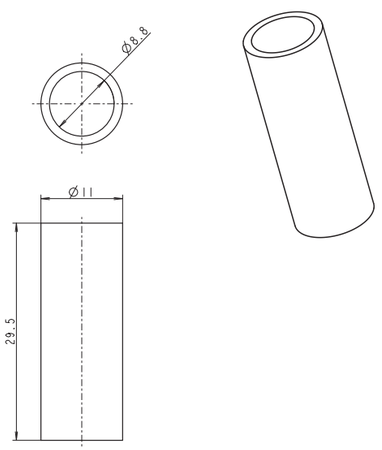
GROMMET AND SLEEVES











Components of external suspension system are supplied partly by Embraco (rubber grommets and sleeves) while remaining components for their blocking - screws, washers, nuts, have to be sourced by customer.
It is recommended to use screw M10 and tightening torque 12-14Nm.

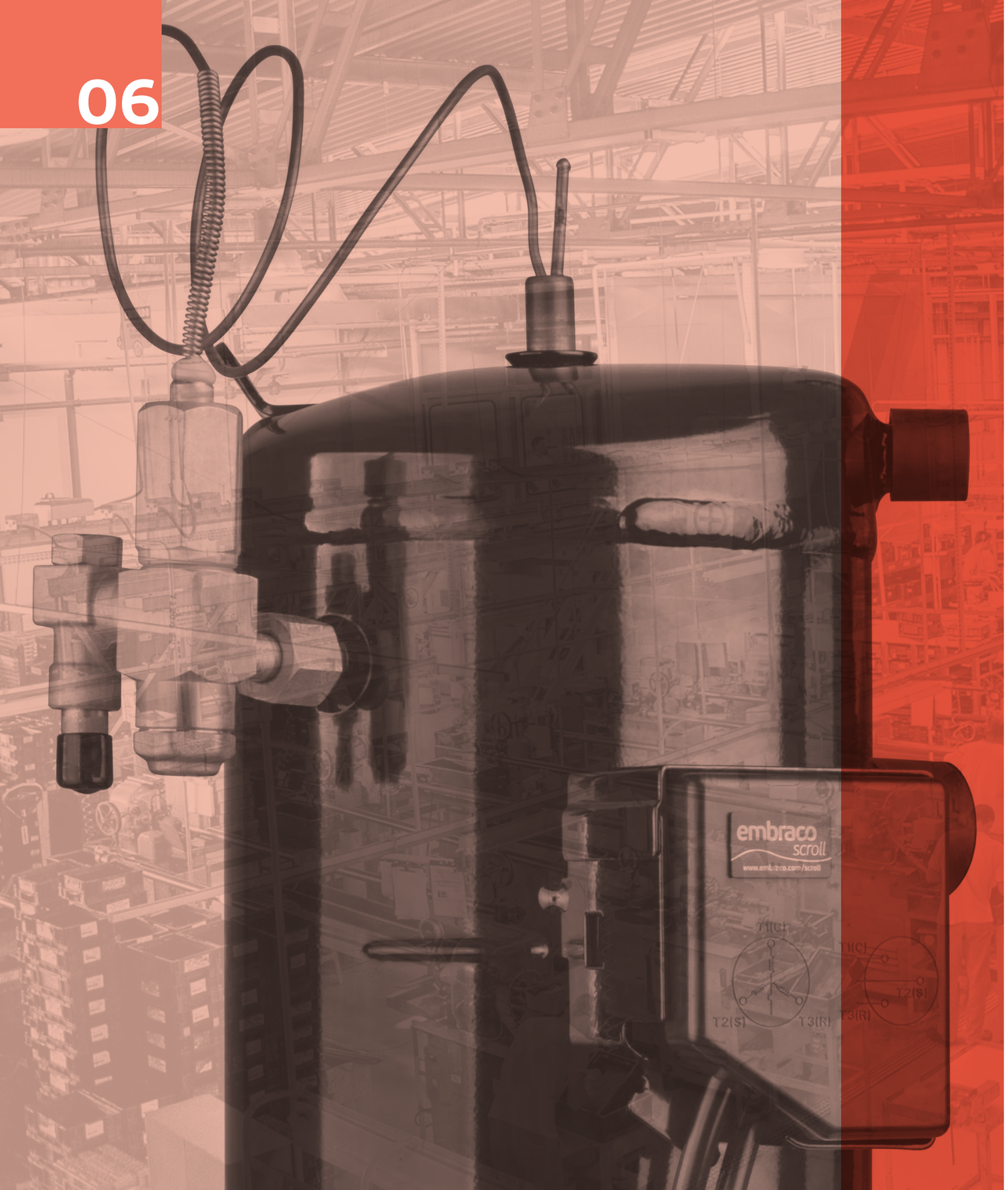
RACK SYSTEM

The usage of standard grommets is not recommended for scroll rack installations. Special grommets should be used, formulated from a hardened material specifically designed for refrigeration applications.

OIL SIGHT GLASS

Compressors are delivered with oil sight glass already assembled on compressor. Dimension of sight glass 1 1/4"-12UNF, recommended tightening torque 55-60Nm.

06



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