

Technical Manual

(Original Instruction)

**Reciprocating condensing unit
for medium temperature application**

Series 1

JEHCCU0040CM1
JEHCCU0050CM1
JEHCCU0051CM1
JEHCCU0063CM1
JEHCCU0067CM1
JEHCCU0077CM1
JEHCCU0095CM1
JEHCCU0100CM1
JEHCCU0113CM1

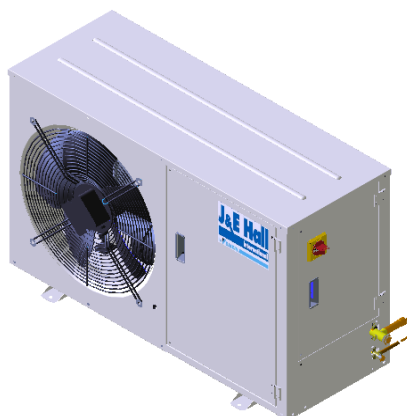
Series 2

JEHCCU0140CM1
JEHCCU0140CM3

**Reciprocating condensing unit
for low temperature application**

Series 1

JEHCCU0115CL1



**Scroll condensing unit
for medium temperature application**

Series 2

JEHSCU0200CM1
JEHSCU0200CM3
JEHSCU0250CM1
JEHSCU0250CM3
JEHSCU0300CM1
JEHSCU0300CM3
JEHSCU0350CM3

Series 3

JEHSCU0400CM3
JEHSCU0500CM3
JEHSCU0600CM3
JEHSCU0680CM3

Series 4

JEHSCU0800CM3
JEHSCU1000CM3

**Scroll condensing unit
for low temperature application**

Series 2

JEHSCU0200CL3
JEHSCU0300CL3

Series 3

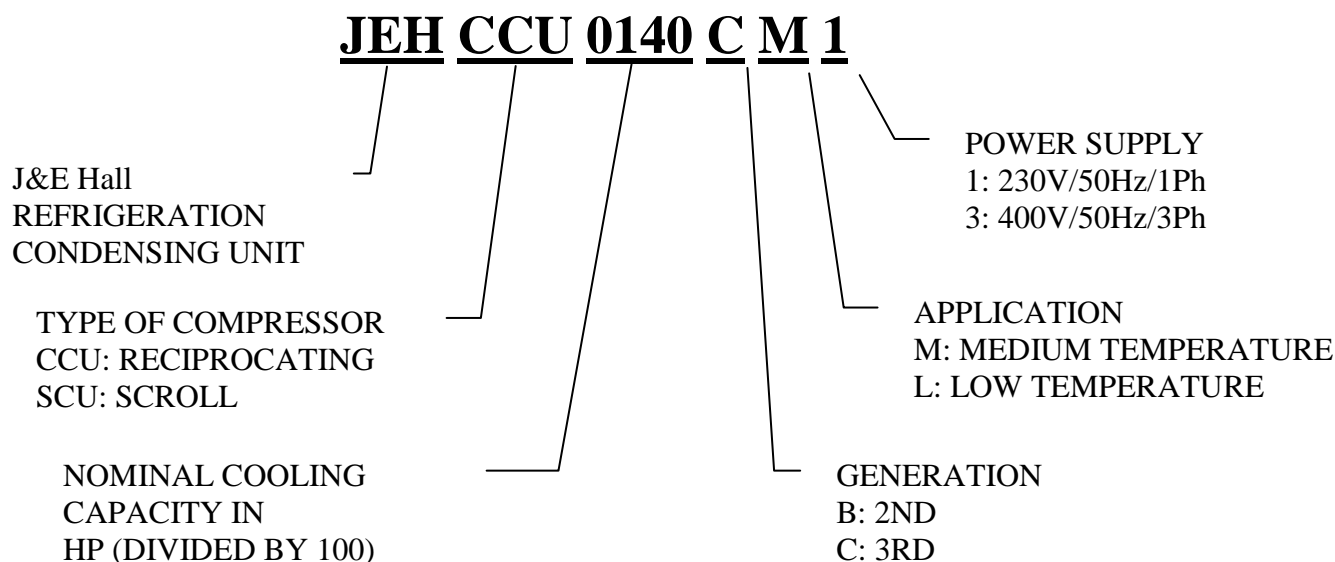
JEHSCU0400CL3
JEHSCU0500CL3
JEHSCU0600CL3

Series 4

JEHSCU0750CL3

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1. Nomenclature



2. Product Overview

● R-134a
 ● R-404A
 ● R-407A
 ● R-407F

Capacity(kW)	0.5	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Model																	
Medium temperature*																	
JEHCCU0040CM1	●																
JEHCCU0050CM1		●●●															
JEHCCU0051CM1		●															
JEHCCU0063CM1		●															
JEHCCU0067CM1		●●●															
JEHCCU0077CM1		●															
JEHCCU0095CM1		●															
JEHCCU0100CM1		●●●															
JEHCCU0113CM1		●	●●														
JEHCCU0140CM1/3			●●●														
JEHSCU0200CM1/3			●	●●●													
JEHSCU0250CM1/3			●		●●●												
JEHSCU0300CM1/3				●	●	●											
JEHSCU0350CM3				●		●											
JEHSCU0400CM3					●			●●●									
JEHSCU0500CM3						●		●●●	●●●								
JEHSCU0600CM3							●		●●●	●●●							
JEHSCU0680CM3								●		●●●							
JEHSCU0800CM3									●				●●	●			
JEHSCU1000CM3										●						●	●●

* Evaporating temperature = -10°C, Outside ambient temperature = 32°C
Rating Condition: Superheat 10K, Subcooling 0K

Note: Detailed Capacity Data refer to page 15.

● R-404A ● R-407A

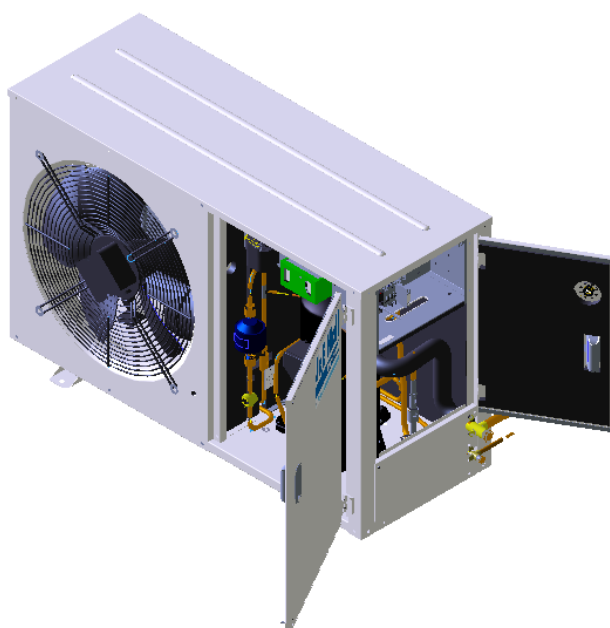
Capacity(kW)	0.5	1	2	3	4	5
Model						
JEHCCU0115CL1	●					
JEHSCU0200CL3		●				
JEHSCU0300CL3			●			
JEHSCU0400CL3			●	●		
JEHSCU0500CL3				●	●	
JEHSCU0600CL3				●	●	
JEHSCU0750CL3					●	●

* Evaporating temperature = -35°C, Outside ambient temperature = 32°C
Rating Condition: Suction Return Gas 20°C, Subcooling 0K

Note: Detailed Capacity Data refer to page 35.

3. Standard Product Configuration

- 1) Compact and lightweight: easier handling coupled with lower transportation and storage costs
- 2) Quick installation: Shut off valves at suction and liquid line
- 3) Weatherproof housing & IP54 rated control box: outdoor application
- 4) Two access door: Easy access to all components for installation and servicing.
- 5) Micro Channel Heat Exchanger for Series 1 & 2: Lighter weight, less refrigerant charge and easy cleaning.
- 6) Reciprocating/scroll compressor: reliable operation; multi-refrigerant.
- 7) Shut off valves on the compressor, receiver and service valves on service ports: save time for all servicing
- 8) Sound proofing lining on the housing: lower noise
- 9) Fan speed controller: energy reduction and noise reduction for low ambient operation.
- 10) Large volume of liquid receiver: accommodate refrigerant charge not less than 25 meter piping length.
- 11) Environmental friendly: meet Energy related Product (ErP) directive for condensing unit and fan.
- 12) Reliability: 100% factory tested



4. Specifications

Model		Series	COP/SEPR				Compressor			Oil type	Electrical Data							Airflow (m³/h)	Receiver Volume (Liter)	Connection		Dimensions			Weight (kg)	Sound pressure dB(A) ^c at 10 meter
			R404A	R407A	R407F	R134a	Type	Displaceme nt (m³/h)	Oil Charge (Liter)		Power Input	Nominal Current ^a (A) R404A	Nominal Current ^a (A) R407A	Nominal Current ^a (A) R407F	Nominal Current ^a (A) R134a	Lock Rotor current (A)	MFA ^b (A)			Suction (inch)	Liquid (inch)	Width (mm)	Depth (mm)	Height (mm)		
Medium temperature	JEHCCU0050CM1	1	1,45	1,33	1,47	N/A	AE4460Z-FZ1C	1,80	0,28	Oil A ^f	230V/1~/50Hz	3,79	3,74	3,78	N/A	19,4	10	1300	1,2	3/8"	1/4"	876	420	607	45	29
	JEHCCU0067CM1	1	1,61	1,37	1,49	N/A	CAJ9480Z	2,64	0,887		230V/1~/50Hz	3,53	3,32	3,53	N/A	22,6	10	1300	1,2	1/2"	3/8"	876	420	607	54	28
	JEHCCU0100CM1	1	1,61	1,43	1,51	N/A	CAJ9510Z	3,18	0,887		230V/1~/50Hz	4,26	4,00	4,21	N/A	30	10	1300	1,2	1/2"	3/8"	876	420	607	54	28
	JEHCCU0113CM1	1	1,60	1,52	1,58	N/A	CAJ9513Z	4,21	0,887		230V/1~/50Hz	5,27	4,88	5,11	N/A	33,5	12	1300	1,2	1/2"	3/8"	876	420	607	55	28
	JEHCCU0040CM1	1	N/A	N/A	N/A	1,28	AE4440Y-FZ1A	1,80	0,28		230V/1~/50Hz	N/A	N/A	N/A	2,55	13,2	10	1300	1,2	3/8"	1/4"	876	420	607	45	29
	JEHCCU0051CM1	1	N/A	N/A	N/A	1,53	CAJ4461Y	3,18	0,887		230V/1~/50Hz	N/A	N/A	N/A	3,65	19	10	1300	1,2	3/8"	1/4"	876	420	607	53	29
	JEHCCU0063CM1	1	N/A	N/A	N/A	1,55	CAJ4476Y	3,79	0,887		230V/1~/50Hz	N/A	N/A	N/A	4,65	24	10	1300	1,2	3/8"	1/4"	876	420	607	53	29
	JEHCCU0077CM1	1	N/A	N/A	N/A	1,63	CAJ4492Y	4,51	0,887		230V/1~/50Hz	N/A	N/A	N/A	5,25	27	10	1300	1,2	1/2"	3/8"	876	420	607	54	29
	JEHCCU0095CM1	1	N/A	N/A	N/A	1,65	CAJ4511Y	5,69	0,887		230V/1~/50Hz	N/A	N/A	N/A	4,17	30	10	1300	1,2	1/2"	3/8"	876	420	607	54	29
	JEHCCU0140CM1	2	1,68	1,57	1,75	N/A	CAJ4517Z	4,52	0,887		230V/1~/50Hz	5,90	5,19	6,07	N/A	38,5	16	2700	4,5	5/8"	3/8"	1101	444	662	68	34
	JEHCCU0140CM3	2	1,80	1,50	1,67	N/A	TAJ4517Z	4,52	0,887	400V/3~/50Hz	2,94	2,37	2,96	N/A	18	10	2700	4,5	5/8"	3/8"	1101	444	662	68	34	
	JEHSCU0200CM1	2	2,25	2,13	1,88	1,85	ZB15KOE-PFJ	5,90	1,24	Oil C ^f	230V/1~/50Hz	7,88	8,10	8,68	5,45	58	16	2700	4,5	3/4"	3/8"	1101	444	662	70	33
	JEHSCU0200CM3	2	2,06	2,07	1,81	2,12	ZB15KOE-TFD	5,90	1,24		400V/3~/50Hz	3,51	3,43	3,65	2,94	26	10	2700	4,5	3/4"	3/8"	1101	444	662	70	33
	JEHSCU0250CM1	2	2,00	2,01	1,79	2,14	ZB19KOE-PFJ	6,80	1,30		230V/1~/50Hz	9,87	9,70	10,35	6,24	61	16	2700	4,5	3/4"	3/8"	1101	444	662	72	34
	JEHSCU0250CM3	2	2,07	1,95	1,79	2,13	ZB19KOE-TFD	6,80	1,36		400V/3~/50Hz	4,75	4,41	4,71	3,36	32	10	2700	4,5	3/4"	3/8"	1101	444	662	72	34
	JEHSCU0300CM1	2	1,88	1,89	1,69	2,13	ZB21KOE-PFJ	8,60	1,45		230V/1~/50Hz	12,83	12,32	13,13	7,44	82	20	2700	4,5	3/4"	3/8"	1101	444	662	74	36
	JEHSCU0300CM3	2	1,94	1,86	1,65	2,10	ZB21KOE-TFD	8,60	1,45		400V/3~/50Hz	4,97	4,80	5,66	3,75	40	10	2700	4,5	3/4"	3/8"	1101	444	662	74	36
	JEHSCU0350CM3	2	2,61	N/A	N/A	2,08	ZB26KOE-TFD	9,90	1,5		400V/3~/50Hz	6,43	N/A	N/A	4,28	46	10	2700	4,5	3/4"	3/8"	1101	444	662	74	39
	JEHSCU0400CM3	3	2,77	3,09	2,83	2,29	ZB29KOE-TFD	11,40	1,36		400V/3~/50Hz	8,20	6,20	6,31	5,20	50	16	4250	7,6	7/8"	1/2"	1353	575	872	119	37
	JEHSCU0500CM3	3	2,64	2,81	2,60	2,69	ZB38KOE-TFD	14,40	2,07		400V/3~/50Hz	9,11	8,30	8,40	6,57	65,5	16	4250	7,6	7/8"	1/2"	1353	575	872	123	38
	JEHSCU0600CM3	3	2,72	2,75	2,69	2,63	ZB45KOE-TFD	17,10	1,89		400V/3~/50Hz	9,56	8,62	9,21	6,87	74	16	4100	7,6	1-1/8"	1/2"	1353	575	872	125	40
	JEHSCU0680CM3	3	2,65	2,64	2,59	2,57	ZB48KOE-TFD	18,80	1,8		400V/3~/50Hz	12,33	11,50	11,80	8,67	101	20	4100	7,6	1-1/8"	1/2"	1353	575	872	126	40
	JEHSCU0800CM3	4	2,90	2,88	2,83	2,92	ZB58KCE-TFD	22,10	2,5		400V/3~/50Hz	13,00	12,57	12,33	12,41	95	20	8500	13,6	1-1/8"	3/4"	1348	641	1727	218	43
	JEHSCU1000CM3	4	2,57	2,35	2,53	2,88	ZB76KCE-TFD	29,10	3,2		400V/3~/50Hz	16,20	15,67	15,76	12,60	118	25	8500	13,6	1-3/8"	3/4"	1348	641	1727	218	43

^a Refer to condition: Outside ambient temperature= 32°C, Evaporation temperature = -10°C, Superheat 10K, Subcooling 0K (medium temperature application)

^b MFA = Maximum Fuse Amps (R404A)

^c Sound pressure level measured in anechoic room

^f Oil A = Uniqema Emkarate RL32CF

^f Oil C = Polyester oil (Copeland Ultra 22 CC, Copeland Ultra 32 CC, Copeland Ultra 32-3MAF, Mobil EAL™ Arctic 22 CC, Uniqema Emkarate RL32CF)

Note: condensing units are pre-charged with oil as stated in table

T-CU03-OCT14-1

All specifications are subjected to change by the manufacturer without prior notice.

The English text is the original instruction. Other languages are the translations of the original instructions.

Model		Series	COP/SEPR		Compressor			Oil type	Electrical Data					Airflow (m³/h)	Receiver	Connection		Dimensions			Weight (kg)	Sound pressure dB(A) ^g at 10 meter
			R404A	R407A	Type	Displacement (m³/h)	Oil Charge (Liter)		Power Input	Nominal Current ^a (A) R404A	Nominal Current ^a (A) R407A	Lock Rotor current (A)	MFA ^b (A)		Volume (Liter)	Suction (inch)	Liquid (inch)	Width (mm)	Depth (mm)	Height (mm)		
Low temperature	JEHCCU0115CL1	1	0,96	N/A	CAJ2446Z	4,55	0,887	Oil A ^f	230V/ 1~50Hz	4,00	N/A	29	10	1300	1,2	3/8"	1/4"	876	420	607	55	31
	JEHSCU0200CL3	2	0,97	N/A	ZF06K4E-TFD	5,9	1,3	Oil C ^f	400V/ 3~50Hz	3,30	N/A	26	10	2700	4,5	1/2"	3/8"	1101	444	662	70	32
	JEHSCU0300CL3	2	1,09	N/A	ZF09K4E-TFD	8	1,5		400V/ 3~50Hz	4,40	N/A	40	10	2700	4,5	5/8"	3/8"	1101	444	662	70	33
	JEHSCU0400CL3	3	1,88	1,67	ZF13K4E-TFD	11,8	1,9		400V/ 3~50Hz	5,79	5,39	51,5	10	4250	7,6	1-1/8"	1/2"	1353	575	872	132	37
	JEHSCU0500CL3	3	1,79	1,67	ZF15K4E-TFD	14,5	1,9		400V/ 3~50Hz	7,59	6,58	64	16	4250	7,6	1-1/8"	1/2"	1353	575	872	132	39
	JEHSCU0600CL3	3	1,80	1,52	ZF18K4E-TFD	17,1	1,9		400V/ 3~50Hz	8,51	7,00	74	16	4250	7,6	1-1/8"	1/2"	1353	575	872	133	41
	JEHSCU0750CL3	4	1,82	1,51	ZF25K4E-TFD	21,40	1,9		400V/ 3~50Hz	9,15	8,75	102	16	5750	13,6	1-1/8"	1/2"	1348	605	1727	203	41

^a Refer to condition: Outside ambient temperature= 32°C, Evaporation temperature = -35°C , Suction Return Gas Temperature = 20°C , Subcooling 0K (low temperature application)

^b MFA = Maximum Fuse Amps (R404A)

^c Sound pressure level measured in anechoic room

^f Oil A = Uniqema Emkarate RL32CF

^f Oil C = Polyester oil (Copeland Ultra 22 CC, Copeland Ultra 32 CC, Copeland Ultra 32-3MAF, Mobil EAL™ Arctic 22 CC, Uniqema Emkarate RL32CF)

Note: condensing units are pre-charged with oil as stated in table

MODEL : JEHCCU0040CM1

Refrigerant fluid:		R134a	
Item	Symbol	Value	Unit
Evaporating temperature*	t	-10	°C
Parameters at full load and ambient temperature 32°C			
Rated cooling capacity	P_A	0,55	kW
Rated power input	D_A	0,43	kW
Rated COP	COP_A	1,28	
Parameters at full load and ambient temperature 25°C			
Cooling capacity	P_2	0,58	kW
Power input	D_2	0,38	kW
COP	COP_2	1,55	
Parameters at full load and ambient temperature 43°C			
Cooling capacity	P_3	0,48	kW
Power input	D_3	0,40	kW
COP	COP_3	1,18	
Other items			
Capacity control	Fixed		
Coefficient of degradation for fixed and staged capacity units*	C_d	0,25	
Contact details	Daikin Refrigeration Malaysia Sdn. Bhd. Lot 10, Jalan Perusahaan 8, Kawasan Perusahaan Pekan Banting, 42700 Banting, Selangor Darul Ehsan.		



7RC0040EM-
ABBA-57

MODEL : JEHCCU0051CM1

Refrigerant fluid:		R134a	
Item	Symbol	Value	Unit
Evaporating temperature*	t	-10	°C
Parameters at full load and ambient temperature 32°C			
Rated cooling capacity	P_A	0,83	kW
Rated power input	D_A	0,54	kW
Rated COP	COP_A	1,53	
Parameters at full load and ambient temperature 25°C			
Cooling capacity	P_2	0,91	kW
Power input	D_2	0,52	kW
COP	COP_2	1,75	
Parameters at full load and ambient temperature 43°C			
Cooling capacity	P_3	0,69	kW
Power input	D_3	0,57	kW
COP	COP_3	1,20	
Other items			
Capacity control	Fixed		
Coefficient of degradation for fixed and staged capacity units*	Cd	0,25	
Contact details	Daikin Refrigeration Malaysia Sdn. Bhd. Lot 10, Jalan Perusahaan 8, Kawasan Perusahaan Pekan Banting, 42700 Banting, Selangor Darul Ehsan.		



7RC0051EM-
ABBA-57

Model : JEHCCU0063CM1

Refrigerant fluid:		R134a	
Item	Symbol	Value	Unit
Evaporating temperature*	t	-10	°C
Parameters at full load and ambient temperature 32°C			
Rated cooling capacity	P_A	0,99	kW
Rated power input	D_A	0,64	kW
Rated COP	COP_A	1,55	
Parameters at full load and ambient temperature 25°C			
Cooling capacity	P_2	1,11	kW
Power input	D_2	0,62	kW
COP	COP_2	1,80	
Parameters at full load and ambient temperature 43°C			
Cooling capacity	P_3	0,80	kW
Power input	D_3	0,66	kW
COP	COP_3	1,21	
Other items			
Capacity control	Fixed		
Coefficient of degradation for fixed and staged capacity units*	Cd	0,25	
Contact details	Daikin Refrigeration Malaysia Sdn. Bhd. Lot 10, Jalan Perusahaan 8, Kawasan Perusahaan Pekan Banting, 42700 Banting, Selangor Darul Ehsan.		



7RC0063EM-
ABBA-57

Model : JEHCCU0077CM1

Refrigerant fluid:		R134a	
Item	Symbol	Value	Unit
Evaporating temperature*	t	-10	°C
Parameters at full load and ambient temperature 32 °C			
Rated cooling capacity	P_A	1,20	kW
Rated power input	D_A	0,74	kW
Rated COP	COP_A	1,63	
Parameters at full load and ambient temperature 25 °C			
Cooling capacity	P_2	1,35	kW
Power input	D_2	0,69	kW
COP	COP_2	1,96	
Parameters at full load and ambient temperature 43 °C			
Cooling capacity	P_3	0,98	kW
Power input	D_3	0,75	kW
COP	COP_3	1,30	
Other items			
Capacity control	Fixed		
Coefficient of degradation for fixed and staged capacity units*	Cd	0,25	
Contact details	Daikin Refrigeration Malaysia Sdn. Bhd. Lot 10, Jalan Perusahaan 8, Kawasan Perusahaan Pekan Banting, 42700 Banting, Selangor Darul Ehsan.		



7RC0077EM-
ABBA-57

Model : JEHCCU0095CM1

Refrigerant fluid:		R134a	
Item	Symbol	Value	Unit
Evaporating temperature*	t	-10	°C
Parameters at full load and ambient temperature 32°C			
Rated cooling capacity	P_A	1,49	kW
Rated power input	D_A	0,90	kW
Rated COP	COP_A	1,65	
Parameters at full load and ambient temperature 25°C			
Cooling capacity	P_2	1,68	kW
Power input	D_2	0,82	kW
COP	COP_2	2,05	
Parameters at full load and ambient temperature 43°C			
Cooling capacity	P_3	1,23	kW
Power input	D_3	0,93	kW
COP	COP_3	1,32	
Other items			
Capacity control	Fixed		
Coefficient of degradation for fixed and staged capacity units*	Cd	0,25	
Contact details	Daikin Refrigeration Malaysia Sdn. Bhd. Lot 10, Jalan Perusahaan 8, Kawasan Perusahaan Pekan Banting, 42700 Banting, Selangor Darul Ehsan.		



7RC0095EM-
ABBA-57

Model : JEHCCU0050CM1

Refrigerant fluid:		R404A	R407A	R407F	
Item	Symbol	Value			Unit
Evaporating temperature*	t	-10			°C
Parameters at full load and ambient temperature 32°C					
Rated cooling capacity	P_A	0,91	0,72	0,78	kW
Rated power input	D_A	0,63	0,54	0,53	kW
Rated COP	COP_A	1,45	1,33	1,47	
Parameters at full load and ambient temperature 25°C					
Cooling capacity	P_2	1,04	0,73	0,81	kW
Power input	D_2	0,55	0,52	0,50	kW
COP	COP_2	1,88	1,39	1,62	
Parameters at full load and ambient temperature 43°C					
Cooling capacity	P_3	0,73	0,66	0,70	kW
Power input	D_3	0,67	0,57	0,58	kW
COP	COP_3	1,10	1,16	1,20	
Other items					
Capacity control	Fixed				
Coefficient of degradation for fixed and staged capacity units*	Cd	0,25			
Contact details	Daikin Refrigeration Malaysia Sdn. Bhd. Lot 10, Jalan Perusahaan 8, Kawasan Perusahaan Pekan Banting, 42700 Banting, Selangor Darul Ehsan.				



6RC0050EM-
ABBA-57

Model : JEHCCU0067CM1 **Error! Not a valid link.**

Refrigerant fluid:			R404A	R407A	R407F	
Item		Symbol	Value			Unit
Evaporating temperature*		t	-10			°C
Parameters at full load and ambient temperature 32 °C						
Rated cooling capacity		P_A	1,23	0,97	1,03	kW
Rated power input		D_A	0,76	0,70	0,69	kW
Rated COP		COP_A	1,61	1,37	1,49	
Parameters at full load and ambient temperature 25 °C						
Cooling capacity		P_2	1,39	1,00	1,09	kW
Power input		D_2	0,72	0,69	0,66	kW
COP		COP_2	1,92	1,45	1,66	
Parameters at full load and ambient temperature 43 °C						
Cooling capacity		P_3	0,94	N/A	N/A	kW
Power input		D_3	0,79	N/A	N/A	kW
COP		COP_3	1,18	N/A	N/A	
Other items						
Capacity control			Fixed			
Coefficient of degradation for fixed and staged capacity units*		Cd	0,25			
Contact details		Daikin Refrigeration Malaysia Sdn. Bhd. Lot 10, Jalan Perusahaan 8, Kawasan Perusahaan Pekan Banting, 42700 Banting, Selangor Darul Ehsan.				



6RC0067EM-ABBA-
57

Model : JEHCCU0100CM1

Refrigerant fluid:			R404A	R407A	R407F	
Item		Symbol	Value			Unit
Evaporating temperature*		t	-10			°C
Parameters at full load and ambient temperature 32 °C						
Rated cooling capacity		P_A	1,50	1,19	1,26	kW
Rated power input		D_A	0,93	0,84	0,83	kW
Rated COP		COP_A	1,61	1,42	1,51	
Parameters at full load and ambient temperature 25 °C						
Cooling capacity		P_2	1,64	1,23	1,33	kW
Power input		D_2	0,88	0,82	0,79	kW
COP		COP_2	1,87	1,50	1,68	
Parameters at full load and ambient temperature 43 °C						
Cooling capacity		P_3	1,16	N/A	N/A	kW
Power input		D_3	0,96	N/A	N/A	kW
COP		COP_3	1,21	N/A	N/A	
Other items						
Capacity control		Fixed				
Coefficient of degradation for fixed and staged capacity units*		C_d	0,25			
Contact details		Daikin Refrigeration Malaysia Sdn. Bhd. Lot 10, Jalan Perusahaan 8, Kawasan Perusahaan Pekan Banting, 42700 Banting, Selangor Darul Ehsan.				



6RC0100EM-ABBA-
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Model : JEHCCU0113CM1

Refrigerant fluid:			R404A	R407A	R407F	
Item		Symbol	Value			Unit
Evaporating temperature*		t	-10			°C
Parameters at full load and ambient temperature 32° C						
Rated cooling capacity		P_A	1,76	1,49	1,55	kW
Rated power input		D_A	1,10	0,98	0,98	kW
Rated COP		COP_A	1,60	1,52	1,58	
Parameters at full load and ambient temperature 25° C						
Cooling capacity		P_2	2,00	1,57	1,66	kW
Power input		D_2	1,03	0,95	0,93	kW
COP		COP_2	1,95	1,65	1,78	
Parameters at full load and ambient temperature 43° C						
Cooling capacity		P_3	1,33	N/A	N/A	kW
Power input		D_3	1,11	N/A	N/A	kW
COP		COP_3	1,20	N/A	N/A	
Other items						
Capacity control		Fixed				
Coefficient of degradation for fixed and staged capacity units*		Cd	0,25			
Contact details		Daikin Refrigeration Malaysia Sdn. Bhd. Lot 10, Jalan Perusahaan 8, Kawasan Perusahaan Pekan Banting, 42700 Banting, Selangor Darul Ehsan.				



6RC0113EM-ABBA-
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Model : JEHCCU0140CM1

Refrigerant fluid:			R404A	R407A	R407F	
Item		Symbol	Value			Unit
Evaporating temperature*		t	-10			°C
Parameters at full load and ambient temperature 32 °C						
Rated cooling capacity		P_A	2,19	1,73	1,87	kW
Rated power input		D_A	1,18	1,11	1,07	kW
Rated COP		COP_A	1,68	1,57	1,75	
Parameters at full load and ambient temperature 25 °C						
Cooling capacity		P_2	2,39	1,77	1,96	kW
Power input		D_2	1,13	1,08	1,01	kW
COP		COP_2	1,96	1,65	1,95	
Parameters at full load and ambient temperature 43 °C						
Cooling capacity		P_3	1,73	1,58	1,63	kW
Power input		D_3	1,26	1,15	1,17	kW
COP		COP_3	1,26	1,38	1,39	
Other items						
Capacity control		Fixed				
Coefficient of degradation for fixed and staged capacity units*		C_d	0,25			
Contact details		Daikin Refrigeration Malaysia Sdn. Bhd. Lot 10, Jalan Perusahaan 8, Kawasan Perusahaan Pekan Banting, 42700 Banting, Selangor Darul Ehsan.				



6RC0140EM-ABBA-
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Model : JEHCCU0140CM3

Refrigerant fluid:			R404A	R407A	R407F	
Item		Symbol	Value			Unit
Evaporating temperature*		t	-10			°C
Parameters at full load and ambient temperature 32° C						
Rated cooling capacity		P_A	2,22	1,74	1,88	kW
Rated power input		D_A	1,24	1,16	1,12	kW
Rated COP		COP_A	1,80	1,50	1,67	
Parameters at full load and ambient temperature 25° C						
Cooling capacity		P_2	2,40	1,78	1,97	kW
Power input		D_2	1,19	1,13	1,06	kW
COP		COP_2	2,02	1,58	1,87	
Parameters at full load and ambient temperature 43° C						
Cooling capacity		P_3	1,73	1,57	1,62	kW
Power input		D_3	1,32	1,20	1,23	kW
COP		COP_3	1,31	1,30	1,32	
Other items						
Capacity control		Fixed				
Coefficient of degradation for fixed and staged capacity units*		C_d	0,25			
Contact details		Daikin Refrigeration Malaysia Sdn. Bhd. Lot 10, Jalan Perusahaan 8, Kawasan Perusahaan Pekan Banting, 42700 Banting, Selangor Darul Ehsan.				



6RC0140EM-FBBA-
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Model : JEHSCU0200CM1

Refrigerant fluid:		R404A	R407A	R407F	R134a	
Item	Symbol	Value				Unit
Evaporating temperature*	t	-10				°C
Parameters at full load and ambient temperature 32° C						
Rated cooling capacity	P_A	3,54	3,39	3,26	2,05	kW
Rated power input	D_A	1,57	1,60	1,74	1,11	kW
Rated COP	COP_A	2,25	2,13	1,88	1,85	
Parameters at full load and ambient temperature 25° C						
Cooling capacity	P_2	3,82	3,64	3,63	2,19	kW
Power input	D_2	1,44	1,43	1,50	1,02	kW
COP	COP_2	2,65	2,55	2,43	2,15	
Parameters at full load and ambient temperature 43° C						
Cooling capacity	P_3	2,93	N/A	N/A	1,78	kW
Power input	D_3	1,91	N/A	N/A	1,32	kW
COP	COP_3	1,53	N/A	N/A	1,35	
Other items						
Capacity control	Fixed					
Coefficient of degradation for fixed and staged capacity units*	Cd	0,25				
Contact details	Daikin Refrigeration Malaysia Sdn. Bhd. Lot 10, Jalan Perusahaan 8, Kawasan Perusahaan Pekan Banting, 42700 Banting, Selangor Darul Ehsan.					



6SC0200EM-ABBA-
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Model : JEHSKU0200CM3

Refrigerant fluid:			R404A	R407A	R407F	R134a	
Item		Symbol	Value				Unit
Evaporating temperature*		t	-10				°C
Parameters at full load and ambient temperature 32° C							
Rated cooling capacity		P_A	3,49	3,36	3,22	2,17	kW
Rated power input		D_A	1,70	1,63	1,78	1,03	kW
Rated COP		COP_A	2,06	2,07	1,81	2,12	
Parameters at full load and ambient temperature 25° C							
Cooling capacity		P_2	3,76	3,61	3,59	2,32	kW
Power input		D_2	1,54	1,45	1,53	0,91	kW
COP		COP_2	2,44	2,50	2,35	2,55	
Parameters at full load and ambient temperature 43° C							
Cooling capacity		P_3	2,73	2,91	N/A	1,92	kW
Power input		D_3	2,19	1,97	N/A	1,23	kW
COP		COP_3	1,25	1,48	N/A	1,57	
Other items							
Capacity control			Fixed				
Coefficient of degradation for fixed and staged capacity units*		Cd	0,25				
Contact details		Daikin Refrigeration Malaysia Sdn. Bhd. Lot 10, Jalan Perusahaan 8, Kawasan Perusahaan Pekan Banting, 42700 Banting, Selangor Darul Ehsan.					



6SC0200EM-FBBA-
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Model : JEHSUC0250CM1

Refrigerant fluid:			R404A	R407A	R407F	R134a	
Item		Symbol	Value				Unit
Evaporating temperature*		t	-10				°C
Parameters at full load and ambient temperature 32 °C							
Rated cooling capacity		P_A	3,99	3,98	3,73	2,59	kW
Rated power input		D_A	2,00	1,99	2,09	1,21	kW
Rated COP		COP_A	2,00	2,01	1,79	2,14	
Parameters at full load and ambient temperature 25 °C							
Cooling capacity		P_2	4,32	4,25	4,21	2,77	kW
Power input		D_2	1,70	1,79	1,83	1,09	kW
COP		COP_2	2,54	2,38	2,31	2,54	
Parameters at full load and ambient temperature 43 °C							
Cooling capacity		P_3	3,26	N/A	N/A	2,24	kW
Power input		D_3	2,46	N/A	N/A	1,46	kW
COP		COP_3	1,33	N/A	N/A	1,53	
Other items							
Capacity control			Fixed				
Coefficient of degradation for fixed and staged capacity units*		Cd	0,25				
Contact details		Daikin Refrigeration Malaysia Sdn. Bhd. Lot 10, Jalan Perusahaan 8, Kawasan Perusahaan Pekan Banting, 42700 Banting, Selangor Darul Ehsan.					



6SC0250EM-ABBA-
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Model : JEHSKU0250CM3

Refrigerant fluid:		R404A	R407A	R407F	R134a	
Item	Symbol	Value				Unit
Evaporating temperature*	t	-10				°C
Parameters at full load and ambient temperature 32° C						
Rated cooling capacity	P_A	4,21	3,94	3,85	2,48	kW
Rated power input	D_A	2,04	2,03	2,16	1,17	kW
Rated COP	COP_A	2,07	1,95	1,79	2,13	
Parameters at full load and ambient temperature 25° C						
Cooling capacity	P_2	4,50	4,21	4,25	2,65	kW
Power input	D_2	1,87	1,82	1,89	1,05	kW
COP	COP_2	2,41	2,32	2,25	2,52	
Parameters at full load and ambient temperature 43° C						
Cooling capacity	P_3	3,42	3,47	N/A	2,19	kW
Power input	D_3	2,52	2,39	N/A	1,40	kW
COP	COP_3	1,36	1,45	N/A	1,57	
Other items						
Capacity control	Fixed					
Coefficient of degradation for fixed and staged capacity units*	Cd	0,25				
Contact details	Daikin Refrigeration Malaysia Sdn. Bhd. Lot 10, Jalan Perusahaan 8, Kawasan Perusahaan Pekan Banting, 42700 Banting, Selangor Darul Ehsan.					



6SC0250EM-FBBA-
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Model : JEHSKU0300CM1

Refrigerant fluid:			R404A	R407A	R407F	R134a	
Item		Symbol	Value				Unit
Evaporating temperature*		t	-10				°C
Parameters at full load and ambient temperature 32° C							
Rated cooling capacity		P_A	4,92	4,65	4,50	3,09	kW
Rated power input		D_A	2,62	2,47	2,66	1,45	kW
Rated COP		COP_A	1,88	1,89	1,69	2,13	
Parameters at full load and ambient temperature 25° C							
Cooling capacity		P_2	5,34	4,95	4,99	3,30	kW
Power input		D_2	2,38	2,24	2,31	1,32	kW
COP		COP_2	2,24	2,21	2,16	2,50	
Parameters at full load and ambient temperature 43° C							
Cooling capacity		P_3	4,00	N/A	N/A	2,69	kW
Power input		D_3	3,21	N/A	N/A	1,76	kW
COP		COP_3	1,25	N/A	N/A	1,53	
Other items							
Capacity control		Fixed					
Coefficient of degradation for fixed and staged capacity units*		C_d	0,25				
Contact details		Daikin Refrigeration Malaysia Sdn. Bhd. Lot 10, Jalan Perusahaan 8, Kawasan Perusahaan Pekan Banting, 42700 Banting, Selangor Darul Ehsan.					



6SC0300EM-ABBA-
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Model :JEHSCU0300CM3

Refrigerant fluid:		R404A	R407A	R407F	R134a	
Item	Symbol	Value				Unit
Evaporating temperature*	t	-10				°C
Parameters at full load and ambient temperature 32° C						
Rated cooling capacity	P_A	4,89	4,54	4,45	3,06	kW
Rated power input	D_A	2,52	2,45	2,71	1,46	kW
Rated COP	COP_A	1,94	1,86	1,65	2,10	
Parameters at full load and ambient temperature 25° C						
Cooling capacity	P_2	5,23	4,87	4,96	3,27	kW
Power input	D_2	2,31	2,22	2,37	1,30	kW
COP	COP_2	2,26	2,20	2,10	2,52	
Parameters at full load and ambient temperature 43° C						
Cooling capacity	P_3	3,95	3,98	N/A	2,72	kW
Power input	D_3	3,10	2,88	N/A	1,74	kW
COP	COP_3	1,28	1,38	N/A	1,57	
Other items						
Capacity control	Fixed					
Coefficient of degradation for fixed and staged capacity units*	Cd	0,25				
Contact details	Daikin Refrigeration Malaysia Sdn. Bhd. Lot 10, Jalan Perusahaan 8, Kawasan Perusahaan Pekan Banting, 42700 Banting, Selangor Darul Ehsan.					



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Model : JEHSCU0350CM3

Refrigerant fluid:		R404A	
Item	Symbol	Value	Unit
Evaporating temperature*	t	-10	°C
Annual electricity consumption	Q	12939	kWh/a
Seasonal Energy Performance Ratio	$SEPQ$	2,61	
Parameters at full load and ambient temperature 32°C (Point A)			
Rated cooling capacity	P_A	5,50	kW
Rated power input	D_A	3,04	kW
Rated COP	COP_A	1,81	
Parameters at part load and ambient temperature 25°C (Point B)			
Declared cooling capacity	P_B	6,130	kW
Declared power input	D_B	2,680	kW
Declared COP	COP_B	2,29	
Parameters at part load and ambient temperature 15°C (Point C)			
Declared cooling capacity	P_C	6,860	kW
Declared power input	D_C	2,300	kW
Declared COP	COP_C	2,98	
Parameters at part load and ambient temperature 5°C (Point D)			
Declared cooling capacity	P_D	7,100	kW
Declared power input	D_D	2,190	kW
Declared COP	COP_D	3,24	
Parameters at full load and ambient temperature 43°C			
Cooling capacity	P_3	4,26	kW
Power input	D_3	3,83	kW
Declared COP	COP_3	1,11	
Other items			

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Capacity control	Fixed		
Refrigerant fluid:		R404A	
Item	Symbol	Value	Unit
Coefficient of degradation for fixed and staged capacity units*	<i>Cd</i>	0,25	
Contact details	Daikin Refrigeration Malaysia Sdn. Bhd. Lot 10, Jalan Perusahaan 8, Kawasan Perusahaan Pekan Banting, 42700 Banting, Selangor Darul Ehsan.		



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Model : JEHSCU0350CM3

Refrigerant fluid:		R134a	
Item	Symbol	Value	Unit
Evaporating temperature*	t	-10	°C
Parameters at full load and ambient temperature 32 °C			
Rated cooling capacity	P_A	3,48	kW
Rated power input	D_A	1,68	kW
Rated COP	COP_A	2,08	
Parameters at full load and ambient temperature 25 °C			
Cooling capacity	P_2	3,71	kW
Power input	D_2	1,51	kW
COP	COP_2	2,46	
Parameters at full load and ambient temperature 43 °C			
Cooling capacity	P_3	3,06	kW
Power input	D_3	2,02	kW
COP	COP_3	1,52	
Other items			
Capacity control	Fixed		
Coefficient of degradation for fixed and staged capacity units*	C_d	0,25	
Contact details	Daikin Refrigeration Malaysia Sdn. Bhd. Lot 10, Jalan Perusahaan 8, Kawasan Perusahaan Pekan Banting, 42700 Banting, Selangor Darul Ehsan.		

Model : JEHCCU0115CL1

Refrigerant fluid:		R404A	
Item	Symbol	Value	Unit
Evaporating temperature*	t	-35	°C
Parameters at full load and ambient temperature 32 °C			
Rated cooling capacity	P_A	0,69	kW
Rated power input	D_A	0,72	kW
Rated COP	COP_A	0,96	
Parameters at full load and ambient temperature 25 °C			
Cooling capacity	P_2	0,80	kW
Power input	D_2	0,72	kW
COP	COP_2	1,11	
Parameters at full load and ambient temperature 43 °C			
Cooling capacity	P_3	0,49	kW
Power input	D_3	0,71	kW
COP	COP_3	0,69	
Other items			
Capacity control	Fixed		
Coefficient of degradation for fixed and staged capacity units*	Cd	0,25	
Contact details	Daikin Refrigeration Malaysia Sdn. Bhd. Lot 10, Jalan Perusahaan 8, Kawasan Perusahaan Pekan Banting, 42700 Banting, Selangor Darul Ehsan.		



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Model : JEHSCU0200CL3

Refrigerant fluid:		R404A	R407A		
Item		Symbol	Value	Unit	
Evaporating temperature*		t	-35	°C	
Parameters at full load and ambient temperature 32 °C					
Rated cooling capacity		P_A	1,42	1,16	kW
Rated power input		D_A	1,46	1,31	kW
Rated COP		COP_A	0,97	0,89	
Parameters at full load and ambient temperature 25 °C					
Cooling capacity		P_2	1,52	1,26	kW
Power input		D_2	1,31	1,13	kW
COP		COP_2	1,16	1,12	
Parameters at full load and ambient temperature 43 °C					
Cooling capacity		P_3	1,17	0,94	kW
Power input		D_3	1,94	1,72	kW
COP		COP_3	0,60	0,55	
Other items					
Capacity control	Fixed				
Coefficient of degradation for fixed and staged capacity units*		Cd	0,25		
Contact details	Daikin Refrigeration Malaysia Sdn. Bhd. Lot 10, Jalan Perusahaan 8, Kawasan Perusahaan Pekan Banting, 42700 Banting, Selangor Darul Ehsan.				



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Model : JEHSKU0300CL3

Refrigerant fluid:		R404A		R407A	
Item		Symbol	Value		Unit
Evaporating temperature*		t	-35		°C
Parameters at full load and ambient temperature 32 °C					
Rated cooling capacity		P_A	1,98	1,51	kW
Rated power input		D_A	1,81	1,77	kW
Rated COP		COP_A	1,09	0,85	
Parameters at full load and ambient temperature 25 °C					
Cooling capacity		P_2	2,22	1,66	kW
Power input		D_2	1,59	1,54	kW
COP		COP_2	1,40	1,08	
Parameters at full load and ambient temperature 43 °C					
Cooling capacity		P_3	1,59	N/A	kW
Power input		D_3	2,28	N/A	kW
COP		COP_3	0,70	N/A	
Other items					
Capacity control		Fixed			
Coefficient of degradation for fixed and staged capacity units*		Cd	0,25		
Contact details		Daikin Refrigeration Malaysia Sdn. Bhd. Lot 10, Jalan Perusahaan 8, Kawasan Perusahaan Pekan Banting, 42700 Banting, Selangor Darul Ehsan.			



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Model : JEHSKU0400CL3

Refrigerant fluid:		R404A	R407A	
Item	Symbol	Value		Unit
Evaporating temperature*	t	-35		°C
Annual electricity consumption	Q	11555	10212	kWh/a
Seasonal Energy Performance Ratio	$SEPR$	1,88	1,67	
Parameters at full load and ambient temperature 32°C (Point A)				
Rated cooling capacity	P_A	2,91	2,29	kW
Rated power input	D_A	2,38	2,33	kW
Rated COP	COP_A	1,22	0,98	
Parameters at part load and ambient temperature 25°C (Point B)				
Declared cooling capacity	P_B	3,170	2,460	kW
Declared power input	D_B	2,110	1,980	kW
Declared COP	COP_B	1,50	1,24	
Parameters at part load and ambient temperature 15°C (Point C)				
Declared cooling capacity	P_C	3,550	2,690	kW
Declared power input	D_C	1,790	1,590	kW
Declared COP	COP_C	1,98	1,69	
Parameters at part load and ambient temperature 5°C (Point D)				
Declared cooling capacity	P_D	3,810	2,900	kW
Declared power input	D_D	1,610	1,290	kW
Declared COP	COP_D	2,37	2,25	
Parameters at full load and ambient temperature 43°C				
Cooling capacity	P_3	2,49	2,01	kW
Power input	D_3	2,91	2,98	kW
Declared COP	COP_3	0,86	0,67	
Other items				

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Refrigerant fluid:	R404A	R407A	
Capacity control	Fixed		
Item	Symbol	Value	Unit
Coefficient of degradation for fixed and staged capacity units*	<i>Cd</i>	0,25	
Contact details	Daikin Refrigeration Malaysia Sdn. Bhd. Lot 10, Jalan Perusahaan 8, Kawasan Perusahaan Pekan Banting, 42700 Banting, Selangor Darul Ehsan.		



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Model : JEHSCU0500CL3

Refrigerant fluid:		R404A	R407A	
Item	Symbol	Value		Unit
Evaporating temperature*	t	-35		°C
Annual electricity consumption	Q	14732	12364	kWh/a
Seasonal Energy Performance Ratio	$SEPR$	1,79	1,67	
Parameters at full load and ambient temperature 32°C (Point A)				
Rated cooling capacity	P_A	3,53	2,77	kW
Rated power input	D_A	3,10	2,85	kW
Rated COP	COP_A	1,14	0,97	
Parameters at part load and ambient temperature 25°C (Point B)				
Declared cooling capacity	P_B	3,860	3,010	kW
Declared power input	D_B	2,740	2,410	kW
Declared COP	COP_B	1,41	1,25	
Parameters at part load and ambient temperature 15°C (Point C)				
Declared cooling capacity	P_C	4,330	3,300	kW
Declared power input	D_C	2,310	1,950	kW
Declared COP	COP_C	1,87	1,69	
Parameters at part load and ambient temperature 5°C (Point D)				
Declared cooling capacity	P_D	4,670	3,560	kW
Declared power input	D_D	2,040	1,580	kW
Declared COP	COP_D	2,29	2,25	
Parameters at full load and ambient temperature 43°C				
Cooling capacity	P_3	2,99	2,40	kW
Power input	D_3	3,78	3,64	kW
Declared COP	COP_3	0,79	0,66	
Other items				

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Refrigerant fluid:		R404A	R407A	
Item	Symbol	Value		Unit
Capacity control	Fixed			
Coefficient of degradation for fixed and staged capacity units*	<i>Cd</i>	0,25		
Contact details	Daikin Refrigeration Malaysia Sdn. Bhd. Lot 10, Jalan Perusahaan 8, Kawasan Perusahaan Pekan Banting, 42700 Banting, Selangor Darul Ehsan.			



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Model : JEHSCU0600CL3

Refrigerant fluid:		R404A	R407A	
Item	Symbol	Value		Unit
Evaporating temperature*	t	-35		°C
Annual electricity consumption	Q	17107	16220	kWh/a
Seasonal Energy Performance Ratio	$SEPR$	1,80	1,52	
Parameters at full load and ambient temperature 32°C (Point A)				
Rated cooling capacity	P_A	4,13	3,31	kW
Rated power input	D_A	3,90	3,57	kW
Rated COP	COP_A	1,06	0,93	
Parameters at part load and ambient temperature 25°C (Point B)				
Declared cooling capacity	P_B	4,560	3,580	kW
Declared power input	D_B	3,170	3,050	kW
Declared COP	COP_B	1,44	1,17	
Parameters at part load and ambient temperature 15°C (Point C)				
Declared cooling capacity	P_C	5,130	3,890	kW
Declared power input	D_C	2,660	2,510	kW
Declared COP	COP_C	1,93	1,55	
Parameters at part load and ambient temperature 5°C (Point D)				
Declared cooling capacity	P_D	5,520	4,170	kW
Declared power input	D_D	2,430	2,090	kW
Declared COP	COP_D	2,27	2,00	
Parameters at full load and ambient temperature 43°C				
Cooling capacity	P_3	3,33	2,88	kW
Power input	D_3	5,20	4,48	kW
Declared COP	COP_3	0,64	0,64	
Other items				

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Refrigerant fluid:		R404A	R407A	
Item	Symbol	Value		Unit
Capacity control		Fixed		
Coefficient of degradation for fixed and staged capacity units*	<i>Cd</i>	0,25		
Contact details	Daikin Refrigeration Malaysia Sdn. Bhd. Lot 10, Jalan Perusahaan 8, Kawasan Perusahaan Pekan Banting, 42700 Banting, Selangor Darul Ehsan.			



6SC0600EL-FBBA-57

Model : JEHSKU0400CM3

Refrigerant fluid:			R404A	R407A	R407F	
Item		Symbol	Value			Unit
Evaporating temperature*		t	-10			°C
Annual electricity consumption		Q	14881	13054	14365	kWh/a
Seasonal Energy Performance Ratio		$SEPR$	2,77	3,09	2,83	
Parameters at full load and ambient temperature 32°C (Point A)						
Rated cooling capacity		P_A	6,70	6,57	6,62	kW
Rated power input		D_A	3,33	2,97	3,21	kW
Rated COP		COP_A	2,01	2,21	2,06	
Parameters at part load and ambient temperature 25°C (Point B)						
Declared cooling capacity		P_B	7,440	7,140	7,250	kW
Declared power input		D_B	2,930	2,560	2,830	kW
Declared COP		COP_B	2,54	2,79	2,56	
Parameters at part load and ambient temperature 15°C (Point C)						
Declared cooling capacity		P_C	8,230	7,750	7,880	kW
Declared power input		D_C	2,540	2,160	2,390	kW
Declared COP		COP_C	3,24	3,59	3,30	
Parameters at part load and ambient temperature 5°C (Point D)						
Declared cooling capacity		P_D	8,230	7,780	7,900	kW
Declared power input		D_D	2,540	2,140	2,380	kW
Declared COP		COP_D	3,24	3,64	3,32	
Parameters at full load and ambient temperature 43°C						
Cooling capacity		P_3	5,33	5,51	N/A	kW
Power input		D_3	4,16	3,85	N/A	kW
Declared COP		COP_3	1,28	1,43	N/A	

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Refrigerant fluid:		R404A	R407A	R407F	
Item	Symbol	Value			Unit
Other items					
Capacity control		Fixed			
Coefficient of degradation for fixed and staged capacity units*		Cd	0,25		
Contact details		Daikin Refrigeration Malaysia Sdn. Bhd. Lot 10, Jalan Perusahaan 8, Kawasan Perusahaan Pekan Banting, 42700 Banting, Selangor Darul Ehsan.			



6SC0400EM-FBBA-
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Model : JEHSCU0400CM3

Refrigerant fluid:		R134a	
Item	Symbol	Value	Unit
Evaporating temperature*	t	-10	°C
Parameters at full load and ambient temperature 32° C			
Rated cooling capacity	P_A	4,24	kW
Rated power input	D_A	1,85	kW
Rated COP	COP_A	2,29	
Parameters at full load and ambient temperature 25° C			
Rated cooling capacity	P_2	4,58	kW
Rated power input	D_2	1,62	kW
Rated COP	COP_2	2,83	
Parameters at full load and ambient temperature 43° C			
Rated cooling capacity	P_3	3,62	kW
Rated power input	D_3	2,33	kW
Rated COP	COP_3	1,55	
Other items			
Capacity control	Fixed		
Coefficient of degradation for fixed and staged capacity units*	C_d	0,25	
Contact details	Daikin Refrigeration Malaysia Sdn. Bhd. Lot 10, Jalan Perusahaan 8, Kawasan Perusahaan Pekan Banting, 42700 Banting, Selangor Darul Ehsan.		

Model : JEHSKU0500CM3

Refrigerant fluid:			R404A	R407A	R407F	R134a	
Item	Symbol	Value					Unit
Evaporating temperature*	t	-10					°C
Annual electricity consumption	Q	18673	17546	18883	11969		kWh/a
Seasonal Energy Performance Ratio	$SEPR$	2,64	2,81	2,60	2,69		
Parameters at full load and ambient temperature 32°C (Point A)							
Rated cooling capacity	P_A	8,03	8,03	7,99	5,24		kW
Rated power input	D_A	4,39	3,93	4,36	2,30		kW
Rated COP	COP_A	1,83	2,04	1,83	2,28		
Parameters at part load and ambient temperature 25°C (Point B)							
Declared cooling capacity	P_B	8,970	8,730	8,780	5,650		kW
Declared power input	D_B	3,860	3,490	3,870	2,030		kW
Declared COP	COP_B	2,32	2,50	2,27	2,78		
Parameters at part load and ambient temperature 15°C (Point C)							
Declared cooling capacity	P_C	10,000	9,500	9,630	5,800		kW
Declared power input	D_C	3,330	3,040	3,320	1,930		kW
Declared COP	COP_C	3,00	3,13	2,90	3,01		
Parameters at part load and ambient temperature 5°C (Point D)							
Declared cooling capacity	P_D	10,400	9,870	10,000	5,800		kW
Declared power input	D_D	3,160	2,830	3,060	1,930		kW
Declared COP	COP_D	3,29	3,49	3,27	3,01		
Parameters at full load and ambient temperature 43°C							
Cooling capacity	P_3	6,30	6,77	N/A	4,51		kW
Power input	D_3	5,48	4,86	N/A	2,89		kW
Declared COP	COP_3	1,15	1,39	N/A	1,56		

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Refrigerant fluid:		R404A	R407A	R407F	R134a	
Item	Symbol	Value				Unit
Other items						
Capacity control		Fixed				
Coefficient of degradation for fixed and staged capacity units*		Cd	0,25			
Contact details		Daikin Refrigeration Malaysia Sdn. Bhd. Lot 10, Jalan Perusahaan 8, Kawasan Perusahaan Pekan Banting, 42700 Banting, Selangor Darul Ehsan.				



6SC0500EM-FBBA-
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Model : JEHSKU0600CM3

Refrigerant fluid:		R404A	R407A	R407F	R134a	
Item	Symbol	Value				Unit
Evaporating temperature*	t	-10				°C
Annual electricity consumption	Q	21344	20622	21395	14381	kWh/a
Seasonal Energy Performance Ratio	$SEPR$	2,72	2,75	2,69	2,63	
Parameters at full load and ambient temperature 32°C (Point A)						
Rated cooling capacity	P_A	9,45	9,24	9,36	6,16	kW
Rated power input	D_A	4,92	4,62	5,03	2,70	kW
Rated COP	COP_A	1,92	2,00	1,86	2,28	
Parameters at part load and ambient temperature 25°C (Point B)						
Declared cooling capacity	P_B	10,450	9,980	10,350	6,620	kW
Declared power input	D_B	4,370	4,110	4,460	2,400	kW
Declared COP	COP_B	2,39	2,43	2,32	2,76	
Parameters at part load and ambient temperature 15°C (Point C)						
Declared cooling capacity	P_C	11,600	10,850	11,350	6,760	kW
Declared power input	D_C	3,810	3,550	3,800	2,310	kW
Declared COP	COP_C	3,04	3,06	2,99	2,93	
Parameters at part load and ambient temperature 5°C (Point D)						
Declared cooling capacity	P_D	12,150	11,250	11,850	6,760	kW
Declared power input	D_D	3,550	3,290	3,460	2,310	kW
Declared COP	COP_D	3,42	3,42	3,42	2,93	
Parameters at full load and ambient temperature 43°C						
Cooling capacity	P_3	7,64	7,89	N/A	5,31	kW
Power input	D_3	6,00	5,53	N/A	3,33	kW
Declared COP	COP_3	1,27	1,43	N/A	1,59	
Other items						

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Refrigerant fluid:		R404A	R407A	R407F	R134a	
Item	Symbol	Value				Unit
Capacity control	Fixed					
Coefficient of degradation for fixed and staged capacity units*	<i>Cd</i>	0,25				
Contact details	Daikin Refrigeration Malaysia Sdn. Bhd. Lot 10, Jalan Perusahaan 8, Kawasan Perusahaan Pekan Banting, 42700 Banting, Selangor Darul Ehsan.					



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Model : JEHSKU0680CM3

Refrigerant fluid:		R404A	R407A	R407F	R134a	
Item	Symbol	Value				Unit
Evaporating temperature*	t	-10				°C
Annual electricity consumption	Q	23536	24031	24655	16491	kWh/a
Seasonal Energy Performance Ratio	$SEPR$	2,65	2,65	2,59	2,57	
Parameters at full load and ambient temperature 32°C (Point A)						
Rated cooling capacity	P_A	10,15	10,35	10,40	6,89	kW
Rated power input	D_A	5,53	5,54	5,98	3,15	kW
Rated COP	COP_A	1,84	1,87	1,74	2,19	
Parameters at part load and ambient temperature 25°C (Point B)						
Declared cooling capacity	P_B	11,250	11,200	11,550	7,390	kW
Declared power input	D_B	4,930	4,920	5,290	2,780	kW
Declared COP	COP_B	2,28	2,28	2,18	2,66	
Parameters at part load and ambient temperature 15°C (Point C)						
Declared cooling capacity	P_C	12,500	12,150	12,700	7,590	kW
Declared power input	D_C	4,300	4,240	4,510	2,650	kW
Declared COP	COP_C	2,91	2,87	2,82	2,86	
Parameters at part load and ambient temperature 5°C (Point D)						
Declared cooling capacity	P_D	13,400	12,850	13,500	7,590	kW
Declared power input	D_D	3,880	3,750	3,920	2,650	kW
Declared COP	COP_D	3,45	3,43	3,44	2,86	
Parameters at full load and ambient temperature 43°C						
Cooling capacity	P_3	8,19	N/A	N/A	5,99	kW
Power input	D_3	6,72	N/A	N/A	3,91	kW
Declared COP	COP_3	1,22	N/A	N/A	1,53	
Other items						

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Refrigerant fluid:		R404A	R407A	R407F	R134a	
Item	Symbol	Value				Unit
Capacity control	Fixed					
Coefficient of degradation for fixed and staged capacity units*	<i>Cd</i>	0,25				
Contact details	Daikin Refrigeration Malaysia Sdn. Bhd. Lot 10, Jalan Perusahaan 8, Kawasan Perusahaan Pekan Banting, 42700 Banting, Selangor Darul Ehsan.					



6SC0680EM-FBBA-
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Model : JEHSKU0800CM3

Refrigerant fluid:		R404A	R407A	R407F	R134a	
Item	Symbol	Value				Unit
Evaporating temperature*	t	-10				°C
Annual electricity consumption	Q	27407	26747	27475	16741	kWh/a
Seasonal Energy Performance Ratio	$SEPR$	2,90	2,88	2,83	2,92	
Parameters at full load and ambient temperature 32°C (Point A)						
Rated cooling capacity	P_A	12,95	12,55	12,65	7,95	kW
Rated power input	D_A	5,96	6,24	6,13	3,74	kW
Rated COP	COP_A	2,17	2,01	2,06	2,13	
Parameters at part load and ambient temperature 25°C (Point B)						
Declared cooling capacity	P_B	14,200	13,700	13,850	8,430	kW
Declared power input	D_B	5,460	5,510	5,500	3,400	kW
Declared COP	COP_B	2,60	2,49	2,52	2,48	
Parameters at part load and ambient temperature 15°C (Point C)						
Declared cooling capacity	P_C	15,600	14,950	14,950	9,160	kW
Declared power input	D_C	4,910	4,810	4,790	2,920	kW
Declared COP	COP_C	3,18	3,11	3,12	3,14	
Parameters at part load and ambient temperature 5°C (Point D)						
Declared cooling capacity	P_D	16,650	15,400	15,550	9,700	kW
Declared power input	D_D	4,530	4,100	4,400	2,560	kW
Declared COP	COP_D	3,68	3,76	3,53	3,79	
Parameters at full load and ambient temperature 43°C						
Cooling capacity	P_3	10,40	10,65	10,55	6,93	kW
Power input	D_3	7,09	7,70	6,95	4,56	kW
Declared COP	COP_3	1,47	1,38	1,52	1,52	
Other items						

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Refrigerant fluid:		R404A	R407A	R407F	R134a	
Item	Symbol	Value				Unit
Capacity control	Fixed					
Coefficient of degradation for fixed and staged capacity units*	<i>Cd</i>	0,25				
Contact details	Daikin Refrigeration Malaysia Sdn. Bhd. Lot 10, Jalan Perusahaan 8, Kawasan Perusahaan Pekan Banting, 42700 Banting, Selangor Darul Ehsan.					



6SC0800EM-FBBA-
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Model : JEHSCU1000CM3

Refrigerant fluid:		R404A	R407A	R407F	R134a	
Item	Symbol	Value				Unit
Evaporating temperature*	t	-10				°C
Annual electricity consumption	Q	39372	38515	38831	22226	kWh/a
Seasonal Energy Performance Ratio	$SEPR$	2,57	2,35	2,53	2,88	
Parameters at full load and ambient temperature 32°C (Point A)						
Rated cooling capacity	P_A	16,45	14,75	15,95	10,40	kW
Rated power input	D_A	8,62	8,41	8,84	4,86	kW
Rated COP	COP_A	1,91	1,75	1,80	2,14	
Parameters at part load and ambient temperature 25°C (Point B)						
Declared cooling capacity	P_B	18,050	16,300	17,950	11,000	kW
Declared power input	D_B	7,810	7,530	7,830	4,450	kW
Declared COP	COP_B	2,31	2,16	2,29	2,47	
Parameters at part load and ambient temperature 15°C (Point C)						
Declared cooling capacity	P_C	19,850	17,950	19,800	11,950	kW
Declared power input	D_C	6,980	6,630	6,890	3,840	kW
Declared COP	COP_C	2,84	2,71	2,87	3,11	
Parameters at part load and ambient temperature 5°C (Point D)						
Declared cooling capacity	P_D	20,900	18,150	20,300	12,650	kW
Declared power input	D_D	6,530	6,500	6,590	3,440	kW
Declared COP	COP_D	3,20	2,79	3,08	3,68	
Parameters at full load and ambient temperature 43°C						
Cooling capacity	P_3	12,65	N/A	N/A	9,01	kW
Power input	D_3	10,75	N/A	N/A	5,92	kW
Declared COP	COP_3	1,18	N/A	N/A	1,52	
Other items						

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Refrigerant fluid:		R404A	R407A	R407F	R134a	
Item	Symbol	Value				Unit
Capacity control	Fixed					
Coefficient of degradation for fixed and staged capacity units*	<i>Cd</i>	0,25				
Contact details	Daikin Refrigeration Malaysia Sdn. Bhd. Lot 10, Jalan Perusahaan 8, Kawasan Perusahaan Pekan Banting, 42700 Banting, Selangor Darul Ehsan.					



6SC1000EM-FBBA-
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Model : JEHSCU0750CL3

Refrigerant fluid:		R404A	R407A	
Item	Symbol	Value		Unit
Evaporating temperature*	t	-35		°C
Annual electricity consumption	Q	21649	21146	kWh/a
Seasonal Energy Performance Ratio	$SEPR$	1,82	1,51	
Parameters at full load and ambient temperature 32°C (Point A)				
Rated cooling capacity	P_A	5,29	4,29	kW
Rated power input	D_A	3,88	4,17	kW
Rated COP	COP_A	1,36	1,03	
Parameters at part load and ambient temperature 25°C (Point B)				
Declared cooling capacity	P_B	5,740	4,640	kW
Declared power input	D_B	3,560	3,630	kW
Declared COP	COP_B	1,61	1,28	
Parameters at part load and ambient temperature 15°C (Point C)				
Declared cooling capacity	P_C	6,220	5,120	kW
Declared power input	D_C	3,250	3,140	kW
Declared COP	COP_C	1,91	1,63	
Parameters at part load and ambient temperature 5°C (Point D)				
Declared cooling capacity	P_D	6,570	5,380	kW
Declared power input	D_D	3,030	2,980	kW
Declared COP	COP_D	2,17	1,81	
Parameters at full load and ambient temperature 43°C				
Cooling capacity	P_3	4,46	3,79	kW
Power input	D_3	4,57	5,20	kW
Declared COP	COP_3	0,98	0,73	
Other items				

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Refrigerant fluid:		R404A	R407A	
Item	Symbol	Value		Unit
Capacity control	Fixed			
Coefficient of degradation for fixed and staged capacity units*	<i>Cd</i>	0,25		
Contact details	Daikin Refrigeration Malaysia Sdn. Bhd. Lot 10, Jalan Perusahaan 8, Kawasan Perusahaan Pekan Banting, 42700 Banting, Selangor Darul Ehsan.			

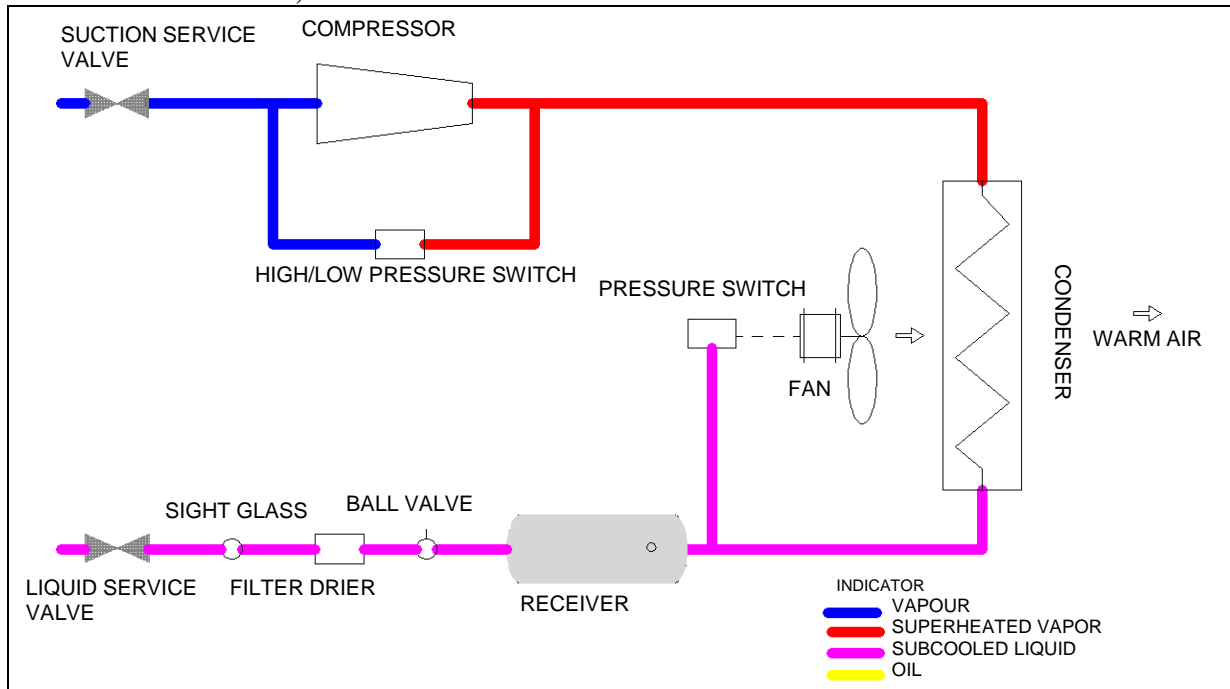


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57

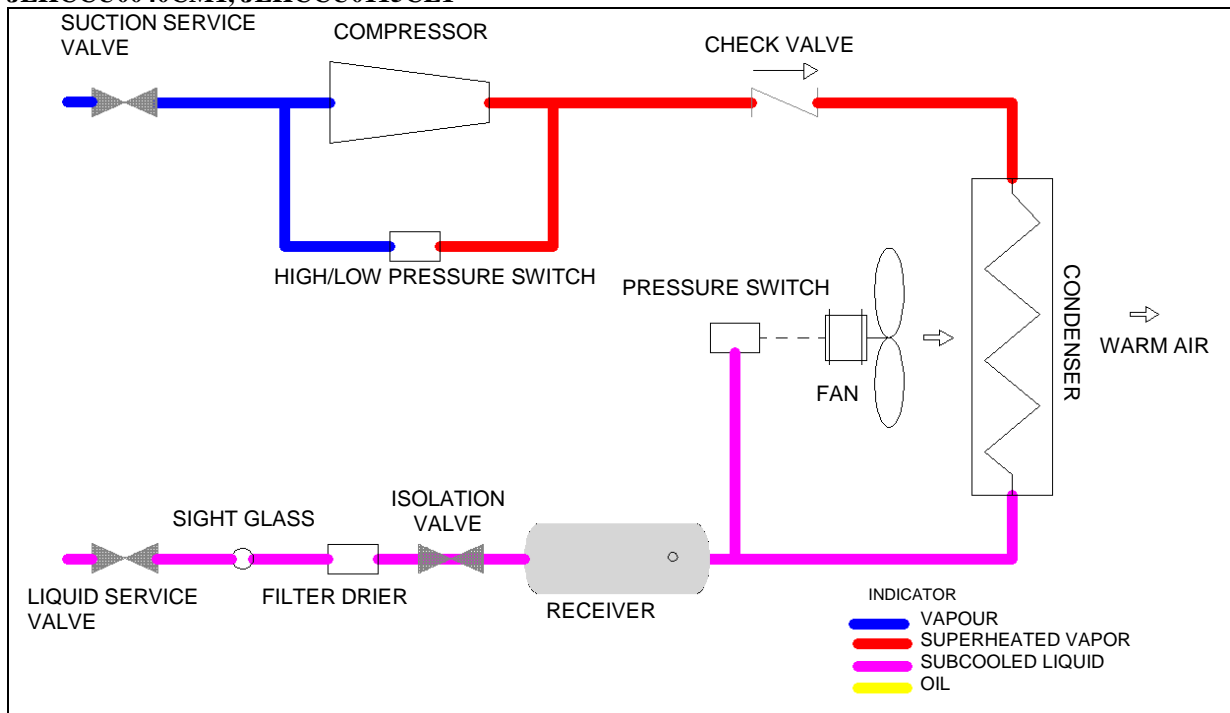
5. Product System Cycle

Series 1

JEHCCU0050~0113CM1, JEHCCU0051~0095CM1

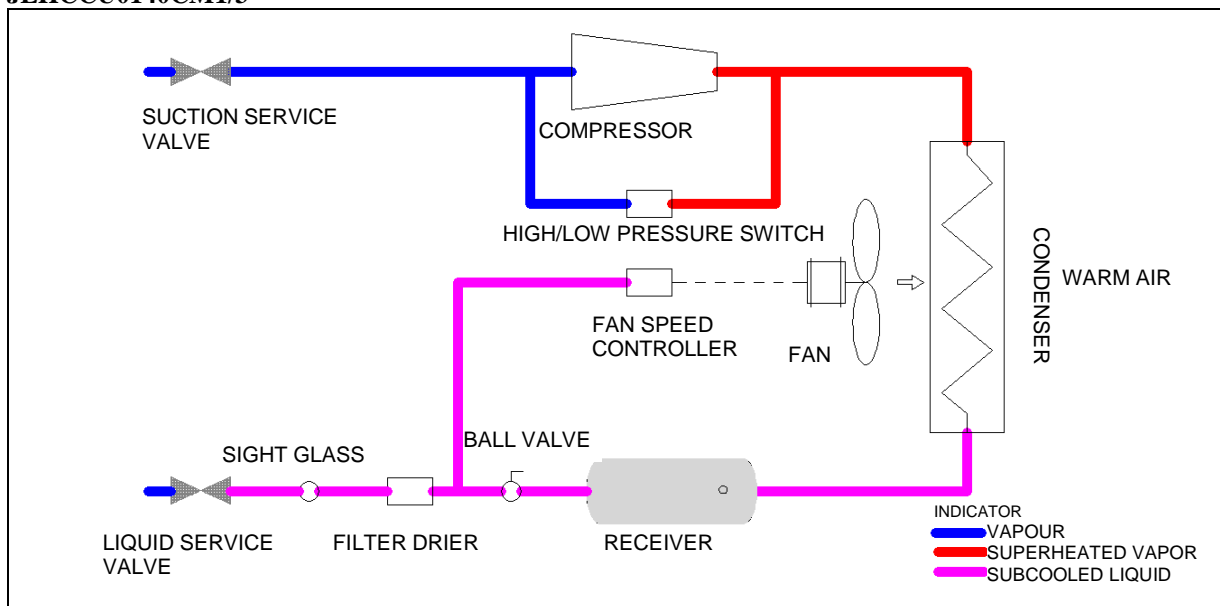


JEHCCU0040CM1, JEHCCU0115CL1

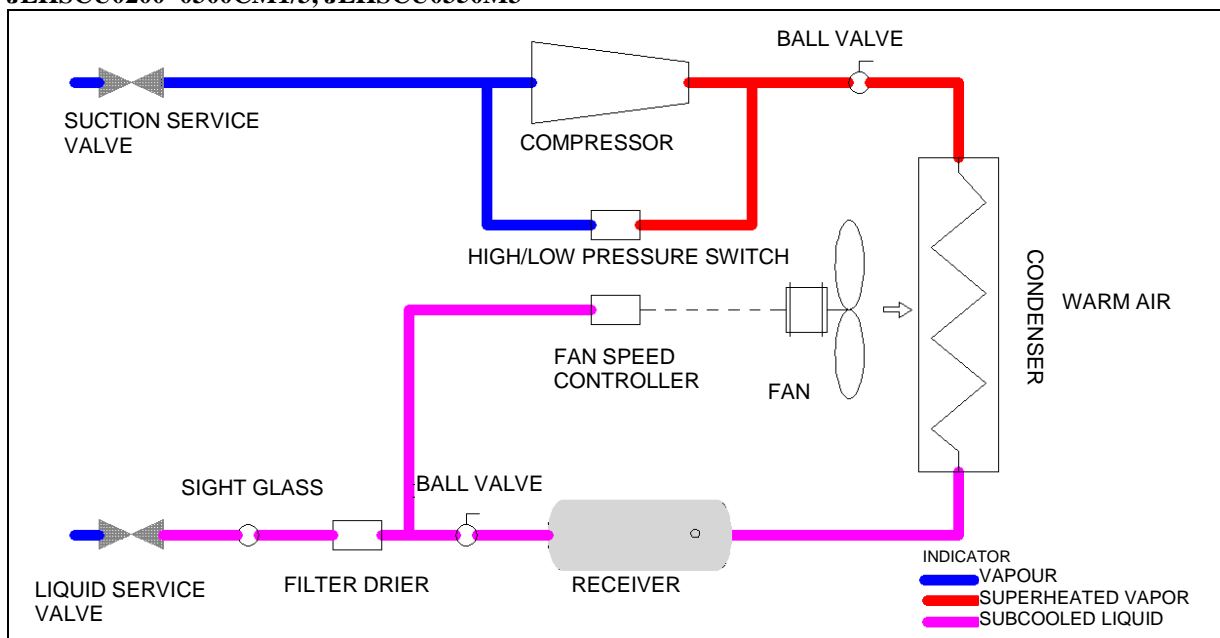


Series 2 – Medium Temperature

JEHCCU0140CM1/3

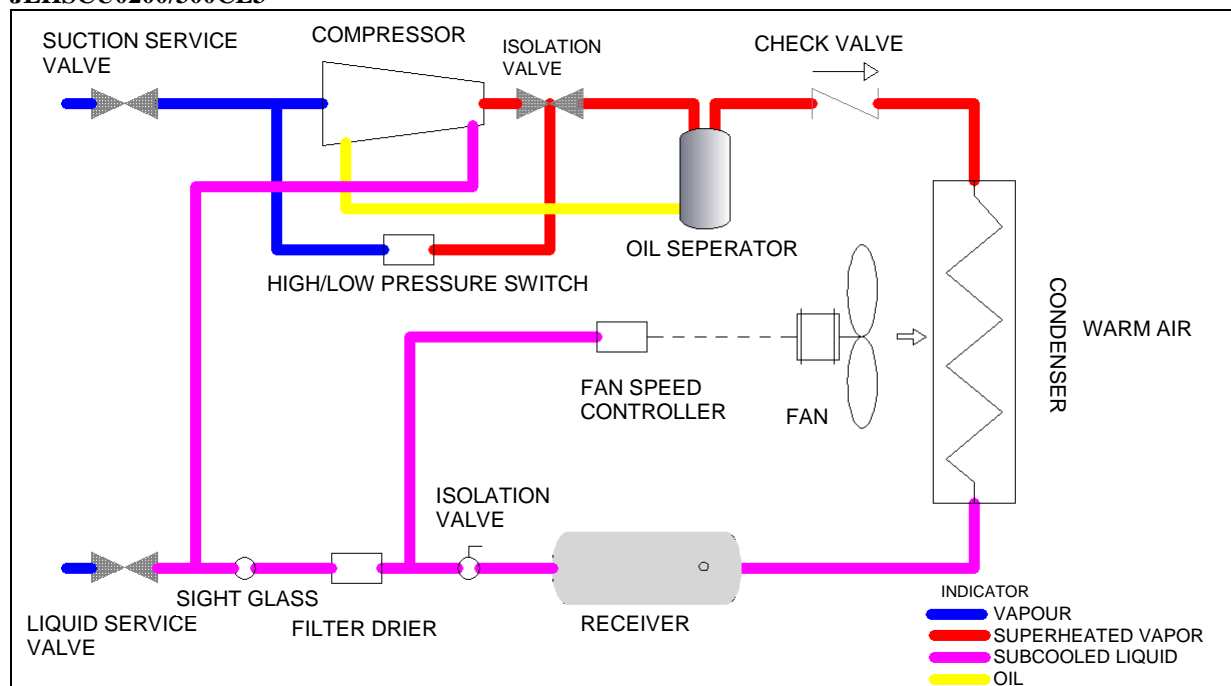


JEHSCU0200~0300CM1/3, JEHSCU0350M3



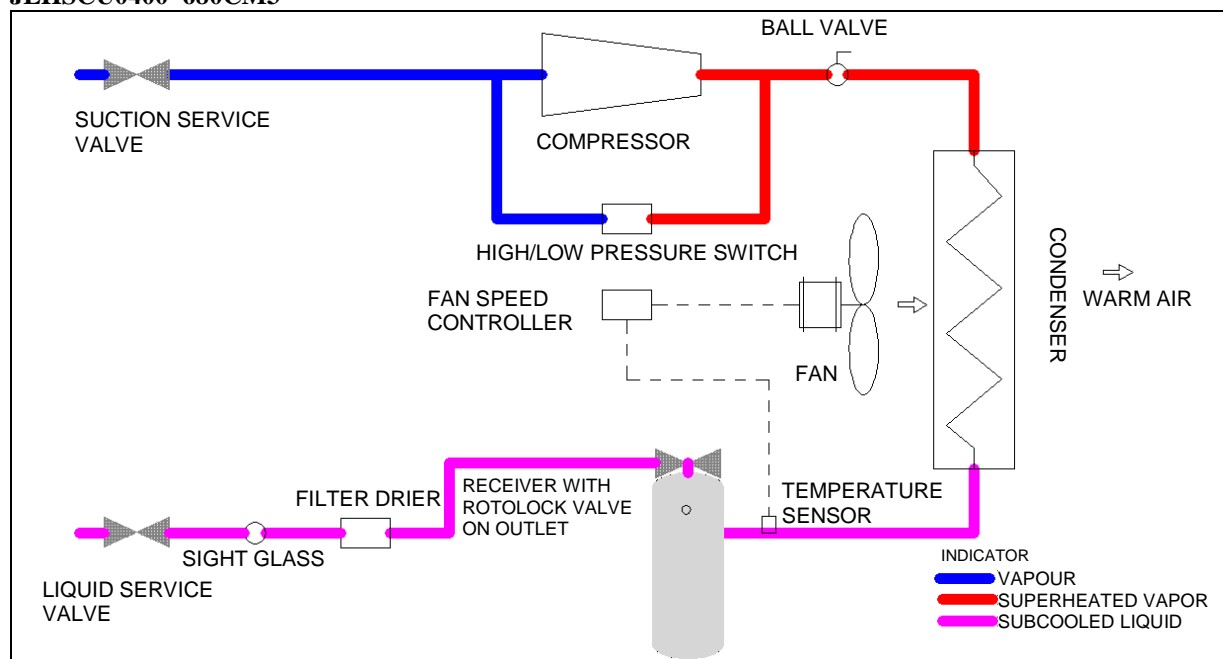
Series 2 – Low Temperature

JEHSCU0200/300CL3



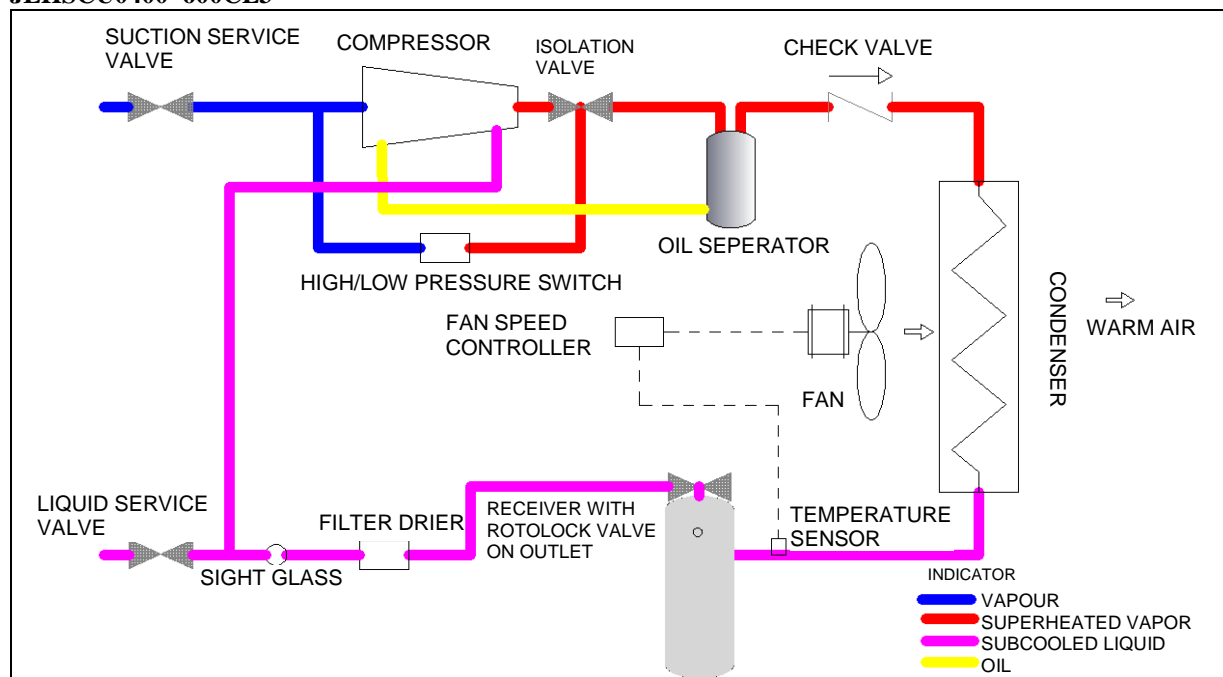
Series 3 – Medium Temperature

JEHSCU0400~680CM3



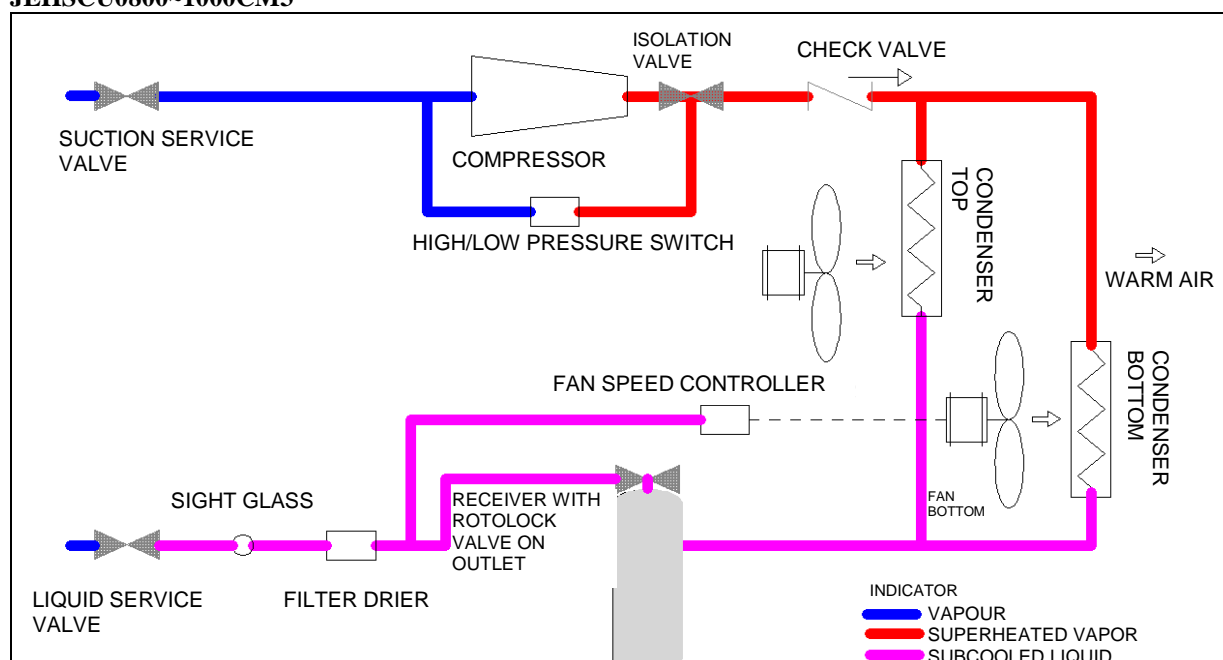
Series 3 – Low Temperature

JEHSCU0400~600CL3



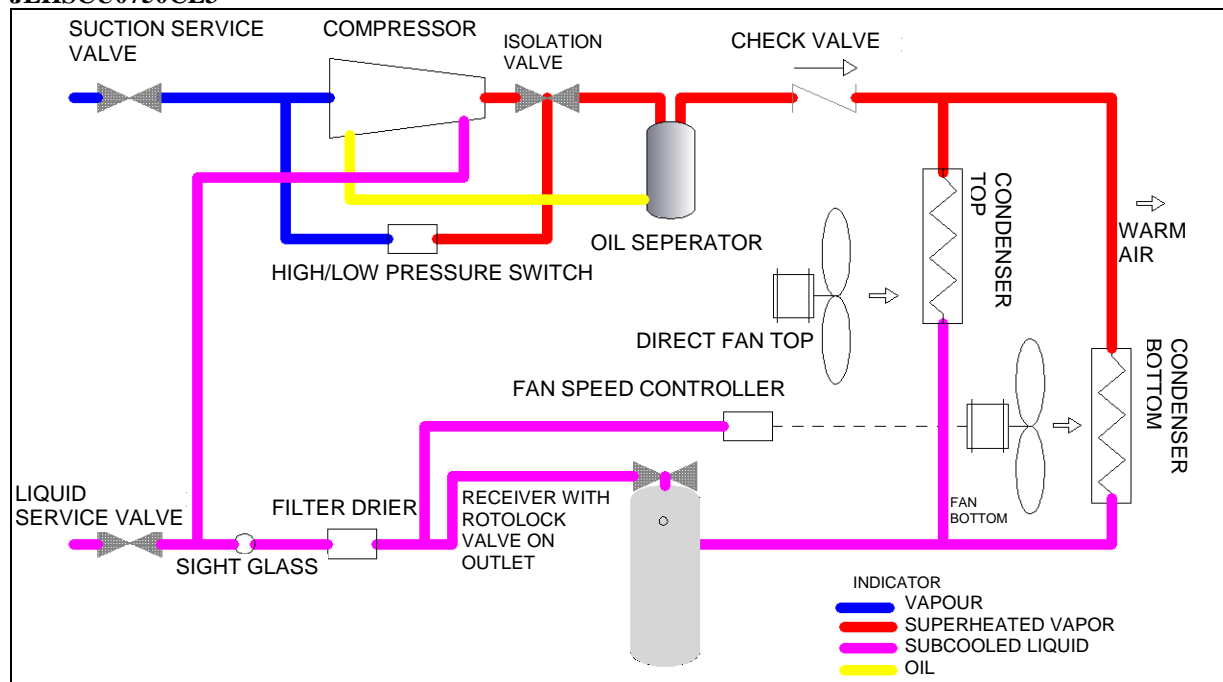
Series 4 – Medium Temperature

JEHSCU0800~1000CM3



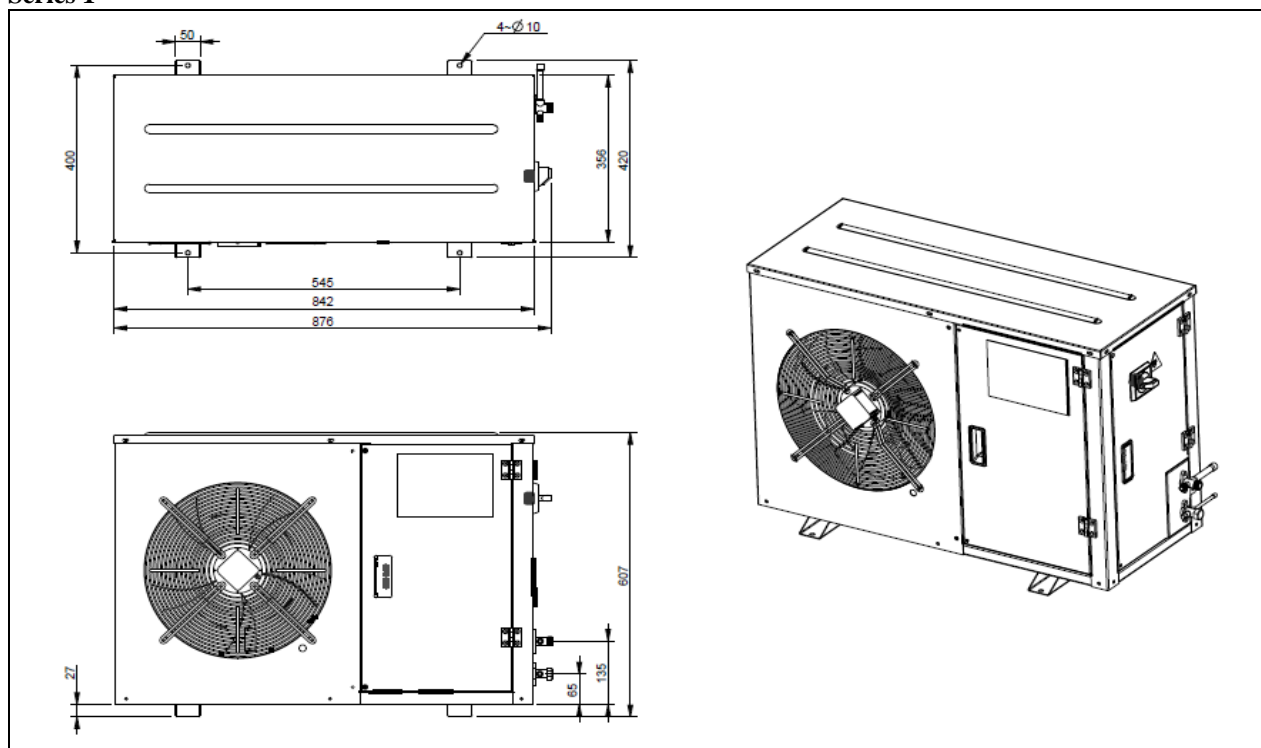
Series 4 – Low Temperature

JEHSCU0750CL3

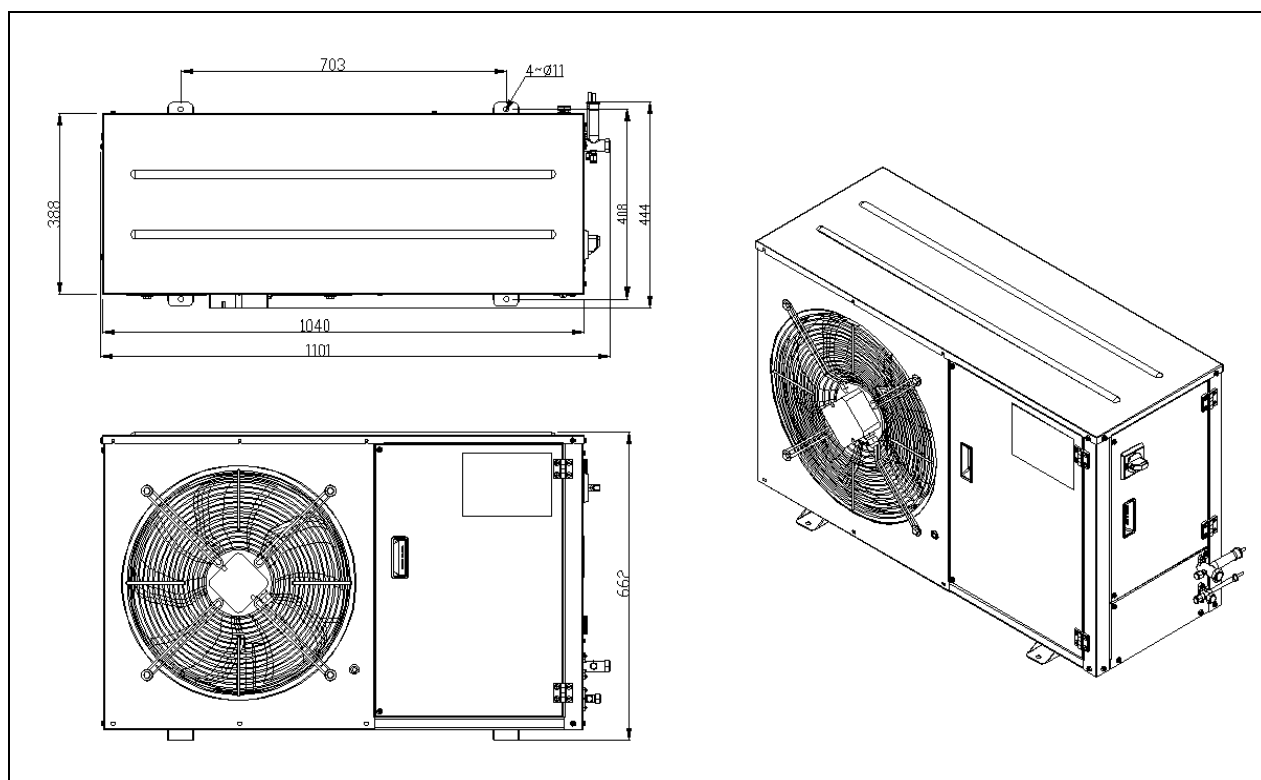


6. Outline Drawings

Series 1



Series 2

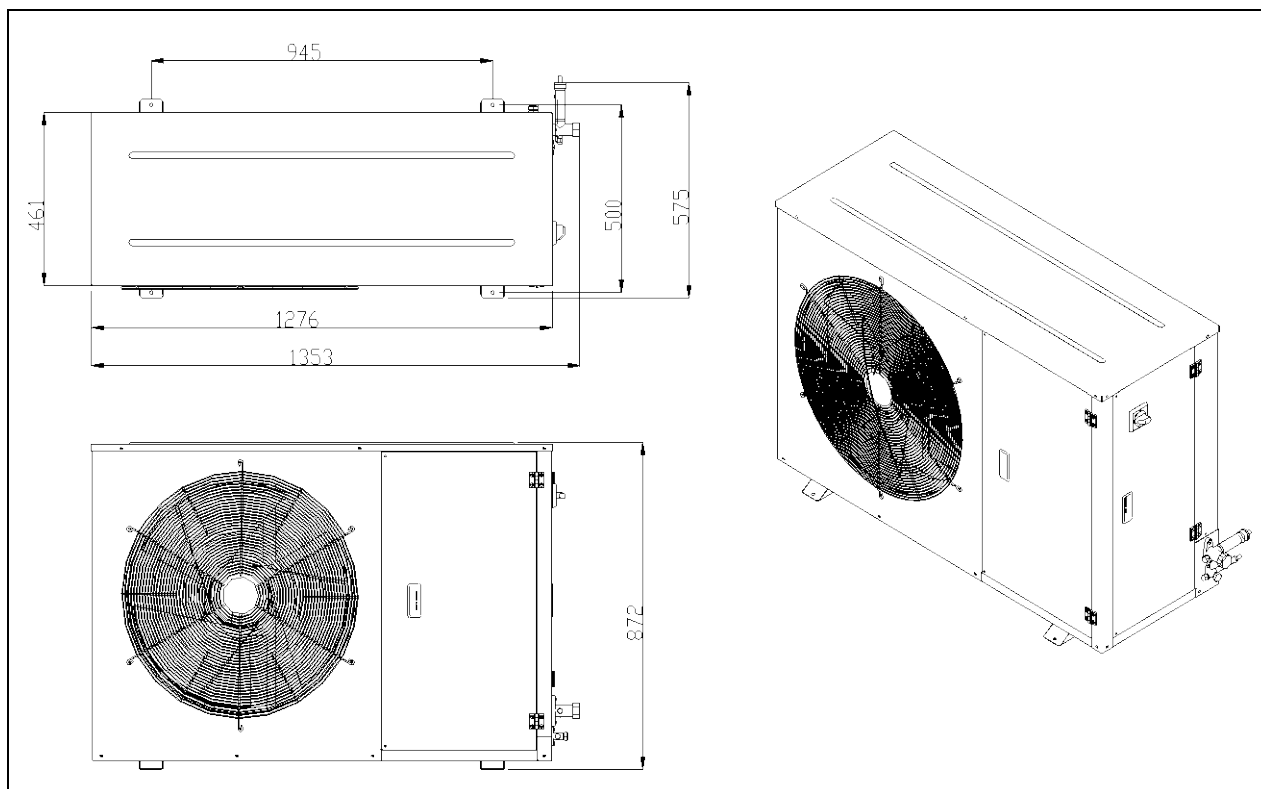


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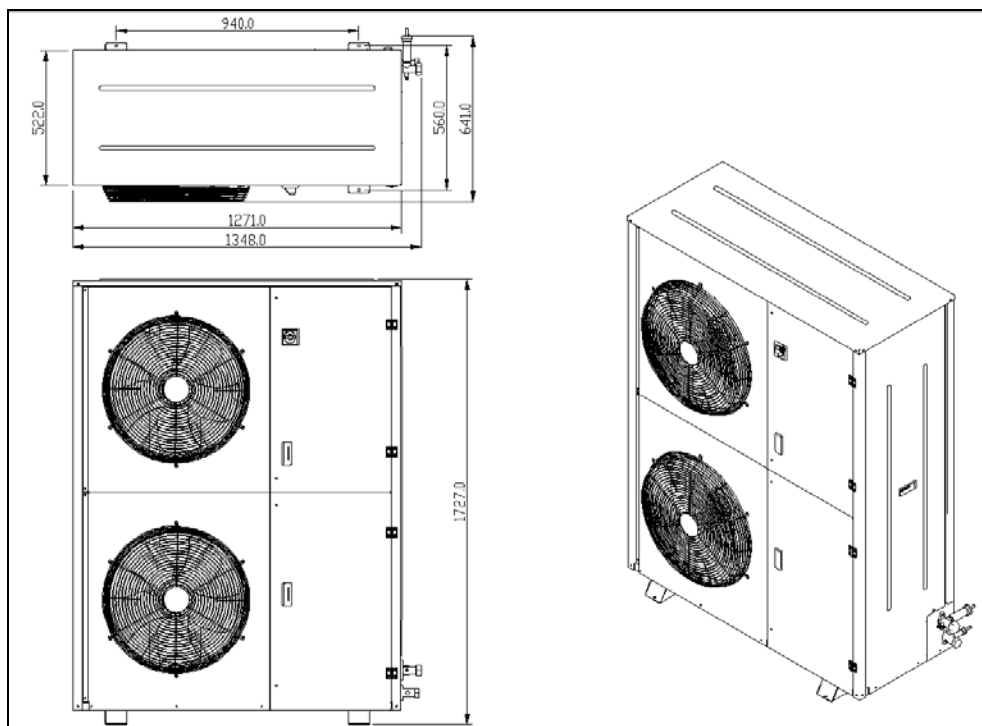
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Series 3

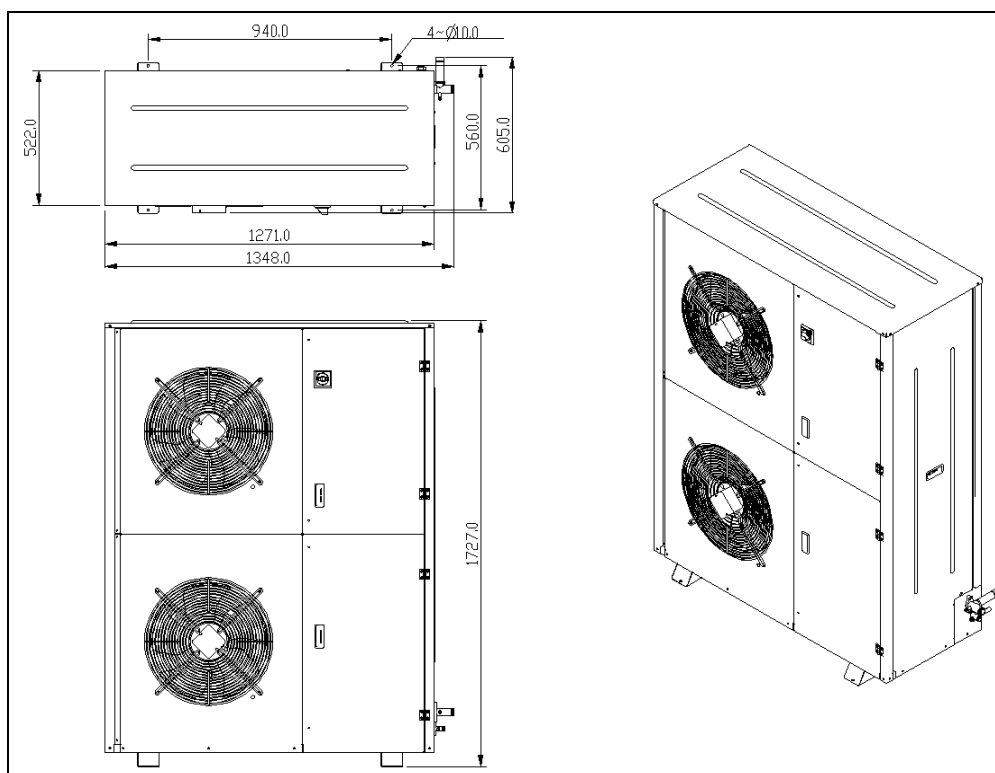


Series 4

Medium Temperature



Low Temperature



T-CU03-OCT14-1

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7. Performance Data

R404A Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Medium Back Pressure													
	HP	MODEL	COMPRESSOR	Ta / Te	(Watts)	-20	-15	-10	-5	0	5	10	
Series 1	0,5	JEHCCU0050CM1	AE4460Z-F1C	27	CC	637	796	987	1213	1476	1783	2137	
				27	PC	491	522	553	585	616	648	678	
				27	COP	1,30	1,52	1,78	2,07	2,40	2,75	3,15	
				32	CC	583	733	910	1116	1359	1639	1962	
				32	PC	541	578	626	654	692	731	770	
				32	COP	1,08	1,27	1,45	1,71	1,96	2,24	2,55	
				35	CC	550	694	862	1058	1287	1552	1856	
				35	PC	551	589	634	670	712	754	798	
				35	COP	1,00	1,18	1,36	1,58	1,81	2,06	2,33	
				38	CC	516	654	813	999	1214	1464	1749	
				38	PC	561	600	642	686	731	777	825	
				38	COP	0,92	1,09	1,27	1,46	1,66	1,88	2,12	
				43	CC	459	585	731	898	1091	1235	1569	
				43	PC	578	621	666	713	763	815	894	
				43	COP	0,79	0,94	1,10	1,26	1,43	1,51	1,75	
	0,67	JEHCCU0067CM1	CAJ9480Z	27	CC	809	1041	1319	1647	2034	2483	3008	
				27	PC	628	678	725	769	808	844	875	
				27	COP	1,29	1,54	1,82	2,14	2,52	2,94	3,44	
				32	CC	736	948	1225	1497	1847	2244	2712	
				32	PC	638	694	763	800	873	921	937	
				32	COP	1,15	1,37	1,61	1,87	2,11	2,44	2,89	
				35	CC	690	891	1142	1408	1733	2104	2536	
				35	PC	643	703	769	817	884	936	973	
				35	COP	1,07	1,27	1,49	1,72	1,96	2,25	2,61	
				38	CC	643	834	1058	1318	1618	1963	2359	
				38	PC	647	711	774	834	894	951	1008	
				38	COP	0,99	1,17	1,37	1,58	1,81	2,06	2,34	
				43	CC	563	737	938	1168	1432	1727	2070	
				43	PC	653	723	792	861	929	997	1065	
				43	COP	0,86	1,02	1,18	1,36	1,54	1,73	1,94	
	1,0	JEHCCU0100CM1	CAJ9510Z	27	CC	974	1240	1557	1928	2361	2855	3424	
				27	PC	746	814	881	946	1010	1074	1137	
				27	COP	1,31	1,52	1,77	2,04	2,34	2,66	3,01	
				32	CC	887	1134	1495	1760	2148	2593	3100	
				32	PC	759	833	927	981	1054	1128	1202	
				32	COP	1,17	1,36	1,61	1,79	2,04	2,30	2,58	
				35	CC	834	1069	1378	1659	2021	2434	2905	
				35	PC	765	843	931	1000	1079	1159	1240	
				35	COP	1,09	1,27	1,48	1,66	1,87	2,10	2,34	
				38	CC	780	1003	1260	1557	1894	2275	2710	
				38	PC	771	853	935	1019	1103	1189	1277	
				38	COP	1,01	1,18	1,35	1,53	1,72	1,91	2,12	
				43	CC	686	890	1156	1384	1680	2015	2386	
				43	PC	778	867	957	1048	1142	1251	1336	
				43	COP	0,88	1,03	1,21	1,32	1,47	1,61	1,79	
	1,13	JEHCCU0113CM1	CAJ9513Z	27	CC	1159	1499	1900	2364	2892	3482	4168	
				27	PC	844	938	1031	1123	1215	1310	1403	
				27	COP	1,37	1,60	1,84	2,11	2,38	2,66	2,97	
				32	CC	1047	1362	1761	2143	2616	3149	3746	
				32	PC	854	957	1102	1162	1266	1412	1479	
				32	COP	1,23	1,42	1,60	1,84	2,07	2,23	2,53	
				35	CC	976	1276	1637	2011	2487	2945	3495	
				35	PC	857	967	1097	1184	1289	1428	1524	
				35	COP	1,14	1,32	1,49	1,70	1,93	2,06	2,29	
				38	CC	905	1190	1513	1878	2358	2740	3244	
				38	PC	860	976	1091	1206	1311	1444	1568	
				38	COP	1,05	1,22	1,39	1,56	1,80	1,90	2,07	
				43	CC	783	1042	1333	1656	2013	2406	2830	
				43	PC	859	986	1112	1238	1367	1500	1639	
				43	COP	0,91	1,06	1,20	1,34	1,47	1,60	1,73	

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

If capacity data are required at other ambient operating conditions, please refer to your local affiliate or to the quick selection tool in our selection software RefrigXpress.

R404A Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Medium Back Pressure													
	HP	MODEL	COMPRESSOR	Ta / Te	(Watts)	-25	-20	-15	-10	-5	0	5	10
Series 2	1,4	JEHCCU0140CM1	CAJ4517Z	27	CC		1482	1906	2335	2991	3651	4426	5332
				27	PC		962	1044	1147	1210	1296	1385	1480
				27	COP		1,54	1,83	2,04	2,47	2,82	3,20	3,60
				32	CC	1016	1339	1734	2186	2733	3339	4048	4877
				32	PC	896	990	1081	1178	1263	1357	1455	1557
				32	COP	1,13	1,35	1,60	1,68	2,16	2,46	2,78	3,13
				35	CC	943	1254	1631	2074	2578	3150	3818	4598
				35	PC	902	1002	1100	1199	1294	1393	1497	1605
				35	COP	1,05	1,25	1,48	1,73	1,99	2,26	2,55	2,87
				38	CC	870	1168	1527	1961	2423	2960	3587	4319
				38	PC	908	1014	1118	1220	1324	1429	1538	1652
				38	COP	0,96	1,15	1,37	1,61	1,83	2,07	2,33	2,61
				43	CC		1024	1353	1732	2162	2644	3203	3854
				43	PC	1028	1143	1259	1371	1487	1606	1731	
				43	COP		1,00	1,18	1,26	1,58	1,78	1,99	2,23
	1,4	JEHCCU0140CM3	TAJ4517Z	27	CC		1526	1948	2440	3016	3686	4468	5378
				27	PC		1010	1101	1189	1275	1360	1445	1531
				27	COP		1,51	1,77	2,05	2,37	2,71	3,09	3,51
				32	CC	1021	1365	1762	2220	2756	3376	4096	4934
				32	PC	926	1033	1136	1235	1331	1425	1519	1614
				32	COP	1,10	1,32	1,55	1,80	2,07	2,37	2,70	3,06
				35	CC	934	1268	1650	2089	2597	3185	3824	4658
				35	PC	928	1044	1154	1260	1363	1464	1574	1667
				35	COP	1,01	1,21	1,43	1,66	1,91	2,18	2,43	2,79
				38	CC	846	1170	1537	1957	2438	2993	3551	4382
				38	PC	930	1054	1171	1285	1395	1503	1628	1720
				38	COP	0,91	1,11	1,31	1,52	1,75	1,99	2,18	2,55
				43	CC	700	1005	1347	1732	2169	2670	3246	3913
				43	PC	925	1064	1196	1323	1446	1567	1688	1810
				43	COP	0,76	0,94	1,13	1,31	1,50	1,70	1,92	2,16

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

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R404A Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

	HP	MODEL	COMPRESSOR	Ta / Te		(Watts)	-20	-15	-10	-5	0	5	10
Series 2	2,0	JEHSCU0200CM1	ZB15KQE-PFJ	27	CC	2660	3220	3750	4620	5470	6440	7540	
				27	PC	1320	1370	1470	1450	1480	1510	1520	
				27	COP	2,02	2,35	2,55	3,19	3,70	4,26	4,96	
				32	CC	2460	2990	3540	4280	5080	5990	7020	
				32	PC	1450	1500	1570	1590	1630	1660	1680	
				32	COP	1,70	1,99	2,25	2,69	3,12	3,61	4,18	
				35	CC	2340	2840	3390	4075	4835	5705	6690	
				35	PC	1535	1590	1650	1685	1725	1760	1785	
				35	COP	1,52	1,79	2,05	2,42	2,80	3,24	3,75	
				38	CC	2220	2690	3240	3870	4590	5420	6360	
				38	PC	1620	1680	1730	1780	1820	1860	1890	
				38	COP	1,37	1,60	1,87	2,17	2,52	2,91	3,37	
				43	CC	2010	2440	2930	3510	4170	4930	5800	
				43	PC	1790	1850	1910	1950	2000	2040	2080	
				43	COP	1,12	1,32	1,53	1,80	2,09	2,42	2,79	
	2,0	JEHSCU0200CM3	ZB15KQE-TFD	27	CC	2570	3150	3810	4570	5450	6450	7590	
				27	PC	1465	1495	1515	1525	1535	1555	1585	
				27	COP	1,75	2,11	2,51	3,00	3,55	4,15	4,79	
				32	CC	2340	2880	3490	4190	5000	5920	6970	
				32	PC	1645	1675	1695	1695	1705	1725	1755	
				32	COP	1,42	1,72	2,06	2,47	2,93	3,43	3,97	
				35	CC	2190	2705	3290	3955	4720	5590	6580	
				35	PC	1770	1800	1815	1820	1825	1845	1875	
				35	COP	1,24	1,50	1,81	2,17	2,59	3,03	3,51	
				38	CC	2040	2530	3090	3720	4440	5260	6190	
				38	PC	1895	1925	1935	1945	1945	1965	1995	
				38	COP	1,08	1,31	1,60	1,91	2,28	2,68	3,10	
				43	CC	1770	2230	2730	3310	3950	4680	5520	
				43	PC	2155	2175	2185	2185	2185	2195	2225	
				43	COP	0,82	1,03	1,25	1,51	1,81	2,13	2,48	
	2,5	JEHSCU0250CM1	ZB19KQE-PFJ	27	CC	3030	3650	4230	5210	6170	7280	8560	
				27	PC	1660	1730	1870	1840	1880	1920	1940	
				27	COP	1,83	2,11	2,26	2,83	3,28	3,79	4,41	
				32	CC	2800	3380	3990	4810	5700	6730	7910	
				32	PC	1840	1910	2000	2030	2080	2110	2140	
				32	COP	1,52	1,77	2,00	2,37	2,74	3,19	3,70	
				35	CC	2660	3210	3815	4565	5405	6380	7495	
				35	PC	1950	2025	2110	2155	2210	2250	2285	
				35	COP	1,36	1,59	1,81	2,12	2,45	2,84	3,28	
				38	CC	2520	3040	3640	4320	5110	6030	7080	
				38	PC	2060	2140	2220	2280	2340	2390	2430	
				38	COP	1,22	1,42	1,64	1,89	2,18	2,52	2,91	
				43	CC	2280	2740	3260	3890	4600	5430	6370	
				43	PC	2280	2360	2460	2520	2590	2650	2700	
				43	COP	1,00	1,16	1,33	1,54	1,78	2,05	2,36	
	2,5	JEHSCU0250CM3	ZB19KQE-TFD	27	CC	3160	3810	4560	5430	6440	7600	8930	
				27	PC	1715	1785	1845	1895	1945	1975	1995	
				27	COP	1,84	2,13	2,47	2,87	3,31	3,85	4,48	
				32	CC	2930	3530	4210	5020	5950	7020	8260	
				32	PC	1895	1965	2035	2095	2145	2185	2215	
				32	COP	1,55	1,80	2,07	2,40	2,77	3,21	3,73	
				35	CC	2785	3355	4005	4765	5640	6655	7825	
				35	PC	2010	2085	2160	2225	2280	2325	2360	
				35	COP	1,39	1,61	1,85	2,14	2,47	2,86	3,32	
				38	CC	2640	3180	3800	4510	5330	6290	7390	
				38	PC	2125	2205	2285	2355	2415	2465	2505	
				38	COP	1,24	1,44	1,66	1,92	2,21	2,55	2,95	
				43	CC	2380	2870	3420	4060	4800	5660	6650	
				43	PC	2345	2435	2515	2595	2665	2725	2785	
				43	COP	1,01	1,18	1,36	1,56	1,80	2,08	2,39	
	3	JEHSCU0300CM1	ZB21KQE-PFJ	27	CC	3790	4550	5230	6430	7590	8940	10500	
				27	PC	2150	2250	2450	2420	2490	2540	2580	
				27	COP	1,76	2,02	2,13	2,66	3,05	3,52	4,07	
				32	CC	3510	4200	4920	5920	6990	8230	9670	
				32	PC	2370	2480	2620	2670	2740	2800	2850	
				32	COP	1,48	1,69	1,88	2,22	2,55	2,94	3,39	
				35	CC	3335	3990	4705	5610	6615	7785	9135	
				35	PC	2510	2630	2755	2830	2915	2980	3040	
				35	COP	1,33	1,52	1,71	1,98	2,27	2,61	3,00	
				38	CC	3160	3780	4490	5300	6240	7340	8600	
				38	PC	2650	2780	2890	2990	3090	3160	3230	
				38	COP	1,19	1,36	1,55	1,77	2,02	2,32	2,66	
				43	CC	2850	3410	4000	4760	5590	6570		
				43	PC	2920	3060	3210	3300	3410	3500		
				43	COP	0,98	1,11	1,25	1,44	1,64	1,88		

	HP	MODEL	COMPRESSOR	Ta / Te		(Watts)	-20	-15	-10	-5	0	5	10
				Ta	Te								
Series 2	3	JEHSCU0300CM3	ZB21KQE-TFD	27	CC	3710	4450	5310	6290	7430	8760	10300	
				27	PC	2085	2185	2275	2355	2425	2465	2505	
				27	COP	1,78	2,04	2,33	2,67	3,06	3,55	4,11	
				32	CC	3430	4110	4890	5800	6850	8070	9470	
				32	PC	2305	2405	2515	2595	2665	2725	2765	
				32	COP	1,49	1,71	1,94	2,24	2,57	2,96	3,42	
				35	CC	3260	3905	4640	5495	6480	7630	8950	
				35	PC	2440	2550	2660	2750	2830	2900	2955	
				35	COP	1,34	1,53	1,74	2,00	2,29	2,63	3,03	
				38	CC	3090	3700	4390	5190	6110	7190	8430	
				38	PC	2575	2695	2805	2905	2995	3075	3145	
				38	COP	1,20	1,37	1,57	1,79	2,04	2,34	2,68	
				43	CC	2790	3330	3950	4660	5480	6430		
				43	PC	2835	2965	3095	3205	3305	3395		
				43	COP	0,98	1,12	1,28	1,45	1,66	1,89		
	3,5	JEHSCU0350CM3	ZB26KQE-TFD	27	CC	4220	5050	5990	7050	8250	9610	11150	
				27	PC	2515	2635	2765	2885	2995	3095	3185	
				27	COP	1,68	1,92	2,17	2,44	2,75	3,11	3,50	
				32	CC	3850	4610	5500	6440	7570	8840	10300	
				32	PC	2795	2935	3040	3185	3295	3395	3485	
				32	COP	1,38	1,57	1,81	2,02	2,30	2,60	2,96	
				35	CC	3625	4345	5170	6070	7145	8360	9775	
				35	PC	2985	3125	3248	3385	3495	3595	3680	
				35	COP	1,21	1,39	1,59	1,79	2,04	2,33	2,66	
				38	CC	3400	4080	4840	5700	6720	7880	9250	
				38	PC	3175	3315	3455	3585	3695	3795	3875	
				38	COP	1,07	1,23	1,40	1,59	1,82	2,08	2,39	
				43	CC	2980	3580	4260	5040				
				43	PC	3555	3705	3830	3965				
				43	COP	0,84	0,97	1,11	1,27				

TE: Evaporating Temperature (°C)
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 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

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R404A Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

	HP	MODEL	COMPRESSOR	Ta \ Te	(Watts)	-20	-15	-10	-5	0	5	10
Series 3	4	JEHS/SCU0400CM3	ZB29KQE	27	CC	5030	6100	7280	8630	10200	12000	13900
				27	PC	2810	2900	3020	3120	3210	3280	3370
				27	COP	1,79	2,10	2,41	2,77	3,18	3,66	4,12
				32	CC	4590	5580	6700	7980	9450	11150	13000
				32	PC	3140	3230	3330	3420	3500	3570	3650
				32	COP	1,46	1,73	2,01	2,33	2,70	3,12	3,56
				35	CC	4310	5255	6335	7570	8990	10650	12475
				35	PC	3365	3455	3545	3630	3700	3765	3835
				35	COP	1,28	1,52	1,79	2,09	2,43	2,83	3,25
				38	CC	4030	4930	5970	7160	8530	10150	11950
				38	PC	3590	3680	3760	3840	3900	3960	4020
				38	COP	1,12	1,34	1,59	1,86	2,19	2,56	2,97
	5	JEHS/SCU0500CM3	ZB38KQE	43	CC	3540	4370	5330	6440	7740	9250	11000
				43	PC	4020	4100	4160	4220	4280	4320	4350
				43	COP	0,88	1,07	1,28	1,53	1,81	2,14	2,53
				27	CC	6130	7390	8760	10300	12100	14200	16300
				27	PC	3660	3800	3980	4140	4290	4410	4590
				27	COP	1,67	1,94	2,20	2,49	2,82	3,22	3,55
				32	CC	5560	6730	8030	9510	11200	13150	15300
				32	PC	4090	4240	4390	4540	4680	4790	4930
				32	COP	1,36	1,59	1,83	2,09	2,39	2,75	3,10
				35	CC	5200	6315	7570	9000	10650	12525	14650
				35	PC	4390	4530	4670	4810	4935	5045	5160
				35	COP	1,18	1,39	1,62	1,87	2,16	2,48	2,84
	6	JEHS/SCU0600CM3	ZB45KQE	38	CC	4840	5900	7110	8490	10100	11900	14000
				38	PC	4690	4820	4950	5080	5190	5300	5390
				38	COP	1,03	1,22	1,44	1,67	1,95	2,25	2,60
				43	CC	4210	5170	6300	7610	9110	10850	12900
				43	PC	5260	5380	5480	5570	5670	5750	5820
				43	COP	0,80	0,96	1,15	1,37	1,61	1,89	2,22
				27	CC	7080	8560	10250	12100	14250	16700	19400
				27	PC	4180	4340	4490	4650	4800	4940	5080
				27	COP	1,69	1,97	2,28	2,60	2,97	3,38	3,82
				32	CC	6560	7910	9450	11200	13150	15400	17900
				32	PC	4570	4740	4920	5090	5260	5410	5560
				32	COP	1,44	1,67	1,92	2,20	2,50	2,85	3,22
	6,8	JEHS/SCU0680CM3	ZB48KQE	35	CC	6230	7510	8965	10600	12475	14600	16975
				35	PC	4830	5010	5200	5380	5560	5720	5885
				35	COP	1,29	1,50	1,72	1,97	2,24	2,55	2,88
				38	CC	5900	7110	8480	10000	11800	13800	16050
				38	PC	5090	5280	5480	5670	5860	6030	6210
				38	COP	1,16	1,35	1,55	1,76	2,01	2,29	2,58
				43	CC	5330	6420	7640	9020	10600	12400	
				43	PC	5570	5780	6000	6210	6420	6610	
				43	COP	0,96	1,11	1,27	1,45	1,65	1,88	
				27	CC	7650	9210	11000	13000	15250	17800	20700
				27	PC	4680	4870	5060	5250	5440	5610	5780
				27	COP	1,63	1,89	2,17	2,48	2,80	3,17	3,58
				32	CC	7070	8520	10150	12000	14050	16400	19050
				32	PC	5110	5320	5530	5740	5940	6120	6320
				32	COP	1,38	1,60	1,84	2,09	2,37	2,68	3,01
				35	CC	6715	8085	9625	11350	13300	15550	18075
				35	PC	5400	5620	5840	6060	6275	6470	6675
				35	COP	1,24	1,44	1,65	1,87	2,12	2,40	2,71
				38	CC	6360	7650	9100	10700	12550	14700	17100
				38	PC	5690	5920	6150	6380	6610	6820	7030
				38	COP	1,12	1,29	1,48	1,68	1,90	2,16	2,43
				43	CC	5740	6890	8190	9640	11300	13200	
				43	PC	6210	6470	6720	6980	7230	7460	
				43	COP	0,92	1,06	1,22	1,38	1,56	1,77	

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

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R404A Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

	HP	MODEL	COMPRESSOR	Ta \ Te	(Watts)	-20	-15	-10	-5	0	5	10
Series 4	8	JEHS/SCU0800CM3	ZB58KCE	27	CC	9590	11650	14050	16800	19900	23400	27400
				27	PC	4920	5230	5510	5780	6050	6290	6500
				27	COP	1,95	2,23	2,55	2,91	3,29	3,72	4,22
				32	CC	8800	10750	12950	15550	18500	21900	25700
				32	PC	5350	5660	5960	6250	6510	6750	6950
				32	COP	1,64	1,90	2,17	2,49	2,84	3,24	3,70
				35	CC	8305	10165	12275	14750	17600	20900	24600
				35	PC	5635	5950	6255	6550	6810	7040	7245
				35	COP	1,47	1,71	1,96	2,25	2,58	2,97	3,40
				38	CC	7810	9580	11600	13950	16700	19900	23500
				38	PC	5920	6240	6550	6850	7110	7330	7540
				38	COP	1,32	1,54	1,77	2,04	2,35	2,71	3,12
				43	CC	6930	8560	10400	12550	15100	18150	21500
				43	PC	6440	6760	7090	7400	7650	7860	8070
				43	COP	1,08	1,27	1,47	1,70	1,97	2,31	2,66
	10	JEHS/SCU1000CM3	ZB76KCE	27	CC	12250	14900	18000	21500	25400	29800	34800
				27	PC	7270	7570	7830	8100	8380	8660	8930
				27	COP	1,69	1,97	2,30	2,65	3,03	3,44	3,90
				32	CC	11000	13550	16450	19750	23500	27800	32600
				32	PC	8120	8370	8620	8860	9100	9310	9550
				32	COP	1,35	1,62	1,91	2,23	2,58	2,99	3,41
				35	CC	10165	12650	15450	18625	22300	26500	31200
				35	PC	8705	8925	9160	9380	9585	9755	9975
				35	COP	1,17	1,42	1,69	1,99	2,33	2,72	3,13
				38	CC	9330	11750	14450	17500	21100	25200	29800
				38	PC	9290	9480	9700	9900	10070	10200	10400
				38	COP	1,00	1,24	1,49	1,77	2,10	2,47	2,87
				43	CC	7810	10150	12650	15550	18950	23000	27500
				43	PC	10400	10550	10750	10900	11000	11050	11200
				43	COP	0,75	0,96	1,18	1,43	1,72	2,08	2,46

TE: Evaporating Temperature (°C)
TA: Ambient Temperature (°C)
CC: Cooling Capacity (W), ± 10%
PC: Power consumption (W), ± 10%

If capacity data are required at other ambient operating conditions, please refer to your local affiliate or to the quick selection tool in our selection software RefrigXpress.

R407A Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Medium Back Pressure																
	HP	MODEL	COMPRESSOR	Ta / Te	(Watts)	-20	-15	-10	-5	0	5	10				
Series 1	0,5	JEHCCU0050CM1	AE4460Z-F1C	27	CC			728	939	1235	1580	1978				
				27	PC			529	542	593	626	653				
				27	COP			1,38	1,73	2,08	2,52	3,03				
				32	CC			721	927	1206	1529	1900				
				32	PC			541	564	615	656	689				
				32	COP			1,33	1,64	1,96	2,33	2,76				
				35	CC			709	910	1178	1485	1838				
				35	PC			550	578	629	673	711				
				35	COP			1,29	1,58	1,87	2,21	2,59				
				38	CC			697	894	1149	1440	1777				
				38	PC			558	591	642	691	733				
				38	COP			1,25	1,51	1,79	2,09	2,43				
	0,67	JEHCCU0067CM1	CAJ9480Z	27	CC			992	1296	1713	2197	2755				
				27	PC			690	713	780	826	860				
				27	COP			1,44	1,82	2,20	2,66	3,20				
				32	CC			966	1257	1642	2086	2598				
				32	PC			703	739	808	864	910				
				32	COP			1,37	1,70	2,03	2,41	2,86				
				35	CC			940	1220	1584	2002	2484				
				35	PC			710	754	825	887	938				
				35	COP			1,32	1,62	1,92	2,26	2,65				
				1,0	JEHCCU0100CM1	CAJ9510Z	27	CC			1225	1596	2096	2668	3325	
							27	PC			824	865	955	1025	1083	
							27	COP			1,49	1,84	2,19	2,60	3,07	
	32	CC						1192	1543	2000	2520	3116				
	32	PC						841	897	989	1071	1142				
	32	COP						1,42	1,72	2,02	2,35	2,73				
	35	CC						1159	1495	1923	2407	2965				
	35	PC						849	914	1009	1097	1175				
	35	COP						1,36	1,64	1,91	2,19	2,52				
	1,13	JEHCCU0113CM1	CAJ9513Z				27	CC			1553	2029	2650	3345	4121	
							27	PC			956	1021	1139	1244	1338	
							27	COP			1,62	1,99	2,33	2,69	3,08	
				32	CC			1487	1932	2490	3106	3792				
				32	PC			975	1059	1183	1300	1410				
				32	COP			1,52	1,82	2,11	2,39	2,69				
35				CC			1431	1852	2369	2943	3571					
35				PC			986	1080	1206	1333	1452					
35				COP			1,45	1,71	1,96	2,21	2,46					

TE: Evaporating Temperature (°C)
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 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

If capacity data are required at other ambient operating conditions, please refer to your local affiliate or to the quick selection tool in our selection software RefrigXpress.

R407A Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Medium Back Pressure													
	HP	MODEL	COMPRESSOR	Ta \ Te	(Watts)	-20	-15	-10	-5	0	5	10	
Series 2	1,4	JEHCCU0140CM1	CAJ4517Z	27	CC			1768	2304	3044	3902	4887	
				27	PC			1082	1127	1250	1347	1438	
				27	COP			1,63	2,04	2,44	2,90	3,40	
				32	CC			1734	2255	2955	3761	4686	
				32	PC			1106	1167	1289	1395	1492	
				32	COP			1,57	1,93	2,29	2,70	3,14	
				35	CC			1698	2209	2882	3656	4545	
				35	PC			1119	1189	1312	1422	1525	
				35	COP			1,52	1,86	2,20	2,57	2,98	
				38	CC			1663	2162	2810	3551	4404	
				38	PC			1132	1211	1334	1450	1558	
				38	COP			1,47	1,78	2,11	2,45	2,83	
				43	CC			1581	2056	2658	3345	4136	
				43	PC			1150	1246	1370	1495	1611	
				43	COP			1,38	1,65	1,94	2,24	2,57	
	1,4	JEHCCU0140CM3	TAJ4517Z	27	CC			1777	2323	3075	3943	4935	
				27	PC			1137	1183	1308	1401	1484	
				27	COP			1,56	1,96	2,35	2,81	3,33	
				32	CC			1737	2273	2987	3807	4743	
				32	PC			1159	1223	1348	1452	1543	
				32	COP			1,50	1,86	2,22	2,62	3,07	
				35	CC			1698	2224	2914	3703	4605	
				35	PC			1173	1247	1373	1483	1580	
				35	COP			1,45	1,78	2,12	2,50	2,91	
				38	CC			1659	2175	2840	3599	4467	
				38	PC			1186	1271	1398	1514	1617	
				38	COP			1,40	1,71	2,03	2,38	2,76	
				43	CC			1569	2063	2684	3391	4198	
				43	PC			1205	1308	1439	1566	1679	
				43	COP			1,30	1,58	1,86	2,17	2,50	

TE: Evaporating Temperature (°C)

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CC: Cooling Capacity (W), ± 10%

PC: Power consumption (W), ± 10%

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R407A Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

	HP	MODEL	COMPRESSOR	Ta / Te		(Watts)	-20	-15	-10	-5	0	5	10
				Ta	Te								
Series 2	2.0	JEHSCU0200CM1	ZB15KQE-PFJ	27	CC		2880	3590	4390	5300	6320		
				27	PC		1445	1465	1485	1515	1555		
				27	COP		1,99	2,45	2,96	3,50	4,06		
				32	CC		2720	3390	4160	5020	6000		
				32	PC		1575	1595	1615	1655	1685		
				32	COP		1,73	2,13	2,58	3,03	3,56		
				35	CC		2620	3270	4015	4855	5805		
				35	PC		1655	1680	1705	1740	1775		
				35	COP		1,58	1,95	2,35	2,79	3,27		
				27	CC		2880	3560	4320	5190	6210		
	2.0	JEHSCU0200CM3	ZB15KQE-TFD	27	PC		1465	1485	1515	1565	1605		
				27	COP		1,97	2,40	2,85	3,32	3,87		
				32	CC		2710	3360	4090	4920	5900		
				32	PC		1605	1625	1655	1695	1745		
				32	COP		1,69	2,07	2,47	2,90	3,38		
				35	CC		2610	3240	3945	4760	5715		
				35	PC		1695	1715	1745	1790	1840		
				35	COP		1,54	1,89	2,26	2,66	3,11		
				38	CC		2510	3120	3800	4600	5530		
				38	PC		1785	1805	1835	1885	1935		
	2.5	JEHSCU0250CM1	ZB19KQE-PFJ	38	COP		1,41	1,73	2,07	2,44	2,86		
				43	CC		2350	2910	3560	4320	5210		
				43	PC		1945	1965	2005	2055	2105		
				43	COP		1,21	1,48	1,78	2,10	2,48		
				27	CC		3450	4190	5030	6020	7160		
				27	PC		1775	1835	1885	1925	1945		
				27	COP		1,94	2,28	2,67	3,13	3,68		
				32	CC		3280	3980	4790	5720	6820		
				32	PC		1935	1985	2035	2075	2095		
				32	COP		1,70	2,01	2,35	2,76	3,26		
	2.5	JEHSCU0250CM3	ZB19KQE-TFD	35	CC			3850	4635	5545	6610		
				35	PC			2085	2135	2175	2190		
				35	COP			1,85	2,17	2,55	3,02		
				27	CC		3410	4150	4990	5960	7090		
				27	PC		1795	1865	1925	1975	2005		
				27	COP		1,90	2,23	2,59	3,02	3,54		
				32	CC		3240	3940	4740	5670	6750		
				32	PC		1945	2025	2085	2145	2175		
				32	COP		1,67	1,95	2,27	2,64	3,10		
				35	CC		3135	3810	4590	5495	6545		
	3	JEHSCU0300CM1	ZB21KQE-PFJ	35	PC		2040	2120	2190	2245	2275		
				35	COP		1,54	1,80	2,10	2,45	2,88		
				38	CC		3030	3680	4440	5320	6340		
				38	PC		2135	2215	2295	2345	2375		
				38	COP		1,42	1,66	1,93	2,27	2,67		
				43	CC			3470	4190	5020	5980		
				43	PC			2385	2465	2525	2555		
				43	COP			1,45	1,70	1,99	2,34		
				27	CC		4040	4880	5840	6950	8250		
				27	PC		2165	2295	2395	2465	2505		
	3	JEHSCU0300CM3	ZB21KQE-TFD	27	COP		1,87	2,13	2,44	2,82	3,29		
				32	CC		3850	4650	5570	6630	7870		
				32	PC		2335	2465	2565	2635	2675		
				32	COP		1,65	1,89	2,17	2,52	2,94		
				35	CC			4520	5405	6435	7635		
				35	PC			2575	2675	2745	2780		
				35	COP			1,76	2,02	2,34	2,75		
				27	CC		3920	4790	5780	6930	8260		
				27	PC		2125	2265	2405	2515	2565		
				27	COP		1,84	2,11	2,40	2,76	3,22		
				32	CC		3710	4540	5490	6580	7850		
				32	PC		2295	2445	2585	2705	2765		
				32	COP		1,62	1,86	2,12	2,43	2,84		
				35	CC		3580	4385	5310	6365	7595		
				35	PC		2405	2560	2705	2825	2890		
				35	COP		1,49	1,71	1,96	2,25	2,63		
				38	CC		3450	4230	5130	6150	7340		
				38	PC		2515	2675	2825	2945	3015		
				38	COP		1,37	1,58	1,82	2,09	2,43		
				43	CC			3980	4820				
	43	PC			2875	3035							
	43	COP			1,38	1,59							

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PC: Power consumption (W), ± 10%

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All specifications are subjected to change by the manufacturer without prior notice.

The English text is the original instruction. Other languages are the translations of the original instructions.

R407A Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-20	-15	-10	-5	0	5	10
Series 3	4	JEHS/SCU0400CM3	ZB29KQE	27	CC		5740	7020	8470	10100	11950		
				27	PC		2530	2650	2780	2920	3060		
				27	COP		2,27	2,65	3,05	3,46	3,91		
				32	CC		5330	6570	7990	9630	11500		
				32	PC		2870	2970	3070	3180	3260		
				32	COP		1,86	2,21	2,60	3,03	3,53		
				35	CC		5075	6285	7690	9320	11200		
				35	PC		3110	3195	3275	3360	3415		
				35	COP		1,63	1,97	2,35	2,77	3,28		
				38	CC		4820	6000	7390	9010	10900		
				38	PC		3350	3420	3480	3540	3570		
				38	COP		1,44	1,75	2,12	2,55	3,05		
	5	JEHS/SCU0500CM3	ZB38KQE	43	CC		5510	6850	8450	10350			
				43	PC			3850	3870	3880	3870		
				43	COP			1,43	1,77	2,18	2,67		
				27	CC		7080	8570	10250	12100	14100		
				27	PC		3350	3590	3840	4110	4380		
				27	COP		2,11	2,39	2,67	2,94	3,22		
				32	CC		6580	8030	9680	11550	13700		
				32	PC		3710	3930	4160	4380	4580		
				32	COP		1,77	2,04	2,33	2,64	2,99		
				35	CC		6270	7690	9320	11200	13350		
				35	PC		3960	4170	4375	4565	4720		
				35	COP		1,58	1,84	2,13	2,45	2,83		
	6	JEHS/SCU0600CM3	ZB45KQE	38	CC			7350	8960	10850			
				38	PC			4410	4590	4750			
				38	COP			1,67	1,95	2,28			
				43	CC			6770					
				43	PC			4860					
				43	COP			1,39					
				27	CC		7980	9810	11950	14400	17250		
				27	PC		4120	4230	4320	4380	4430		
				27	COP		1,94	2,32	2,77	3,29	3,89		
				32	CC		7560	9240	11150	12400	15950		
				32	PC		4450	4620	4780	4920	5030		
				32	COP		1,70	2,00	2,33	2,52	3,17		
	6,8	JEHS/SCU0680CM3	ZB48KQE	35	CC		7300	8880	10675	12250	15100		
				35	PC		4650	4865	5075	5260	5420		
				35	COP		1,57	1,83	2,10	2,33	2,79		
				38	CC		7040	8520	10200	12100			
				38	PC		4850	5110	5370	5600			
				38	COP		1,45	1,67	1,90	2,16			
				43	CC			7890					
				43	PC			5530					
				43	COP			1,43					
				27	CC		9000	11000	13350	16050	19250		
				27	PC		4900	5060	5190	5290	5350		
				27	COP		1,84	2,17	2,57	3,03	3,60		
				32	CC		8540	10350	12450	14800	17600		
				32	PC		5280	5540	5770	5970	6110		
				32	COP		1,62	1,87	2,16	2,48	2,88		
				35	CC		8240	9925	11850	14050	16600		
				35	PC		5530	5850	6155	6410	6620		
				35	COP		1,49	1,70	1,93	2,19	2,51		

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CC: Cooling Capacity (W), ± 10%

PC: Power consumption (W), ± 10%

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R407A Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

	HP	MODEL	COMPRESSOR	Ta / Te	(Watts)	-20	-15	-10	-5	0	5	10
Series 4	8	JEHS/SCU0800CM3	ZB58KCE	27	CC		10800	13400	16450	19950	23900	
				27	PC		5510	5700	5880	6030	6130	
				27	COP		1,96	2,35	2,80	3,31	3,90	
				32	CC		10100	12550	15450	18750	22500	
				32	PC		6050	6240	6440	6610	6740	
				32	COP		1,67	2,01	2,40	2,84	3,34	
				35	CC		9680	12050	14825	18000	21650	
				35	PC		6425	6615	6815	7000	7150	
				35	COP		1,51	1,65	1,97	2,33	2,75	
				38	CC		9260	11550	14200	17250	20800	
				38	PC		6800	6990	7190	7390	7560	
				38	COP		1,36	1,65	1,97	2,33	2,75	
				43	CC			10650	13100			
				43	PC			7700	7900			
				43	COP			1,38	1,66			
	10	JEHS/SCU1000CM3	ZB76KCE	27	CC		12650	15900	19700	24100	29200	
				27	PC		7430	7770	8040	8250	8410	
				27	COP		1,70	2,05	2,45	2,92	3,47	
				32	CC		11700	14750	18350	22500	27400	
				32	PC		8010	8410	8720	8980	9180	
				32	COP		1,46	1,75	2,10	2,51	2,98	
				35	CC			14050	17525	21500	26200	
				35	PC			8800	9150	9445	9670	
				35	COP			1,65	1,97	2,33	2,75	

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

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R407F Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Medium Back Pressure													
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-20	-15	-10	-5	0	5	10
Series 1	0,5	JEHCCU0050CM1	AE4460Z-F1C	27	CC				801	1048	1359	1669	2040
				27	PC				504	549	596	620	664
				27	COP				1,59	1,91	2,28	2,69	3,07
				32	CC				778	1016	1310	1608	1992
				32	PC				528	576	623	653	698
				32	COP				1,47	1,76	2,10	2,46	2,86
				35	CC				758	990	1272	1563	1935
				35	PC				542	592	640	673	718
				35	COP				1,40	1,67	1,99	2,32	2,69
				38	CC				739	964	1235	1519	1877
				38	PC				557	609	657	693	739
				38	COP				1,33	1,58	1,88	2,19	2,54
				43	CC				697	910	1162	1432	1769
				43	PC				582	636	685	727	773
				43	COP				1,20	1,43	1,70	1,97	2,29
	0,67	JEHCCU0067CM1	CAJ9480Z	27	CC				1076	1420	1846	2276	2830
				27	PC				664	731	795	834	888
				27	COP				1,62	1,94	2,32	2,73	3,19
				32	CC				1029	1357	1755	2166	2691
				32	PC				690	763	829	874	930
				32	COP				1,49	1,78	2,12	2,48	2,89
				35	CC				995	1311	1693	2093	2599
				35	PC				705	780	847	897	955
				35	COP				1,41	1,68	2,00	2,33	2,72
				27	CC				1319	1729	2226	2730	3368
				27	PC				802	895	984	1049	1131
				27	COP				1,64	1,93	2,26	2,60	2,98
	1,0	JEHCCU0100CM1	CAJ9510Z	32	CC				1261	1650	2113	2594	3199
				32	PC				834	931	1022	1094	1177
				32	COP				1,51	1,77	2,07	2,37	2,72
				35	CC				1219	1594	2037	2504	3089
				35	PC				851	951	1043	1119	1203
				35	COP				1,43	1,68	1,95	2,24	2,57
				27	CC				1641	2151	2745	3338	4055
				27	PC				944	1070	1193	1297	1420
	1,13	JEHCCU0113CM1	CAJ9513Z	27	COP				1,74	2,01	2,30	2,57	2,86
				32	CC				1550	2031	2586	3152	3831
				32	PC				979	1111	1234	1347	1469
				32	COP				1,58	1,83	2,10	2,34	2,61
				35	CC				1485	1950	2482	3033	3691
				35	PC				998	1133	1258	1374	1498
				35	COP				1,49	1,72	1,97	2,21	2,46

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

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R407F Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Medium Back Pressure													
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-20	-15	-10	-5	0	5	10
Series 2	1,4	JEHCCU0140CM1	CAJ4517Z	27	CC				1948	2578	3367	4153	5177
				27	PC				1022	1129	1243	1315	1437
				27	COP				1,91	2,28	2,71	3,16	3,60
				32	CC				1873	2476	3218	3977	4951
				32	PC				1073	1187	1301	1381	1499
				32	COP				1,75	2,09	2,47	2,88	3,30
				35	CC				1814	2399	3112	3854	4799
				35	PC				1102	1220	1334	1419	1537
				35	COP				1,65	1,97	2,33	2,72	3,12
				38	CC				1755	2321	3006	3731	4647
				38	PC				1131	1253	1368	1458	1575
				38	COP				1,55	1,85	2,20	2,56	2,95
				43	CC				1632	2164	2802	3495	4365
				43	PC				1173	1305	1421	1523	1637
				43	COP				1,39	1,66	1,97	2,30	2,67
	1,4	JEHCCU0140CM3	TAJ4517Z	27	CC				1957	2599	3401	4196	5229
				27	PC				1073	1185	1299	1366	1482
				27	COP				1,82	2,19	2,62	3,07	3,53
				32	CC				1878	2496	3254	4026	5011
				32	PC				1124	1245	1360	1437	1550
				32	COP				1,67	2,01	2,39	2,80	3,23
				35	CC				1813	2415	3146	3903	4862
				35	PC				1154	1280	1397	1480	1592
				35	COP				1,57	1,89	2,25	2,64	3,05
				38	CC				1749	2334	3039	3781	4713
				38	PC				1184	1315	1434	1523	1634
				38	COP				1,48	1,77	2,12	2,48	2,88
				43	CC				1616	2171	2829	3543	4431
				43	PC				1229	1372	1494	1595	1706
				43	COP				1,32	1,58	1,89	2,22	2,60

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

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R407F Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

	HP	MODEL	COMPRESSOR	Ta Te		(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 2	2,0	JEHSCU0200CM1	ZB15KQE-PFJ	27	CC					2900	3550	4280	5110	6050	
				27	PC					1505	1545	1575	1605	1615	
				27	COP					1,93	2,30	2,72	3,18	3,75	
				32	CC					2620	3260	3980	4780	5710	
				32	PC					1705	1735	1765	1785	1785	
				32	COP					1,54	1,88	2,25	2,68	3,20	
				35	CC					2420	3050	3765	4565	5485	
				35	PC					1845	1875	1895	1905	1895	
				35	COP					1,31	1,63	1,99	2,40	2,89	
	2,0	JEHSCU0200CM3	ZB15KQE-TFD	27	CC					2870	3520	4240	5060	5990	
				27	PC					1535	1575	1605	1635	1665	
				27	COP					1,87	2,23	2,64	3,09	3,60	
				32	CC					2590	3220	3930	4730	5650	
				32	PC					1745	1775	1805	1825	1835	
				32	COP					1,48	1,81	2,18	2,59	3,08	
				35	CC					2390	3015	3720	4515	5425	
				35	PC					1885	1920	1940	1955	1955	
				35	COP					1,27	1,57	1,92	2,31	2,77	
	2,5	JEHSCU0250CM1	ZB19KQE-PFJ	27	CC					3330	4110	4970	5950	7070	
				27	PC					1785	1875	1965	2035	2085	
				27	COP					1,87	2,19	2,53	2,92	3,39	
				32	CC					2960	3730	4590	5560	6680	
				32	PC					2005	2085	2165	2225	2255	
				32	COP					1,48	1,79	2,12	2,50	2,96	
				35	CC					3475	4330	5300	6425		
				35	PC					2235	2305	2350	2370		
				35	COP					1,55	1,88	2,26	2,71		
	2,5	JEHSCU0250CM3	ZB19KQE-TFD	27	CC					3440	4170	4990	5940	7030	
				27	PC					1855	1945	2035	2105	2165	
				27	COP					1,85	2,14	2,45	2,82	3,25	
				32	CC					3140	3850	4660	5600	6680	
				32	PC					2065	2155	2245	2325	2365	
				32	COP					1,52	1,79	2,08	2,41	2,82	
				35	CC					2930	3630	4440	5375	6455	
				35	PC					2205	2300	2385	2460	2495	
				35	COP					1,33	1,58	1,86	2,18	2,59	
	3	JEHSCU0300CM1	ZB21KQE-PFJ	27	CC					4050	4890	5830	6900	8150	
				27	PC					2245	2375	2495	2595	2665	
				27	COP					1,80	2,06	2,34	2,66	3,06	
				32	CC					3710	4500	5410	6460	7690	
				32	PC					2535	2655	2755	2835	2885	
				32	COP					1,46	1,69	1,96	2,28	2,67	
				35	CC					4260	5135	6175	7405		
				35	PC					2835	2940	3000	3030		
				35	COP					1,50	1,75	2,06	2,44		
	3	JEHSCU0300CM1/3	ZB21KQE	27	CC					4010	4850	5800	6860	8090	
				27	PC					2295	2435	2575	2705	2795	
				27	COP					1,75	1,99	2,25	2,54	2,89	
				32	CC					3630	4450	5370	6430	7650	
				32	PC					2555	2705	2845	2955	3035	
				32	COP					1,42	1,65	1,89	2,18	2,52	
				35	CC					4180	5080	6140	7370		
				35	PC					2865	3015	3120	3185		
				35	COP					1,46	1,68	1,97	2,31		

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 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

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R407F Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

	HP	MODEL	COMPRESSOR	Ta \ Te		(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 3	4	JEHS/SCU0400CM3	ZB29KQE	27	CC					5770	7100	8610	10350	12300	
				27	PC					2790	2920	3030	3120	3190	
				27	COP					2,07	2,43	2,84	3,32	3,86	
				32	CC					5280	6620	8130	9850	11800	
				32	PC					3080	3210	3310	3390	3440	
				32	COP					1,71	2,06	2,46	2,91	3,43	
				35	CC					4960	6290	7790	9500	11450	
				35	PC					3260	3400	3505	3575	3620	
				35	COP					1,52	1,85	2,22	2,66	3,16	
	5	JEHS/SCU0500CM3	ZB38KQE	27	CC					7060	8590	10350	12400	14800	
				27	PC					3770	3990	4190	4350	4480	
				27	COP					1,87	2,15	2,47	2,85	3,30	
				32	CC					6440	7990	9770	11850	14250	
				32	PC					4170	4360	4530	4670	4780	
				32	COP					1,54	1,83	2,16	2,54	2,98	
				35	CC					6040	7580	9355	11425	13800	
				35	PC					4430	4605	4770	4900	5005	
				35	COP					1,36	1,65	1,96	2,33	2,76	
	6	JEHS/SCU0600CM3	ZB45KQE	27	CC					8150	10100	12300	14750	17500	
				27	PC					4370	4590	4790	4980	5150	
				27	COP					1,86	2,20	2,57	2,96	3,40	
				32	CC					7450	9360	11450	13850	16500	
				32	PC					4770	5030	5260	5460	5630	
				32	COP					1,56	1,86	2,18	2,54	2,93	
				35	CC					6980	8860	10925	13250	15900	
				35	PC					5010	5295	5545	5760	5930	
				35	COP					1,39	1,67	1,97	2,30	2,68	
	6,8	JEHS/SCU0680CM3	ZB48KQE	27	CC					9180	11300	13650	16300	19300	
				27	PC					5100	5450	5770	6050	6290	
				27	COP					1,80	2,07	2,37	2,69	3,07	
				32	CC					8360	10400	12650	15200	18100	
				32	PC					5580	5980	6330	6640	6880	
				32	COP					1,50	1,74	2,00	2,29	2,63	
				35	CC						9795	12000	14500		
				35	PC						6310	6690	7010		
				35	COP						1,55	1,79	2,07		

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 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

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R407F Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-20	-15	-10	-5	0	5	10
Series 4	8	JEHS/SCU0800CM3	ZB58KCE	27	CC			10750	13450	16350	19650	23400	
				27	PC			5350	5720	6060	6370	6680	
				27	COP			2,01	2,35	2,70	3,08	3,50	
				32	CC			10000	12650	15550	18800	22500	
				32	PC			5690	6130	6490	6790	7040	
				32	COP			1,76	2,06	2,40	2,77	3,20	
				35	CC			9510	12100	14975	18225	21950	
				35	PC			5890	6360	6745	7050	7285	
				35	COP			1,61	1,90	2,22	2,59	3,01	
				38	CC				11550	14400	17650	21400	
				38	PC				6590	7000	7310	7530	
				38	COP				1,75	2,06	2,41	2,84	
				43	CC				10550	13350	16550	20200	
				43	PC				6950	7420	7760	7990	
				43	COP				1,52	1,80	2,13	2,53	
	10	JEHS/SCU1000CM3	ZB76KCE	27	CC			13400	17050	21000	25300	30100	
				27	PC			7910	8300	8690	9090	9480	
				27	COP			1,69	2,05	2,42	2,78	3,18	
				32	CC			12100	15950	19750	24200	29200	
				32	PC			8490	8840	9290	9630	9910	
				32	COP			1,43	1,80	2,13	2,51	2,95	
				35	CC				15050	18950	23400	28500	
				35	PC				9260	9675	9995	10230	
				35	COP				1,63	1,96	2,34	2,79	

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

If capacity data are required at other ambient operating conditions, please refer to your local affiliate or to the quick selection tool in our selection software RefrigXpress.

R134a Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Medium Back Pressure													
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-15	-10	-5	0	5	10	15
Series 1	0,4	JEHCCU0040CM1	AE4440Y	27	CC	452	582	714	854	1100	1330	1597	
				27	PC	403	426	454	488	503	530	556	
				27	COP	1,12	1,37	1,57	1,75	2,19	2,51	2,87	
				32	CC	433	553	673	849	1039	1260	1516	
				32	PC	407	433	465	490	519	549	580	
				32	COP	1,06	1,28	1,45	1,73	2,00	2,30	2,61	
				35	CC	415	532	646	816	998	1210	1458	
				35	PC	386	413	447	474	505	538	572	
				35	COP	1,08	1,29	1,45	1,72	1,98	2,25	2,55	
				38	CC	397	510	618	783	957	1160	1399	
				38	PC	365	393	428	457	491	527	563	
				38	COP	1,09	1,30	1,44	1,71	1,95	2,20	2,48	
				43	CC	369	475	597	754	935	1150	1405	
				43	PC	371	401	433	464	497	530	561	
				43	COP	0,99	1,18	1,38	1,63	1,88	2,17	2,50	
	0,51	JEHCCU0051CM1	CAJ4461Y	27	CC	684	907	1106	1431	1774	2172	2632	
				27	PC	485	522	578	613	658	704	752	
				27	COP	1,41	1,74	1,91	2,33	2,70	3,09	3,50	
				32	CC	635	831	1034	1337	1666	2052	2499	
				32	PC	498	543	597	638	686	734	785	
				32	COP	1,28	1,53	1,73	2,10	2,43	2,80	3,18	
				35	CC	604	792	990	1281	1601	1976	2414	
				35	PC	505	552	608	652	702	753	806	
				35	COP	1,20	1,43	1,63	1,96	2,28	2,62	3,00	
				38	CC	572	753	945	1225	1535	1900	2328	
				38	PC	511	561	619	666	718	772	826	
				38	COP	1,12	1,34	1,53	1,84	2,14	2,46	2,82	
				43	CC	521	688	870	1131	1422	1765	2179	
				43	PC	518	574	635	688	745	804	861	
				43	COP	1,01	1,20	1,37	1,64	1,91	2,20	2,53	
	0,63	JEHCCU0063CM1	CAJ4476Y	27	CC	828	1073	1307	1676	2056	2494	2995	
				27	PC	575	622	682	725	780	839	904	
				27	COP	1,44	1,73	1,92	2,31	2,64	2,97	3,31	
				32	CC	756	988	1219	1572	1941	2364	2859	
				32	PC	584	637	699	749	807	871	937	
				32	COP	1,29	1,55	1,74	2,10	2,41	2,71	3,05	
				35	CC	715	936	1163	1505	1867	2284	2769	
				35	PC	587	644	709	763	824	890	959	
				35	COP	1,22	1,45	1,64	1,97	2,27	2,57	2,89	
				38	CC	673	884	1106	1438	1792	2203	2678	
				38	PC	589	651	718	777	841	909	981	
				38	COP	1,14	1,36	1,54	1,85	2,13	2,42	2,73	
				43	CC	587	797	1010	1324	1659	2051	2507	
				43	PC	588	658	732	798	870	944	1022	
				43	COP	1,00	1,21	1,38	1,66	1,91	2,17	2,45	
	0,77	JEHCCU0077M1	CAJ4492Y	27	CC	1003	1295	1560	2010	2455	2965	3547	
				27	PC	641	705	789	847	925	1007	1097	
				27	COP	1,56	1,84	1,98	2,37	2,65	2,94	3,23	
				32	CC	920	1198	1460	1886	2318	2815	3382	
				32	PC	684	735	840	906	987	1073	1165	
				32	COP	1,35	1,63	1,74	2,08	2,35	2,62	2,90	
				35	CC	867	1137	1396	1808	2232	2719	3278	
				35	PC	674	739	837	908	992	1081	1175	
				35	COP	1,29	1,54	1,67	1,99	2,25	2,52	2,79	
				38	CC	814	1076	1332	1730	2145	2623	3174	
				38	PC	663	743	833	910	997	1088	1184	
				38	COP	1,23	1,45	1,60	1,90	2,15	2,41	2,68	
				43	CC	728	977	1223	1601	1994	2451	2981	
				43	PC	664	753	849	936	1030	1128	1230	
				43	COP	1,10	1,30	1,44	1,71	1,94	2,17	2,42	

Medium Back Pressure													
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-15	-10	-5	0	5	10	15
Series 1	0,95	JEHCCU0095CM1	CAJ4511Y	27	CC	1400	1683	1990	2439	3020	3520	4166	
				27	PC	800	880	971	1067	1173	1293	1428	
				27	COP	1,58	1,91	2,05	2,29	2,57	2,72	2,92	
				32	CC	1161	1490	1961	2294	2855	3345	3979	
				32	PC	813	901	995	1095	1205	1327	1463	
				32	COP	1,43	1,65	1,97	2,09	2,37	2,52	2,72	
				35	CC	1097	1417	1830	2202	2750	3233	3859	
				35	PC	818	911	1010	1113	1226	1349	1487	
				35	COP	1,34	1,56	1,81	1,98	2,24	2,40	2,60	
				38	CC	1033	1344	1698	2109	2645	3121	3738	
				38	PC	822	921	1024	1131	1246	1371	1510	
				38	COP	1,26	1,46	1,66	1,86	2,12	2,28	2,48	
				43	CC	933	1227	1559	1946	2450	2899	3484	
				43	PC	823	933	1045	1161	1284	1417	1561	
				43	COP	1.13	1.32	1.49	1.68	1.91	2.05	2.23	

TE: Evaporating Temperature (°C)

TA: Ambient Temperature (°C)

CC: Cooling Capacity (W), ± 10%

PC: Power consumption (W), ± 10%

If capacity data are required at other ambient operating conditions, please refer to your local affiliate or to the quick selection tool in our selection software RefrigXpress.

R134a Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Medium Back Pressure														
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-15	-10	-5	0	5	10	15	20
Series 2	2	JEHSCU0200CM1	ZB15KQE-PFJ	27		CC	1700	2160	2680	3280	3950	4720	5590	
				27		PC	1010	1040	1070	1110	1140	1170	1210	
				27		COP	1,68	2,08	2,50	2,95	3,46	4,03	4,62	
				32		CC	1610	2050	2550	3120	3770	4530	5360	
				32		PC	1080	1110	1150	1180	1220	1260	1300	
				32		COP	1,49	1,85	2,22	2,64	3,09	3,60	4,12	
				35		CC	1555	1980	2465	3020	3660	4395	5215	
				35		PC	1125	1160	1200	1235	1275	1320	1360	
				35		COP	1,38	1,71	2,05	2,45	2,87	3,33	3,83	
				38		CC	1500	1910	2380	2920	3550	4260	5070	
				38		PC	1170	1210	1250	1290	1330	1380	1420	
				38		COP	1,28	1,58	1,90	2,26	2,67	3,09	3,57	
				43		CC	1420	1780	2240	2750	3350	4050	4830	
				43		PC	1260	1320	1350	1390	1440	1470	1520	
				43		COP	1,13	1,35	1,66	1,98	2,33	2,76	3,18	
	2	JEHSCU0200CM3	ZB15KQE-TFD	27		CC	1820	2290	2830	3480	4220	5080	6070	
				27		PC	915	945	965	995	1015	1035	1065	
				27		COP	1,99	2,42	2,93	3,50	4,16	4,91	5,70	
				32		CC	1730	2170	2700	3310	4020	4850	5770	
				32		PC	995	1025	1055	1075	1105	1125	1155	
				32		COP	1,74	2,12	2,56	3,08	3,64	4,31	5,00	
				35		CC	1675	2105	2615	3205	3895	4690	5590	
				35		PC	1045	1075	1105	1135	1165	1190	1220	
				35		COP	1,60	1,96	2,37	2,82	3,34	3,94	4,58	
				38		CC	1620	2040	2530	3100	3770	4530	5410	
				38		PC	1095	1125	1155	1195	1225	1255	1285	
				38		COP	1,48	1,81	2,19	2,59	3,08	3,61	4,21	
				43		CC	1530	1920	2380	2930	3560	4310	5130	
				43		PC	1175	1225	1255	1295	1335	1365	1405	
				43		COP	1,30	1,57	1,90	2,26	2,67	3,16	3,65	
	2,5	JEHSCU0250CM1	ZB19KQE-PFJ	27		CC	2140	2720	3400	4180	5100	6190	7470	
				27		PC	1090	1120	1150	1170	1200	1220	1230	
				27		COP	1,96	2,43	2,96	3,57	4,25	5,07	6,07	
				32		CC	2010	2590	3230	3980	4870	5930	7140	
				32		PC	1180	1210	1240	1270	1300	1320	1350	
				32		COP	1,70	2,14	2,60	3,13	3,75	4,49	5,29	
				35		CC	1935	2500	3130	3865	4730	5755	6945	
				35		PC	1235	1270	1300	1335	1370	1395	1425	
				35		COP	1,57	1,97	2,41	2,90	3,45	4,13	4,87	
				38		CC	1860	2410	3030	3750	4590	5580	6750	
				38		PC	1290	1330	1360	1400	1440	1470	1500	
				38		COP	1,44	1,81	2,23	2,68	3,19	3,80	4,50	
				43		CC	1730	2240	2860	3550	4360	5340	6450	
				43		PC	1400	1460	1480	1520	1560	1480	1620	
				43		COP	1,24	1,53	1,93	2,34	2,79	3,61	3,98	
	2,5	JEHSCU0250CM3	ZB19KQE-TFD	27		CC	2080	2610	3230	3960	4800	5780	6890	
				27		PC	1045	1075	1105	1135	1165	1195	1225	
				27		COP	1,99	2,43	2,92	3,49	4,12	4,84	5,62	
				32		CC	1980	2480	3070	3770	4570	5510	6550	
				32		PC	1125	1165	1205	1235	1275	1305	1345	
				32		COP	1,76	2,13	2,55	3,05	3,58	4,22	4,87	
				35		CC	1920	2405	2975	3650	4425	5330	6340	
				35		PC	1180	1225	1265	1305	1345	1380	1420	
				35		COP	1,63	1,96	2,35	2,80	3,29	3,86	4,46	
				38		CC	1860	2330	2880	3530	4280	5150	6130	
				38		PC	1235	1285	1325	1375	1415	1455	1495	
				38		COP	1,51	1,81	2,17	2,57	3,02	3,54	4,10	
				43		CC	1750	2190	2720	3330	4050	4890	5810	
				43		PC	1345	1395	1445	1495	1545	1575	1625	
				43		COP	1,30	1,57	1,88	2,23	2,62	3,10	3,58	

Medium Back Pressure														
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-15	-10	-5	0	5	10	15	20
Series 2	2	JEHSCU0300CM1	ZB21KQE-PFJ	27	CC	2550	3240	4030	4920	5970	7200	8650		
				27	PC	1300	1350	1390	1410	1440	1460	1490		
				27	COP	1,96	2,40	2,90	3,49	4,15	4,93	5,81		
				32	CC	2410	3090	3830	4690	5690	6890	8240		
				32	PC	1400	1450	1500	1540	1570	1590	1640		
				32	COP	1,72	2,13	2,55	3,05	3,62	4,33	5,02		
				35	CC	2320	2985	3715	4550	5525	6680	8005		
				35	PC	1465	1525	1580	1620	1660	1690	1740		
				35	COP	1,58	1,96	2,35	2,81	3,33	3,95	4,60		
				38	CC	2230	2880	3600	4410	5360	6470	7770		
				38	PC	1530	1600	1660	1700	1750	1790	1840		
				38	COP	1,46	1,80	2,17	2,59	3,06	3,61	4,22		
				43	CC	2080	2690	3400	4180	5080	6190	7420		
				43	PC	1660	1760	1800	1860	1900	1930	2000		
				43	COP	1,25	1,53	1,89	2,25	2,67	3,21	3,71		
	3	JEHSCU0300CM3	ZB21KQE-TFD	27	CC	2580	3220	3980	4860	5890	7080	8440		
				27	PC	1295	1345	1385	1435	1485	1525	1565		
				27	COP	1,99	2,39	2,87	3,39	3,97	4,64	5,39		
				32	CC	2460	3060	3790	4620	5600	6740	7990		
				32	PC	1395	1455	1505	1565	1615	1655	1715		
				32	COP	1,76	2,10	2,52	2,95	3,47	4,07	4,66		
				35	CC	2385	2970	3670	4475	5420	6510	7730		
				35	PC	1460	1525	1585	1650	1705	1755	1815		
				35	COP	1,63	1,95	2,32	2,71	3,18	3,71	4,26		
				38	CC	2310	2880	3550	4330	5240	6280	7470		
				38	PC	1525	1595	1665	1735	1795	1855	1915		
				38	COP	1,51	1,81	2,13	2,50	2,92	3,39	3,90		
				43	CC	2180	2720	3350	4090	4950	5980	7070		
				43	PC	1655	1735	1805	1885	1955	2005	2085		
				43	COP	1,32	1,57	1,86	2,17	2,53	2,98	3,39		
	3,5	JEHSCU0350CM3	ZB26KQE-TFD	27	CC	2940	3660	4510	5510	6670	8000	9530		
				27	PC	1485	1555	1615	1675	1735	1785	1835		
				27	COP	1,98	2,35	2,79	3,29	3,84	4,48	5,19		
				32	CC	2800	3480	4300	5240	6320	7610	9010		
				32	PC	1605	1675	1755	1825	1895	1945	2025		
				32	COP	1,74	2,08	2,45	2,87	3,34	3,91	4,45		
				35	CC	2720	3380	4165	5075	6115	7340	8705		
				35	PC	1680	1755	1840	1920	2000	2065	2145		
				35	COP	1,62	1,93	2,26	2,64	3,06	3,55	4,06		
				38	CC	2640	3280	4030	4910	5910	7070	8400		
				38	PC	1755	1835	1925	2015	2105	2185	2265		
				38	COP	1,50	1,79	2,09	2,44	2,81	3,24	3,71		
				43	CC	2500	3060	3810	4630	5580	6740	7950		
				43	PC	1885	2015	2085	2195	2285	2345	2455		
				43	COP	1,33	1,52	1,83	2,11	2,44	2,87	3,24		

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

If capacity data are required at other ambient operating conditions, please refer to your local affiliate or to the quick selection tool in our selection software RefrigXpress.

R134a Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Medium Back Pressure													
	HP	MODEL	COMPRESSOR	Ta / Te	(Watts)	-15	-10	-5	0	5	10	15	20
Series 3	4	JEHS/SCU0400CM3	ZB29KQE	27	CC	3650	4510	5520	6690	8040	9600	11350	
				27	PC	1600	1660	1730	1800	1880	1950	2030	
				27	COP	2,28	2,72	3,19	3,72	4,28	4,92	5,59	
				32	CC	3400	4240	5220	6360	7690	9230	11000	
				32	PC	1790	1850	1910	1970	2030	2100	2160	
				32	COP	1,90	2,29	2,73	3,23	3,79	4,40	5,09	
				35	CC	3250	4070	5035	6160	7480	9000	10750	
				35	PC	1920	1975	2030	2080	2135	2195	2250	
				35	COP	1,69	2,06	2,48	2,96	3,50	4,10	4,78	
				38	CC	3100	3900	4850	5960	7270	8770	10500	
				38	PC	2050	2100	2150	2190	2240	2290	2340	
				38	COP	1,51	1,86	2,26	2,72	3,25	3,83	4,49	
				43	CC	2840	3620	4530	5620	6900	8380	10100	
				43	PC	2300	2330	2370	2390	2420	2450	2490	
				43	COP	1,23	1,55	1,91	2,35	2,85	3,42	4,06	
	5	JEHS/SCU0500CM3	ZB38KQE	27	CC	4450	5560	6820	8260	9900	11750	13900	
				27	PC	1980	2080	2190	2300	2420	2560	2710	
				27	COP	2,25	2,67	3,11	3,59	4,09	4,59	5,13	
				32	CC	4160	5240	6460	7870	9490	11350	13450	
				32	PC	2200	2300	2400	2500	2600	2720	2860	
				32	COP	1,89	2,28	2,69	3,15	3,65	4,17	4,70	
				35	CC	3985	5040	6245	7635	9245	11100	13200	
				35	PC	2360	2450	2540	2630	2720	2825	2950	
				35	COP	1,69	2,06	2,46	2,90	3,40	3,93	4,47	
				38	CC	3810	4840	6030	7400	9000	10850	12950	
				38	PC	2520	2600	2680	2760	2840	2930	3040	
				38	COP	1,51	1,86	2,25	2,68	3,17	3,70	4,26	
				43	CC	4510	5660	7000	8580	10400	12500		
				43	PC	2890	2950	3000	3050	3130	3210		
				43	COP	1,56	1,92	2,33	2,81	3,32	3,89		
	6	JEHS/SCU0600CM3	ZB45KQE	27	CC	5250	6520	8040	9780	11750	13950	16350	
				27	PC	2350	2460	2580	2700	2830	2950	3080	
				27	COP	2,23	2,65	3,12	3,62	4,15	4,73	5,31	
				32	CC	4930	6160	7610	9300	11250	13350	15700	
				32	PC	2590	2700	2820	2940	3060	3180	3310	
				32	COP	1,90	2,28	2,70	3,16	3,68	4,20	4,74	
				35	CC	4735	5930	7345	9005	10900	12975	15300	
				35	PC	2750	2860	2980	3100	3215	3335	3460	
				35	COP	1,72	2,07	2,46	2,90	3,39	3,89	4,42	
				38	CC	4540	5700	7080	8710	10550	12600	14900	
				38	PC	2910	3020	3140	3260	3370	3490	3610	
				38	COP	1,56	1,89	2,25	2,67	3,13	3,61	4,13	
				43	CC	4210	5310	6630	8190	9980	11950	14150	
				43	PC	3210	3330	3440	3550	3660	3780	3900	
				43	COP	1,31	1,59	1,93	2,31	2,73	3,16	3,63	
	6,8	JEHS/SCU0680CM3	ZB48KQE	27	CC	5910	7280	8860	10650	12700	15000	17550	
				27	PC	2720	2860	3010	3170	3350	3540	3780	
				27	COP	2,17	2,55	2,94	3,36	3,79	4,24	4,64	
				32	CC	5570	6890	8400	10150	12100	14400	16850	
				32	PC	3010	3150	3300	3460	3630	3810	4040	
				32	COP	1,85	2,19	2,55	2,93	3,33	3,78	4,17	
				35	CC	5355	6645	8120	9820	11750	14000	16425	
				35	PC	3210	3345	3495	3655	3820	3990	4215	
				35	COP	1,67	1,99	2,32	2,69	3,08	3,51	3,90	
				38	CC	5140	6400	7840	9490	11400	13600	16000	
				38	PC	3410	3540	3690	3850	4010	4170	4390	
				38	COP	1,51	1,81	2,12	2,46	2,84	3,26	3,64	
				43	CC	5990	7350	8940	10800	12900	15250		
				43	PC	3910	4060	4210	4360	4500	4720		
				43	COP	1,53	1,81	2,12	2,48	2,87	3,23		

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

If capacity data are required at other ambient operating conditions, please refer to your local affiliate or to the quick selection tool in our selection software RefrigXpress.

R134a Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Medium Back Pressure														
	HP	MODEL	COMPRESSOR	Ta / Te	(Watts)	-15	-10	-5	0	5	10	15	20	
Series 4	8	JEHS/SCU0800CM3	ZB58KCE	27	CC	6700	8380	10350	12650	15350	18350	21800		
				27	PC	3330	3430	3540	3660	3770	3900	4030		
				27	COP	2,01	2,44	2,92	3,46	4,07	4,71	5,41		
				32	CC	6340	7950	9850	12050	14650	17550	20800		
				32	PC	3630	3740	3860	3980	4100	4230	4360		
				32	COP	1,75	2,13	2,55	3,03	3,57	4,15	4,77		
				35	CC	6130	7700	9555	11725	14250	17100	20300		
				35	PC	3820	3930	4050	4175	4295	4425	4550		
				35	COP	1,60	1,96	2,36	2,81	3,32	3,86	4,46		
				38	CC	5920	7450	9260	11400	13850	16650	19800		
				38	PC	4010	4120	4240	4370	4490	4620	4740		
				38	COP	1,48	1,81	2,18	2,61	3,08	3,60	4,18		
				43	CC	5500	6930	8630	10600	12950	15550	18550		
				43	PC	4430	4560	4700	4840	4970	5110	5240		
				43	COP	1,24	1,52	1,84	2,19	2,61	3,04	3,54		
	10	JEHS/SCU1000CM3	ZB76KCE	27	CC	8850	10950	13450	16300	19600	23200	27300		
				27	PC	4290	4470	4690	4910	5100	5270	5350		
				27	COP	2,06	2,45	2,87	3,32	3,84	4,40	5,10		
				32	CC	8360	10400	12750	15500	18700	22200	26100		
				32	PC	4700	4860	5100	5320	5510	5670	5750		
				32	COP	1,78	2,14	2,50	2,91	3,39	3,92	4,54		
				35	CC	8090	10060	12375	15075	18175	21650	25500		
				35	PC	4940	5110	5335	5560	5745	5905	5975		
				35	COP	1,64	1,97	2,32	2,71	3,16	3,67	4,27		
				38	CC	7820	9720	12000	14650	17650	21100	24900		
				38	PC	5180	5360	5570	5800	5980	6140	6200		
				38	COP	1,51	1,81	2,15	2,53	2,95	3,44	4,02		
				43	CC		9010	11100	13550	16450	19650	23200		
				43	PC		5920	6160	6400	6600	6770	6840		
				43	COP		1,52	1,80	2,12	2,49	2,90	3,39		

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

If capacity data are required at other ambient operating conditions, please refer to your local affiliate or to the quick selection tool in our selection software RefrigXpress.

R404A Low Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Low Back Pressure											
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-40	-35	-30	-25	-20
Series 1	1,15	JEHCCU0115CL1	CAJ2446Z	27	CC			782	1008	1260	1543
				27	PC			717	814	918	1028
				27	COP			1,09	1,24	1,37	1,50
				32	CC	512	692	897	1125	1380	
				32	PC	622	720	824	936	1056	
				32	COP	0,82	0,96	1,09	1,20	1,31	
				35	CC	466	637	830	1046	1284	
				35	PC	615	718	826	943	1069	
				35	COP	0,76	0,89	1,00	1,11	1,20	
				38	CC	419	582	763	967	1188	
				38	PC	609	715	828	950	1083	
				38	COP	0,69	0,81	0,92	1,02	1,10	
				43	CC			490	655	834	1030
				43	PC			706	827	959	1100
				43	COP			0,69	0,79	0,87	0,94
Series 2	2	JEHSCU0200CL3	ZF06K4E-TFD	27	CC	1190	1490	1840	2240	2700	
				27	PC	1330	1380	1440	1510	1580	
				27	COP	0,89	1,08	1,28	1,48	1,71	
				32	CC	1130	1420	1750	2120	2550	
				32	PC	1450	1460	1570	1640	1710	
				32	COP	0,78	0,97	1,11	1,29	1,49	
				35	CC	1075	1355	1670	2015	2415	
				35	PC	1570	1605	1695	1765	1840	
				35	COP	0,68	0,84	0,99	1,14	1,31	
				38	CC	1020	1290	1590	1910	2280	
				38	PC	1690	1750	1820	1890	1970	
				38	COP	0,60	0,74	0,87	1,01	1,16	
				43	CC	920	1170	1430	1720	2030	
				43	PC	1940	1940	2070	2150	2230	
				43	COP	0,47	0,60	0,69	0,80	0,91	
	3	JEHSCU0300CL3	ZF09K4E-TFD	27	CC	1700	2140	2630	3190	3820	
				27	PC	1610	1660	1730	1820	1930	
				27	COP	1,06	1,29	1,52	1,75	1,98	
				32	CC	1580	1980	2440	2950	3530	
				32	PC	1790	1810	1920	2000	2100	
				32	COP	0,88	1,09	1,27	1,48	1,68	
				35	CC	1500	1875	2305	2785	3335	
				35	PC	1950	1980	2060	2135	2225	
				35	COP	0,77	0,95	1,12	1,30	1,50	
				38	CC	1420	1770	2170	2620	3140	
				38	PC	2110	2150	2200	2270	2350	
				38	COP	0,67	0,82	0,99	1,15	1,34	
				43	CC	1270	1590	1950	2360	2820	
				43	PC	2200	2280	2440	2500	2570	
				43	COP	0,58	0,70	0,80	0,94	1,10	

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

If capacity data are required at other ambient operating conditions, please refer to your local affiliate or to the quick selection tool in our selection software RefrigXpress.

R404A Low Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Low Back Pressure										
	HP	MODEL	COMPRESSOR	Ta / Te	(Watts)	-40	-35	-30	-25	-20
Series 3	4	JEHSCU0400CL3	ZF13K4E-TFD	27	CC	2430	3100	3860	4740	5750
				27	PC	2100	2180	2290	2400	2530
				27	COP	1,16	1,42	1,69	1,98	2,27
				32	CC	2290	2910	3620	4430	5370
				32	PC	2290	2380	2490	2600	2730
				32	COP	1,00	1,22	1,45	1,70	1,97
				35	CC	2215	2800	3470	4240	5135
				35	PC	2425	2515	2625	2740	2870
				35	COP	0,91	1,11	1,32	1,55	1,79
				38	CC	2140	2690	3320	4050	4900
				38	PC	2560	2650	2760	2880	3010
				38	COP	0,84	1,02	1,20	1,41	1,63
	5	JEHSCU0500CL3	ZF15K4E-TFD	43	CC	2010	2490	3050	3710	4470
				43	PC	2810	2910	3030	3150	3280
				43	COP	0,72	0,86	1,01	1,18	1,36
				27	CC	3010	3770	4650	5670	6860
				27	PC	2670	2840	3020	3220	3410
				27	COP	1,13	1,33	1,54	1,76	2,01
				32	CC	2820	3530	4350	5300	6390
				32	PC	2910	3100	3300	3500	3700
				32	COP	0,97	1,14	1,32	1,51	1,73
				35	CC	2705	3385	4170	5070	6100
				35	PC	3070	3275	3480	3690	3900
				35	COP	0,88	1,03	1,20	1,37	1,56
	6	JEHSCU0600CL3	ZF18K4E-TFD	38	CC	2590	3240	3990	4840	5810
				38	PC	3230	3450	3660	3880	4100
				38	COP	0,80	0,94	1,09	1,25	1,42
				43	CC	2390	2990	3660	4430	5310
				43	PC	3530	3780	4020	4250	4490
				43	COP	0,68	0,79	0,91	1,04	1,18
				27	CC	3520	4440	5460	6620	7960
				27	PC	3160	3300	3470	3660	3860
				27	COP	1,11	1,35	1,57	1,81	2,06
				32	CC	3240	4130	5090	6180	7420
				32	PC	3762	3899	4080	4270	4472
				32	COP	0,86	1,06	1,25	1,45	1,66
Series 4	7,5	JEHSCU0750CL3	ZF25K4E-TFD	35	CC	3055	3920	4855	5900	7085
				35	PC	4085	4217	4387	4567	4763
				35	COP	0,75	0,93	1,11	1,29	1,49
				38	CC	2870	3710	4620	5620	6750
				38	PC	4408	4535	4694	4864	5055
				38	COP	0,65	0,82	0,98	1,16	1,34
				43	CC	2510	3330	4180	5100	6150
				43	PC	5118	5203	5352	5511	5680
				43	COP	0,49	0,64	0,78	0,93	1,08
				27	CC	4560	5650	6890	8320	9960
				27	PC	3290	3620	3970	4330	4690
				27	COP	1,39	1,56	1,74	1,92	2,12
				32	CC	4260	5290	6470	7810	9360
				32	PC	3540	3880	4230	4590	4960
				32	COP	1,20	1,36	1,53	1,70	1,89
				35	CC	4070	5065	6200	7495	8990
				35	PC	3710	4055	4410	4775	5145
				35	COP	1,10	1,25	1,41	1,57	1,75
				38	CC	3880	4840	5930	7180	8620
				38	PC	3880	4230	4590	4960	5330
				38	COP	1,00	1,14	1,29	1,45	1,62
				43	CC	3550	4460	5470	6630	7980
				43	PC	4220	4570	4940	5310	5680
				43	COP	0,84	0,98	1,11	1,25	1,40

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

If capacity data are required at other ambient operating conditions, please refer to your local affiliate or to the quick selection tool in our selection software RefrigXpress.

R407A Low Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Low Back Pressure											
	HP	MODEL	COMPRESSOR	Ta \ Te	(Watts)	-40	-35	-30	-25	-20	
Series 2	2	JEHSCU0200CL3	ZF06K4E-TFD	27	CC	980	1240	1550	1910	2340	
				27	PC	1120	1170	1230	1290	1370	
				27	COP	0,88	1,06	1,26	1,48	1,71	
				32	CC	910	1160	1450	1790	2190	
				32	PC	1260	1310	1370	1440	1530	
				32	COP	0,72	0,89	1,06	1,24	1,43	
				35	CC	865	1105	1380	1710	2090	
				35	PC	1360	1415	1475	1550	1635	
				35	COP	0,64	0,78	0,94	1,10	1,28	
				38	CC	820	1050	1310	1630	1990	
				38	PC	1460	1520	1580	1660	1740	
				38	COP	0,56	0,69	0,83	0,98	1,14	
				43	CC	730	940				
				43	PC	1670	1720				
				43	COP	0,44	0,55				
	3	JEHSCU0300CL3	ZF09K4E-TFD	27	CC	1280	1630	2040	2520	3080	
				27	PC	1540	1590	1650	1720	1810	
				27	COP	0,83	1,03	1,24	1,47	1,70	
				32	CC	1180	1510	1890	2330	2840	
				32	PC	1720	1770	1830	1900	1990	
				32	COP	0,69	0,85	1,03	1,23	1,43	
				35	CC	1115	1430	1785	2205	2690	
				35	PC	1840	1890	1950	2025	2100	
				35	COP	0,61	0,76	0,92	1,09	1,28	

TE: Evaporating Temperature (°C)

TA: Ambient Temperature (°C)

CC: Cooling Capacity (W), ± 10%

PC: Power consumption (W), ± 10%

If capacity data are required at other ambient operating conditions, please refer to your local affiliate or to the quick selection tool in our selection software RefrigXpress.

R407A Low Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Low Back Pressure										
	HP	MODEL	COMPRESSOR	Ta / Te	(Watts)	-40	-35	-30	-25	-20
Series 3	4	JEHSCU0400CL3	ZF13K4E-TFD	27	CC	1860	2410	3060	3840	4780
				27	PC	2000	2080	2160	2230	2310
				27	COP	0,93	1,16	1,42	1,72	2,07
				32	CC	1770	2290	2900	3640	4520
				32	PC	2230	2330	2430	2520	2620
				32	COP	0,79	0,98	1,19	1,44	1,73
				35	CC	1710	2215	2800	3510	4360
				35	PC	2375	2500	2615	2720	2830
				35	COP	0,72	0,89	1,07	1,29	1,54
				38	CC	1650	2140	2700	3380	4200
				38	PC	2520	2670	2800	2920	3040
				38	COP	0,65	0,80	0,96	1,16	1,38
	5	JEHSCU0500CL3	ZF15K4E-TFD	43	CC	1560	2010	2530	3160	3920
				43	PC	2800	2980	3150	3310	3450
				43	COP	0,56	0,67	0,80	0,95	1,14
				27	CC	2270	2930	3720	4670	5810
				27	PC	2400	2550	2680	2810	2940
				27	COP	0,95	1,15	1,39	1,66	1,98
				32	CC	2140	2770	3510	4390	5450
				32	PC	2670	2850	3020	3180	3350
				32	COP	0,80	0,97	1,16	1,38	1,63
				35	CC	2065	2670	3375	4220	5225
				35	PC	2845	3055	3250	3440	3625
				35	COP	0,73	0,87	1,04	1,23	1,44
	6	JEHSCU0600CL3	ZF18K4E-TFD	38	CC	1990	2570	3240	4050	5000
				38	PC	3020	3260	3480	3700	3900
				38	COP	0,66	0,79	0,93	1,09	1,28
				43	CC	1860	2400	3020	3750	4610
				43	PC	3340	3640	3920	4180	4440
				43	COP	0,56	0,66	0,77	0,90	1,04
				27	CC	2700	3490	4430	5550	6890
				27	PC	3070	3210	3360	3490	3640
				27	COP	0,88	1,09	1,32	1,59	1,89
				32	CC	2560	3310	4180	5220	6460
				32	PC	3390	3570	3750	3930	4100
				32	COP	0,76	0,93	1,11	1,33	1,58
Series 4	7,5	JEHSCU0750CL3	ZF25K4E-TFD	35	CC	2475	3195	4025	5010	6185
				35	PC	3600	3805	4015	4220	4415
				35	COP	0,69	0,84	1,00	1,19	1,40
				38	CC	2390	3080	3870	4800	5910
				38	PC	3810	4040	4280	4510	4730
				38	COP	0,63	0,76	0,90	1,06	1,25
				43	CC	2240	2880			
				43	PC	4200	4480			
				43	COP	0,53	0,64			
				27	CC	3520	4540	5730	7160	8850
				27	PC	3500	3780	4080	4390	4700
				27	COP	1,01	1,20	1,40	1,63	1,88
				32	CC	3320	4290	5440	6790	8410
				32	PC	3870	4170	4500	4830	5150
				32	COP	0,86	1,03	1,21	1,41	1,63
				35	CC	3200	4150	5270	6585	8160
				35	PC	4130	4435	4780	5115	5445
				35	COP	0,77	0,94	1,10	1,29	1,50
				38	CC	3080	4010	5100	6380	7910
				38	PC	4390	4700	5060	5400	5740
				38	COP	0,70	0,85	1,01	1,18	1,38
				43	CC	2880	3790	4830	6050	7500
				43	PC	4880	5200	5570	5930	6270
				43	COP	0,59	0,73	0,87	1,02	1,20

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

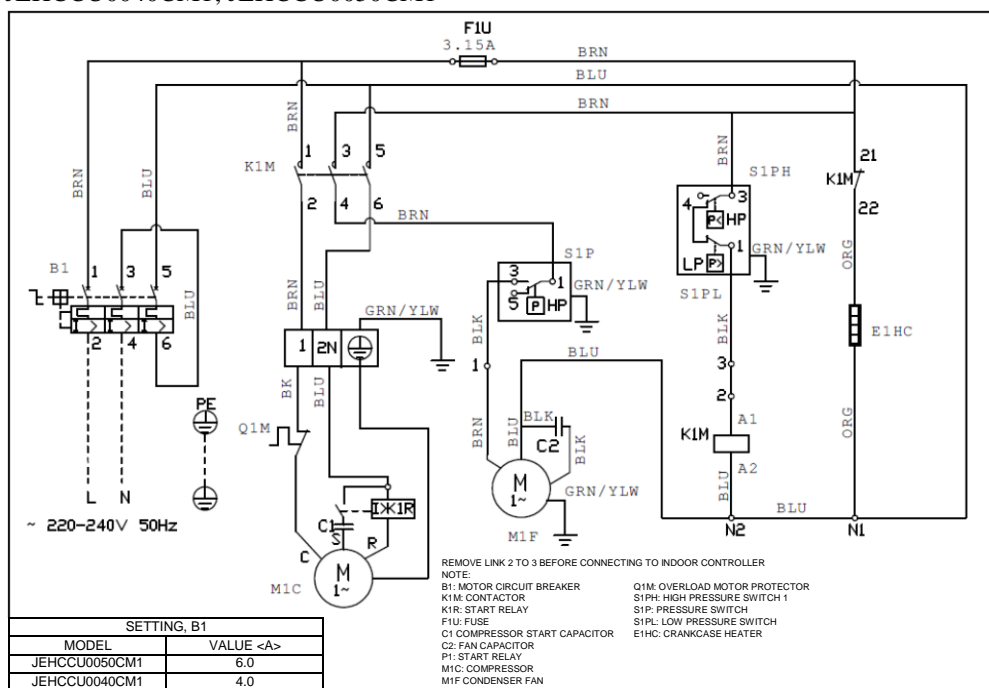
If capacity data are required at other ambient operating conditions, please refer to your local affiliate or to the quick selection tool in our selection software RefrigXpress.

8. Electrical Data

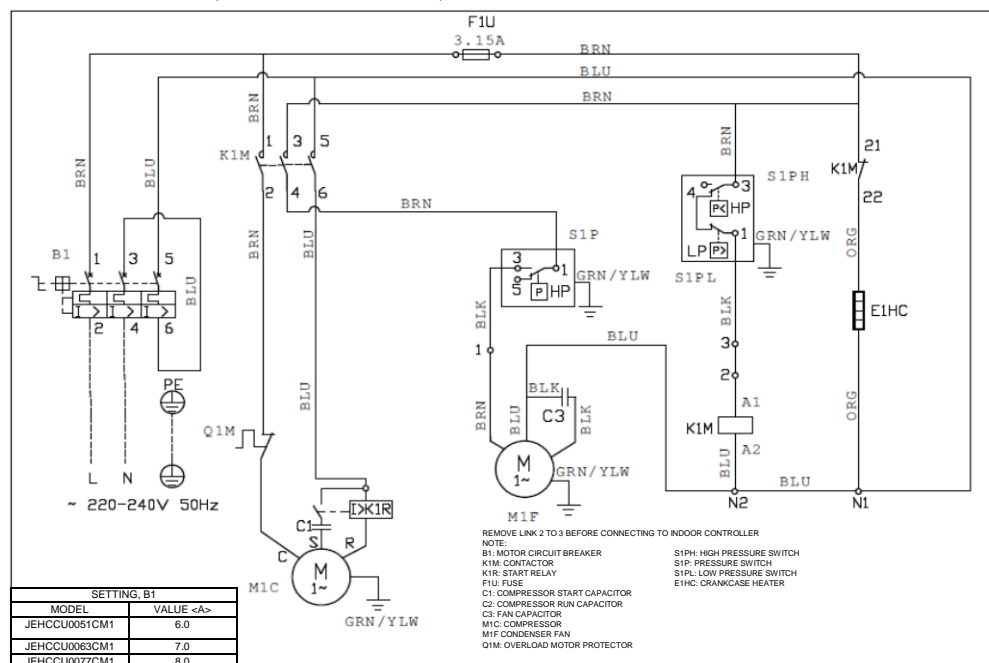
Important Note: A main switch or other means for disconnection, having a contact separation in all poles, must be incorporated in fixed wiring in accordance with local and national legislation.

Single Phase

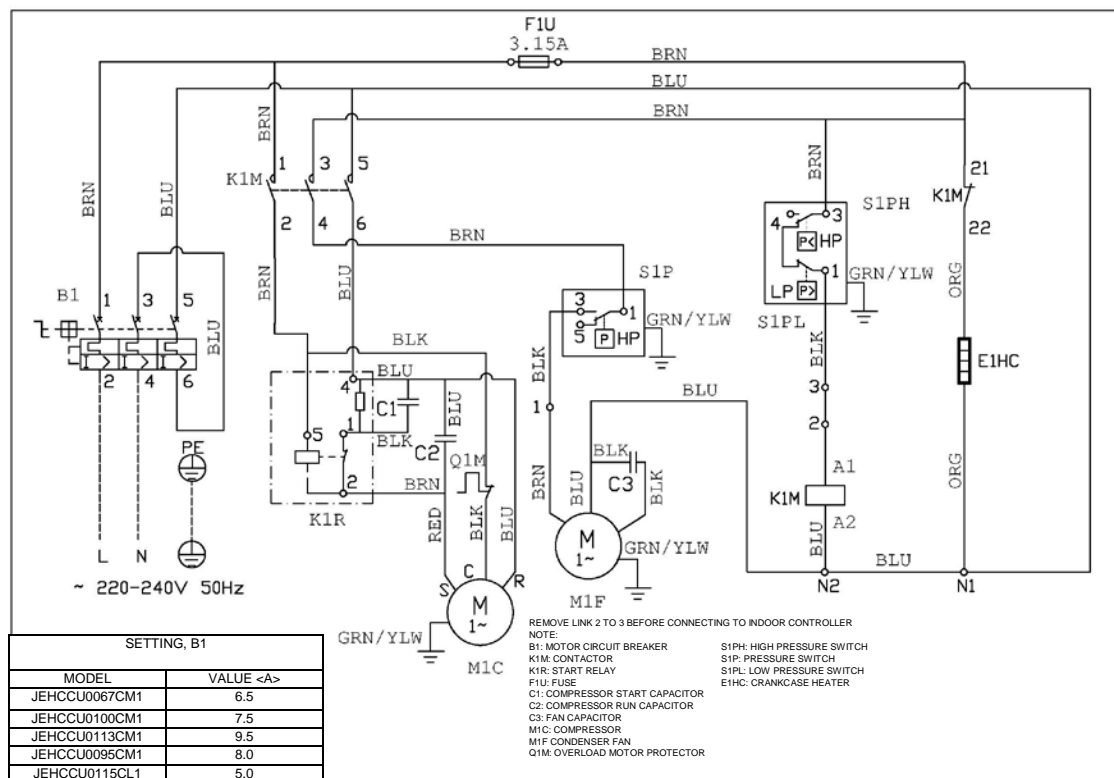
JEHCCU0040CM1; JEHCCU0050CM1



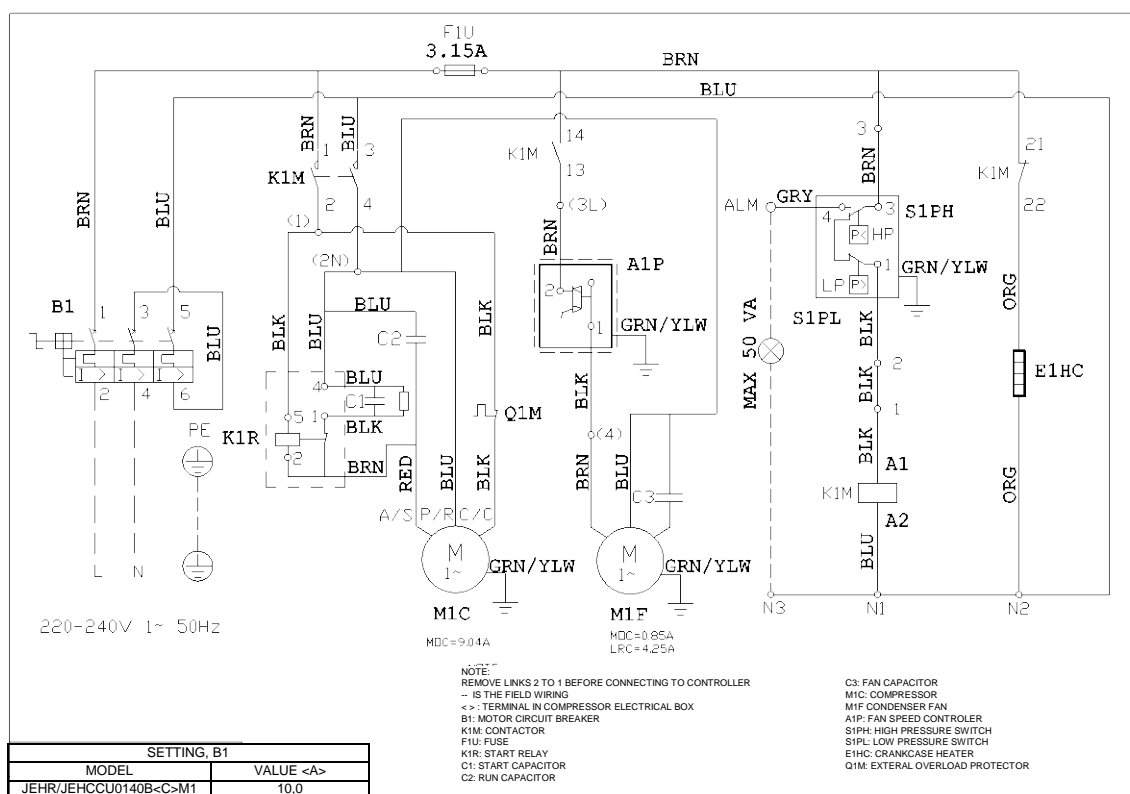
JEHCCU0051CM1; JEHCCU0063CM1; JEHCCU0077CM1



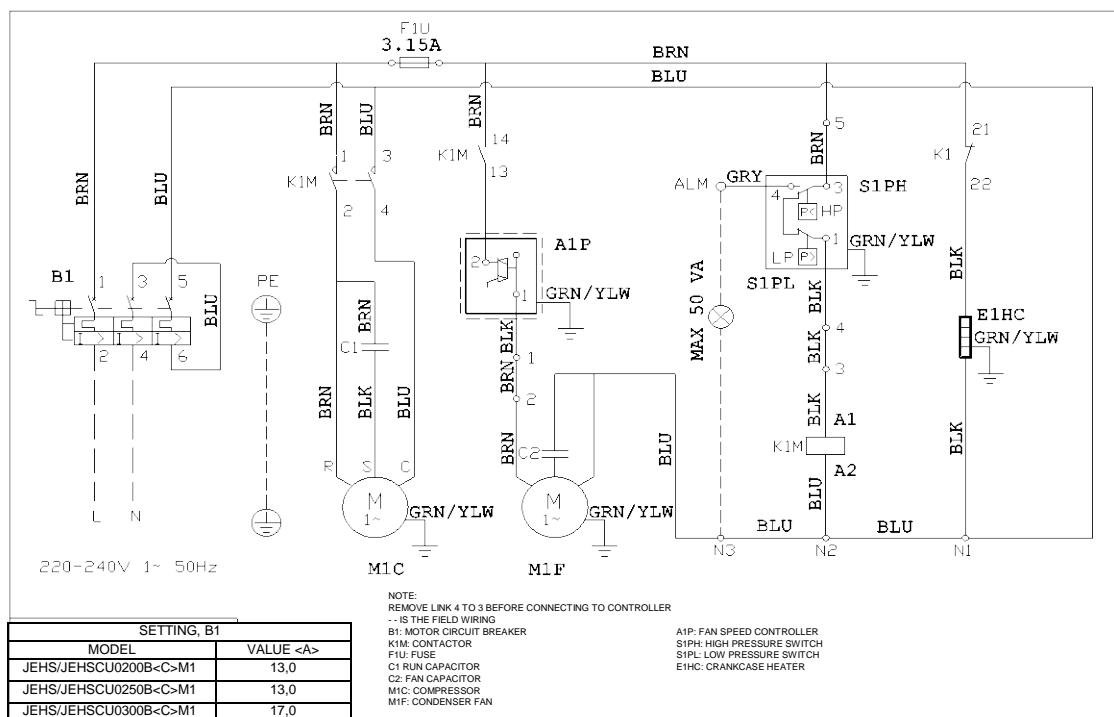
JEHCCU0067CM1; JEHCCU0095CM1; JEHCCU0100CM1; JEHCCU0113CM1; JEHCCU0115CL1



JEHCCU0140CM1

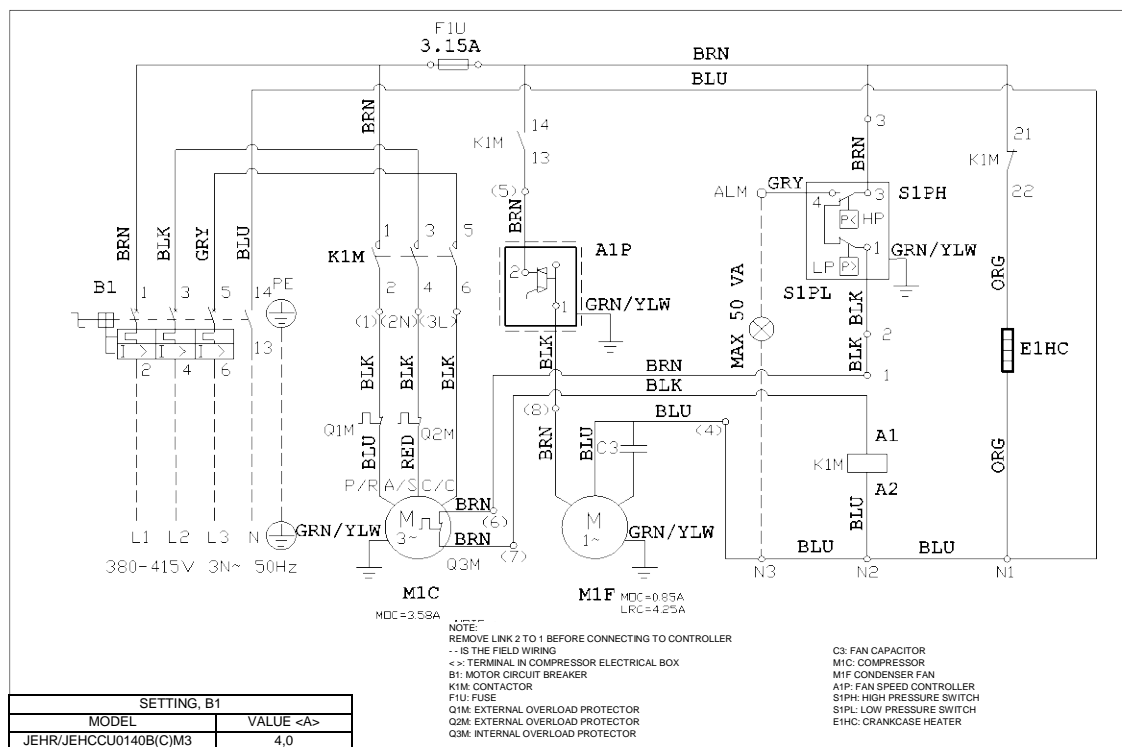


JEHSCU0200CM1, JEHSCU0250CM1, JEHSCU0300CM1

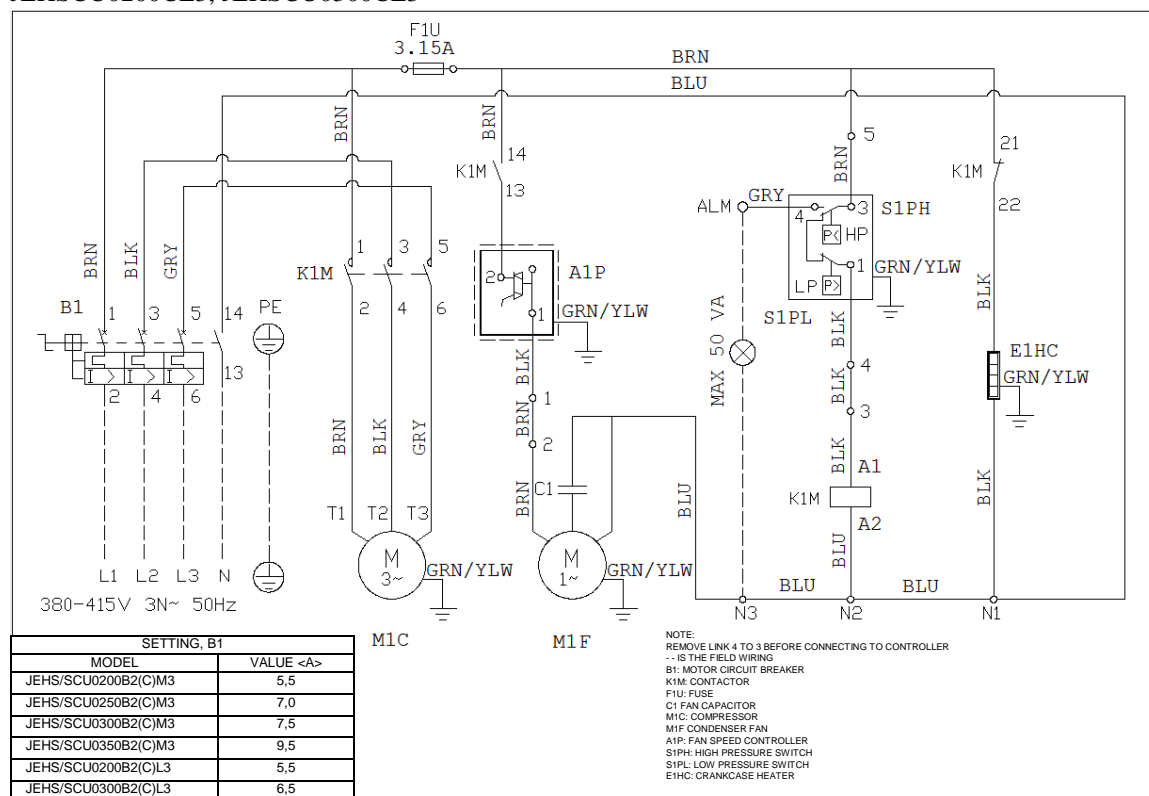


Three Phase

JEHCCU0140CM3



JEHSCU0200CM3, JEHSCU0250CM3, JEHSCU0300CM3, JEHSCU0350CM3,
JEHSCU0200CL3, JEHSCU0300CL3



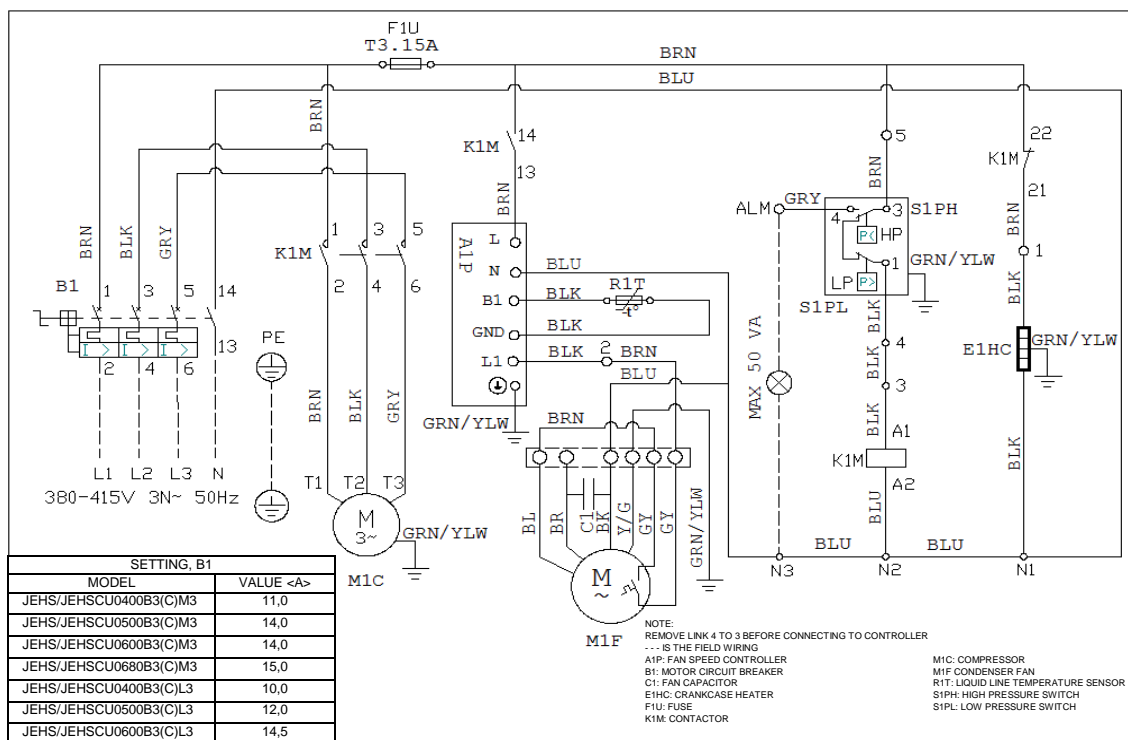
T-CU03-OCT14-1

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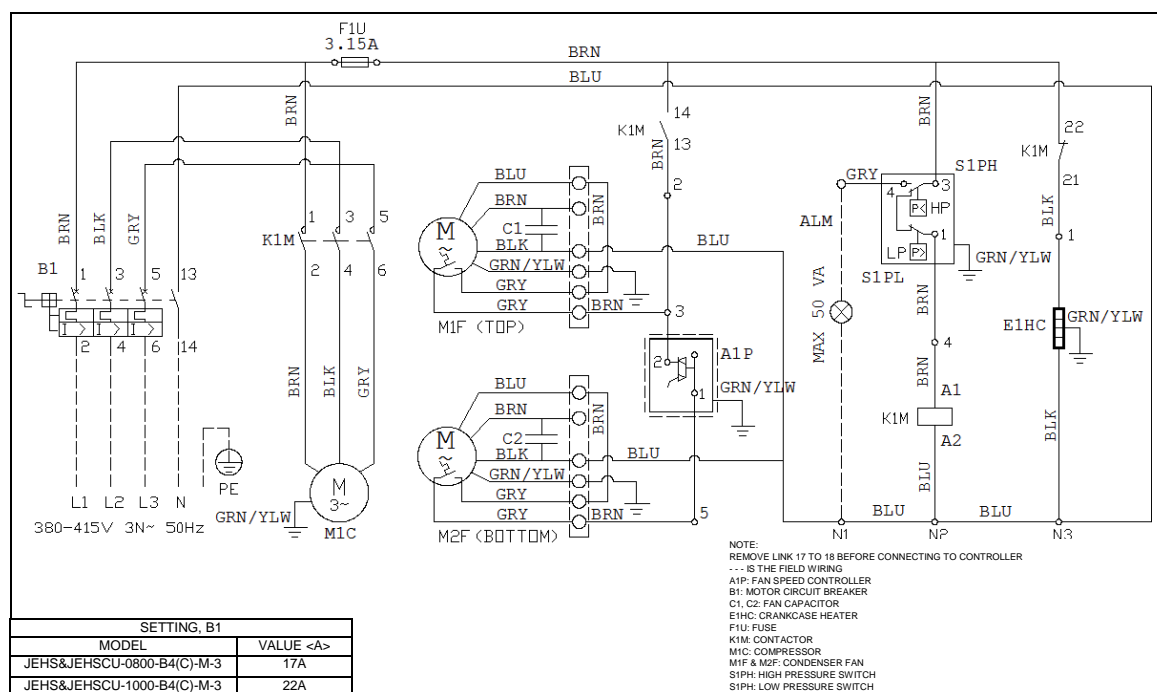
All specifications are subjected to change by the manufacturer without prior notice.

The English text is the original instruction. Other languages are the translations of the original instructions.

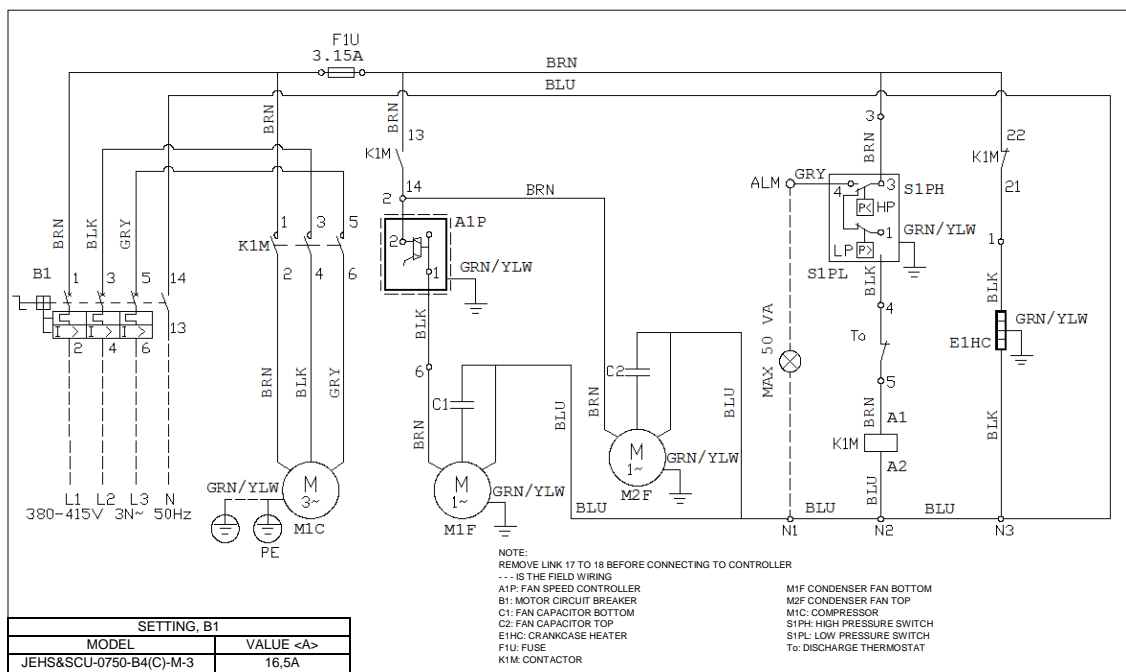
JEHSCU0400CM3, JEHSCU0500CM3, JEHSCU0600CM3, JEHSCU0680CM3,
JEHSCU0400CL3, JEHSCU0500CL3, JEHSCU0600CL3



JEHSCU0800CM3, JEHSCU1000CM3



JEHSCU0750CL3



9. Safety and Health

General Information

Important Note

Only a qualified refrigeration engineer who is familiar with refrigeration systems and components, including all controls should perform the installation and start-up of the system. To avoid potential injury, use care when working around coil surfaces or sharp edges of metal cabinets. All piping and electrical wiring should be installed in accordance with all applicable codes, ordinances and local by-laws.

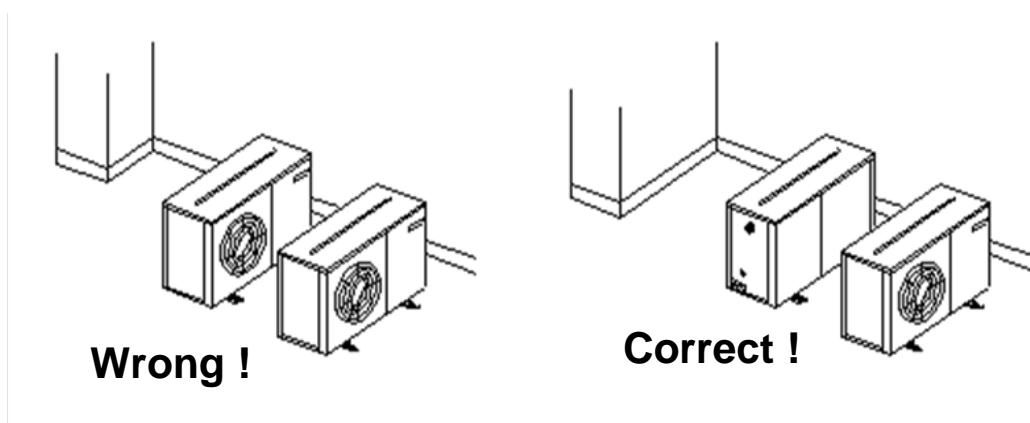
This appliances is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

- Ensure the unit received is the correct model for the intended application.
- Ensure refrigerant, voltage, are suitable for the proposed application and environment.
- Installation and maintenance are to be performed only by qualified personnel who are familiar with local codes and regulations, and experienced with this type of equipment.
- The condensing unit is delivered with a nitrogen holding charge.
- The condensing unit contains moving machinery and electrical power hazards. May cause severe injury or death. Disconnect and shut off power before installation or service of the equipment.
- Refrigerant release into the atmosphere is illegal. Proper evacuation, handling and leak testing procedures must be observed at all times.
- Units must be earthed and no maintenance work should be attempted prior to disconnecting the electrical supply.
- The electrical covers and condenser fan guard must remain fitted at all times.
- Use of the condensing unit outside of design conditions and application for which units were intended may be unsafe and be detrimental to the unit, regardless short or long term operation.
- The condensing units are not designed to withstand loads or stresses from other equipment or personnel. Such extraneous loads or stress may cause failure/leak/injury.
- Wherever possible the system should be installed to utilize a pump down configuration. For unit Series 1 JEHCCU040CM1 and JEHCCU0050CM1, it is recommended to connect thermostat cut off configuration using the reserved terminal in control box.
- After installation, the system should be allowed to run for 3 ~ 4 hours. The oil level should be checked after 3 ~ 4 hours run time and topped up as necessary. The oil level should not be lower than quarter of the compressor oil sight glass.

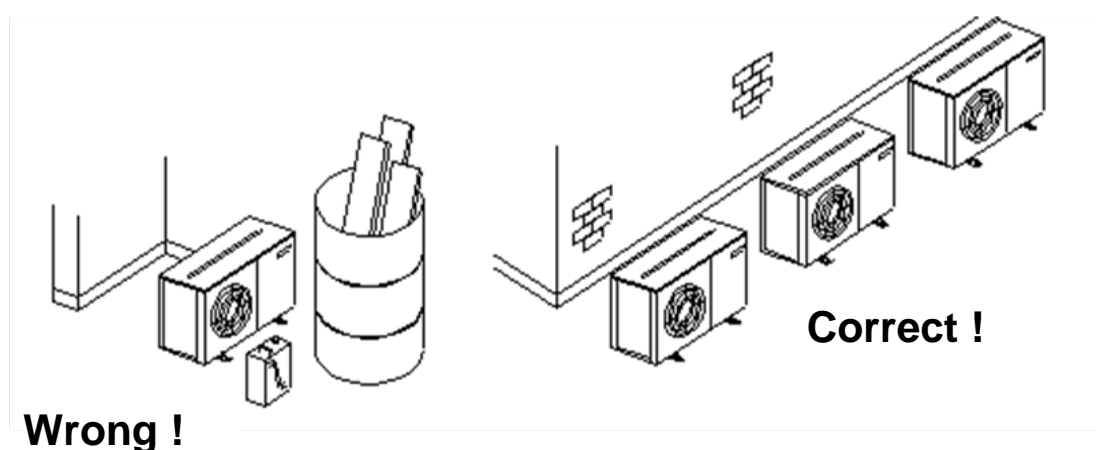
10. Installation & Commissioning

Unit site location

- In order to achieve maximum cooling capacity, the installation location for condensing unit should be carefully selected.
- Install the condensing unit in such a way so that hot air distributed by the condensing unit cannot be drawn in again (as in the case of short circuit of hot discharge air). Allow sufficient space for maintenance around the unit.



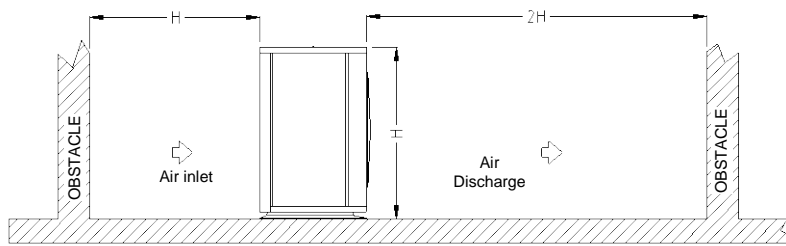
- Ensure that there is no obstruction of air flow into or out of the unit. Remove obstacles which block air intake or discharge.



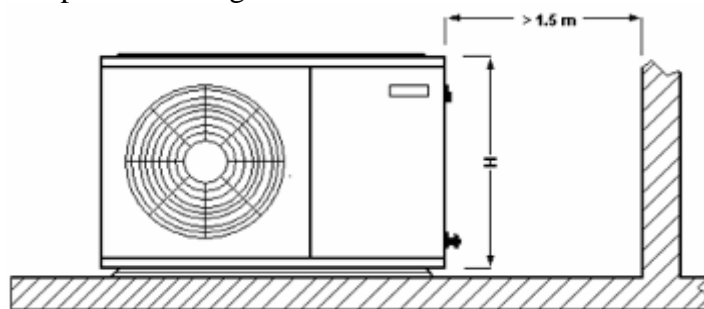
- The location must be well ventilated, so the unit can draw in and distribute plenty of air thus lowering the condensing temperature.
- To optimize the unit running conditions, the condenser coil must be cleaned at regular intervals.

Installation Clearance

- The installation location should allow sufficient space for air flow and maintenance around the unit.



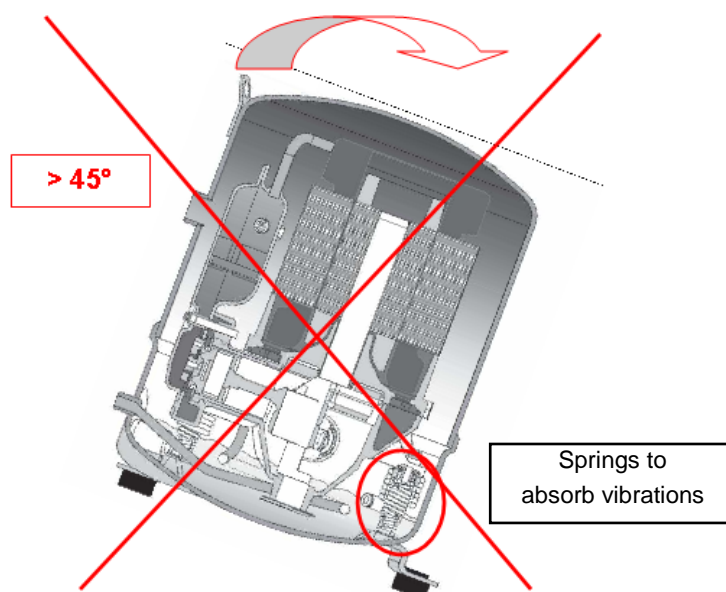
- To allow sufficient space for doing service or installation.



Compressor handling

To ensure compressor reliability, the condensing unit and the compressor must not be tilt greater than an angle of 45°.

Otherwise, the component can fall from its 3 compressor housing springs, which results in noisy vibrations during operation and possible to breakdown.



Field Piping

Important Note

Line sizing should only be determined by qualified personnel. All local codes of practice must be observed in the installation of refrigerant piping

To ensure satisfactory operation and performance, the following points should be noted for field piping arrangements,

- Couples one indoor unit with one outdoor condensing unit only.
- Release all the pre-charged nitrogen before pipework connection.
- Connecting pipe size for suction and liquid line must same as attaches to the condensing unit. Correct line sizing will minimize the pressure drop and maintain sufficient gas velocity for proper oil return.
- Pipework routes must be as simple and as short as possible. Avoid low points on pipework where oil can accumulate.
- Use only clean, dehydrated refrigeration grade copper tube with large radius elbows. The piping shall be kept with enough bending radius.
- Braze without over filling to ensure there is no excess solder into the tube.
- To prevent oxidation, blow nitrogen through pipework when brazing.
- Install insulation on all suction lines after pressure test.
- Adequately support all pipe work at a maximum of 2 meter intervals.
- For the condition where the outdoor condensing unit is above the indoor unit, the height difference between units shall be less than 25 m and install oil trap on suction pipe every 4 m height. The suction pipe must always be fitted with U-trap at the bottom.
- For the condition where the outdoor condensing unit is below the indoor unit, the height difference between units shall be less than 4 m. Pipe trap shall be installed upward on outlet of indoor unit (suction pipe).
- The recommended piping length is 25 m or less.
- Additional oil might be required in case field piping is long or with many oil traps. Check the oil level of the compressor to decide to add the oil after minimum 2 hours operation.
- It is recommended as well to install the MOP (Maximum Operation Pressure), expansion valve for medium evaporating temperature units, if the working suction pressure during start procedure especially after defrost cycle, is out of the limit, as refer to the table provided.

Recommend compressor working pressure range

Compressor Model	Med Temp AE/AJ	Med Temp	Med Temp ZB*KQE	
Refrigerant	R404A/ R407A/R407F	R134a	R404A/ R407A/R407F	R134a
Working Pressure Range High Side, (barG)	13.2 - 27.7	7.9 - 22.6	7.14 - 27.6	6.6 - 22.6
Working Pressure Range Low Side, (barG)	1.5 - 8.3	0.6 - 4.7	1.98 - 7.14	0.6 - 3.8

Pressure testing (field piping)

- Make sure that both service valves are closed
- When running a pressure test on field piping, always use an inert, dry gas such as Nitrogen
- The pressure differential between the high and low side shall not higher than below.

Compressor	Pressure differential
AE/AJ	19 barG (275 psig)
ZB*KQE	30 barG (435 psig)

- Test pressures shall be as shown follows.

Test pressure	
High side	Low side
28 barG (405 psig)	19 barG (275 psig)

- If there is pressure drop, check the leakage portion.

Vacuum - moisture removal

Important Note

Moisture prevents proper functioning of the compressor and the refrigeration system

Air and moisture reduce service life and increase condensing pressure causing abnormally high discharge temperatures likely to destroy the oil's lubricating properties. The risk of acid formation is also increased by air and moisture and copper plating can be generated in this way. All these phenomena can be cause mechanical and electrical failure.

Important Note

Ensure that a good quality vacuum pump is used to pull a vacuum of 0.67 mbar.abs (-1.0 barG) or less. Ensure that no pressure increase during 1 hour or more after stop vacuuming. If pressure increase, there is moisture or leakage along the pipeline.

Safety pressure switch settings

The pressure switch fitted to condensing units with auto reset for low pressure and manual reset for high pressure are **NOT** factory preset.



High pressure safety (Manual reset)

The high pressure safety switch is required to stop the compressor, should the discharge pressure exceed the values shown in the following table. The high pressure switch can be set to lower values depending on the application and the ambient conditions

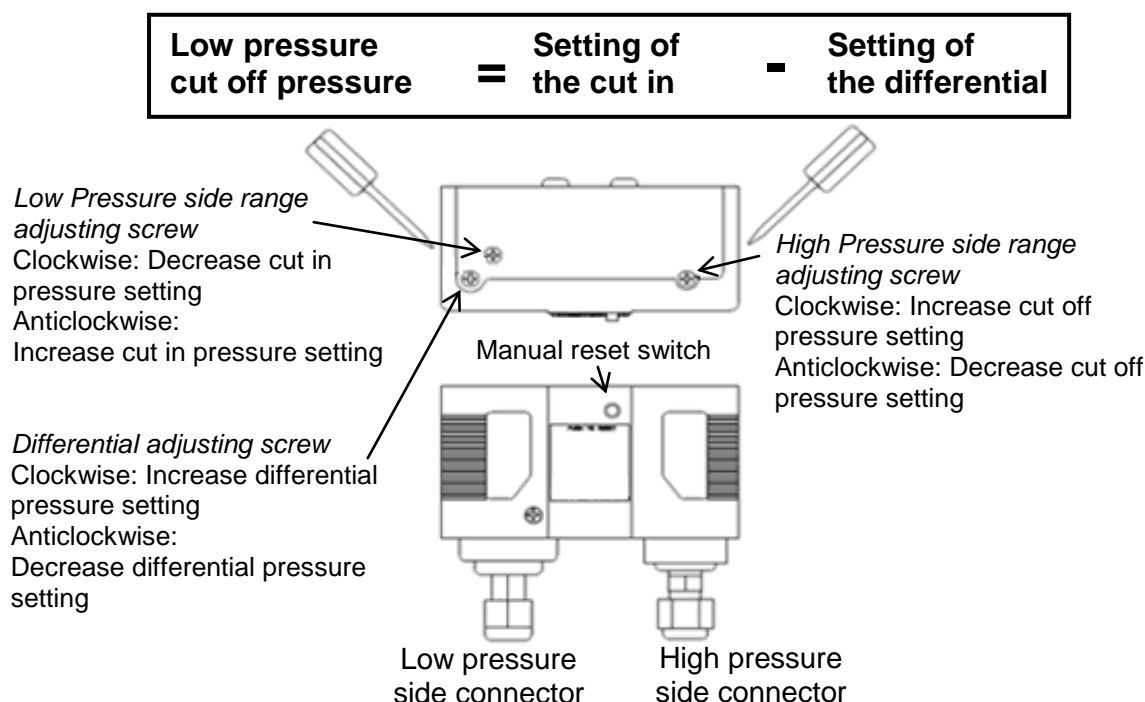
Model	AE/CAJ/TAJ		ZB	
Refrigerant	R404A/R407F/R407A	R134a	R404A/R407F/R407A	R134a
Cut Out (barG)	27.7	18	27.7	18
Cut Out (psig)	402	261	402	261

Low pressure safety (Auto reset)

The low pressure safety switch is recommended to avoid compressor operation at too lower suction pressure and vacuum condition. The low pressure safety cut should never be set below value as shown in the following table.

Model	AE/CAJ/TAJ		ZB*KQE	
Refrigerant	R404A/ R407F/ R407A	R134a	R404A/ R407F/ R407A	R134a
Application	M*	M*	M*	M*
Cut out (barG)	1.5	0.5	2	0.6
Cut out (psig)	21.8	7.3	29	8.7

* M: Medium temperature



Important Note

There must be no more than 10 compressor starts per hour. A higher number reduces the service life of the compressor. If necessary, use an anti-short-cycle timer in the control circuit. Minimum a 3 minute runtime after each start of compressor and a 3 minute idle time after each stop are recommended. Only during the pump down cycle may the compressor run for much shorter intervals.

Fan speed controller setting

The fan speed controller controls the speed of the condenser's fan.

It keeps the condensing pressure at a steady level by changing the speed of the fan according to the required condensing pressure.

Factory setting is 19 barG and the operation during low pressure is "cut off" mode.

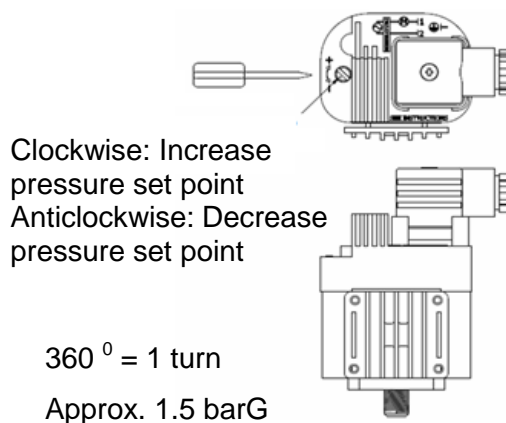
For model in Series 2 & 4, recommend setting for range setting pointer/ range adjusting screw as table below:

Medium temperature

Refrigerant	R404A/R407C/R407F/R407A	R134a
Setting (barG)	19	Series 2 - 13 Series 4 - 10

Low temperature

Refrigerant	R404A/R407C/R407F/R407A
Setting (barG)	JEHS model – 13 JEHR model - 19



For model in **Series 1**: Recommended setting for Series 1 model which using pressure switch to on/off fan:

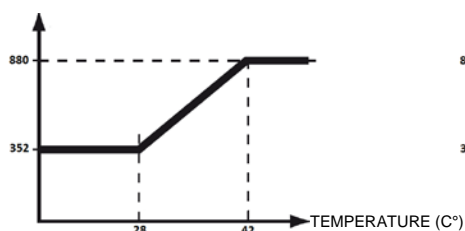
Refrigerant	R404A/R407F/R407A	R134a
Setting (bar) Cut in	16	13
Setting (bar) Differential	7	7

The low pressure cut off pressure is the setting of cut in minus the differential.

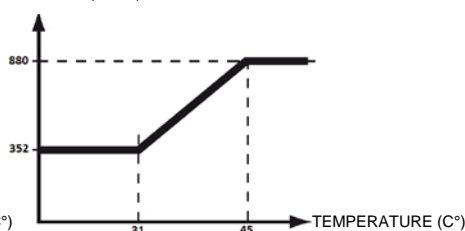
For model in **Series 3**, the fan speed controller setting as shown below.

MEDIUM TEMP MODEL

REFRIGERANT: R404A, R407A, R407F
FAN SPEED (RPM)

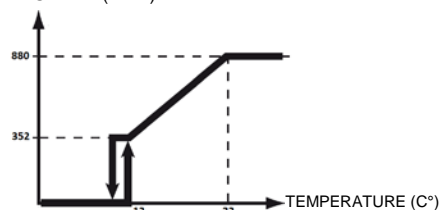


REFRIGERANT : R134a
FAN SPEED (RPM)



LOW TEMP MODEL

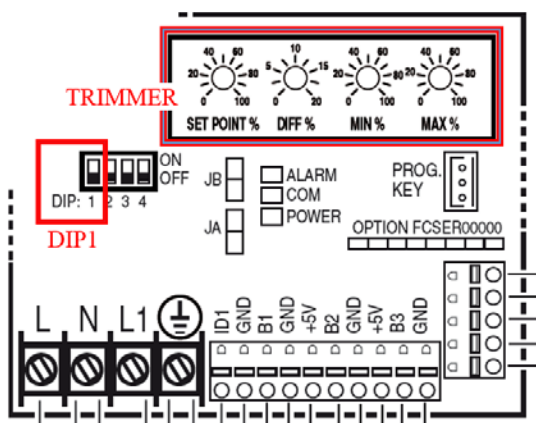
REFRIGERANT: R404A, R407A
FAN SPEED (RPM)



Factory default setting is for refrigerant R404A, R407A and R407F only.

To change the setting for refrigerant R134a, please follow instruction below:

1. Switch on the DIP1.
2. Adjust the TRIMMER to setting as shown table table

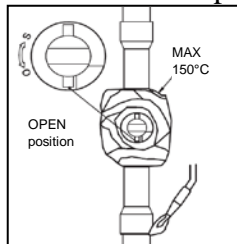


TRIMMER	R134a
SET POINT %	41
DIFF %	14
MIN %	40
MAX %	100

Commissioning of the Condensing Unit

Please make sure that all manual service valves are fully open when starting the system for the first time. This includes external and internal shut off valves as well as liquid receiver valve in the unit.

The ball valve open position is shown as below:



Compressor electrical wiring


Important Note

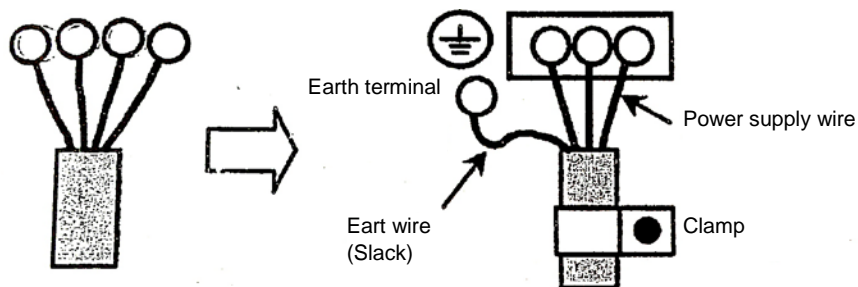
Compressor wiring for 3 phases models must be controlled. Supply phase sequence L1, L2 and L3 will affect the scroll compressor rotating direction and damage the compressor.

Service technician should be present at initial start-up to verify that the supply power is properly phased and connected where that compressor is rotating in the correct direction.

Verification of proper rotation direction is made by observing that suction pressure drops and discharge pressure rises when the compressor is energized. Reverse rotation of a scroll compressor also results in substantially reduced current draw. Suction temperature will be high, discharge temperature will be low and the compressor may be abnormal noisy.

Earthing of Condensing Unit

Installation of earth wire must be made to earthing screw labelled with  before connecting the live wires. The earth wire shall be slack as shown in below diagram.



F-gas Regulation

Important information regarding the refrigerant used



Its functioning relies on fluorinated greenhouse gases

- This product is factory charged with N2.
- The refrigerant system will be charged with fluorinated greenhouse gases. Do not vent gases into the atmosphere.

The GWP (Global Warming Potential) values of refrigerants which are specified for use in this equipment along with the three new thresholds for leak testing requirements based on TCO₂Eq (Tonnes CO₂ Equivalent) are as follows:

Refrigerant	GWP	Refrigerant Charge - kg		
		5T	50T	500T
		CO ₂ Eq	CO ₂ Eq	CO ₂ Eq
R404A	3921.6	1.3	12.7	127
R407A	2107	2.4	23.7	237
R407F	1824.5	2.7	27.4	274
R134a	1430	3.5	35.0	350


Please fill in with indelible ink, on the refrigerant charge label supplied with the product.


☐ The total refrigerant charge & the TCO₂ equivalent for charged refrigerant.

Tonnes CO₂ equivalent means the quantity of greenhouse gases, expressed as the product of the weight of the greenhouse gases in metric tonnes and their global warming potential.

- **Tonnes CO₂ Equivalent = kg of refrigerant charge/1000 x GWP**

The filled out label must be adhered in the proximity of the product charging port.

 Contains fluorinated greenhouse gases			
Ref.	GWP	Charge (kg)	CO ₂ Eq.
R404A	3921.6		
R407A	2107		
R407F	1825		
R134a	1430		



The periodical inspections for refrigerant leaks may be required depending on European or local legislation. Please contact your local dealer for more information.

11. Decommissioning and Disposal

At the end of the unit's useful life, a suitably qualified engineer should decommission it. The refrigerant and compressor oil are classed as hazardous waste and as such must be reclaimed and disposed of in the correct manner, including completion of waste transfer paperwork. The unit components must be disposed of or recycled as appropriate in the correct manner.

12. Service and Maintenance

Important Note

Warning! – Disconnect the mains electrical supply before servicing or opening the unit

Warning! – Ensure there is no refrigerant in refrigerant circuit before dismantle it

Warning! – If the supply cord is damaged, it must be replaced by the qualified service agent in order to avoid a hazard.

The condensing units are designed to give long life operation with minimum maintenance. However, they should be routinely checked and the following service schedule is recommended under normal circumstances:

The removal of the top, side and front panels ensures that all parts are accessible.

1. Compressor – Inspect at regular intervals
 - Check for refrigerant leaks on all joints and fittings.
 - Ensure that no abnormal noise or vibration is detected during test run.
 - Check the compressor oil levels and top up if required. The oil level should not be lower than quarter of the compressor oil sight glass. Not applicable to AE/AJ.
2. Condenser Coil – Clean and inspect at regular intervals
 - Check and remove the dirt and debris between the fins according to 9.1
 - Check and remove any obstacles which may hinder the airflow through the condenser coil.
3. Power Supply – Inspect at regular intervals
 - Check the running current and voltage for the condensing unit.
 - Check the electrical wiring and tighten the wires onto the terminal blocks.

Under normal circumstances:

- Clean condenser coil every three months
- To assure no leakage
- Check and verify operation of all safety devices every three months, ensure crankcase heater is operational
- Check sight glass and operating conditions
- Check security of compressor mountings and the bolts that hold down the unit each year

Micro Channel Heat Exchanger Cleaning Procedure

Step 1: Remove surface debris

Remove surface dirt, leaves, fibers, etc. with a vacuum cleaner (preferably with a brush or other soft attachment rather than a metal tube), compressed air blown from the inside out, and/or a soft bristle (not wire!) brush. Do not impact or scrape the coil with the vacuum tube, air nozzle, etc.

Step 2: Optional blow dry

Micro channel heat exchangers, because of their fin geometry, tend to retain water more than traditional fin & tube coils. Depending on the specific design and installation of your coil, it may be beneficial to blow or vacuum out the rinse water from your unit to speed drying and prevent pooling.

13. Checkpoints

- Ensure the high low pressure controls are configured properly.
- Ensure crankcase heater is energized minimum 12 hours prior to start up and permanently energized.
- Check the refrigerant is correct for intended use.
- Check all electrical connections.
- Check all electrical termination and circuits are correct.
- Check compressor oil level via compressor sight glass, the oil level should not be lower than quarter of sight glass.
- Check the TXV capacity sizing based on indoor unit capacity. Check TXV applicable refrigerant. Check position and condition of the sensing bulb fixing
- Observed the system pressures during the charging and initial operation process.
- Ensure that suction pressure will decrease, discharge pressure will increase. No abnormal noise from the compressor.
- Continue to charge the system until sight glass is clear. Make sure that high pressure is > 14 barG for R404A and > 8 barG for R134a when doing this charge adjustment operation. Continuous flow of clear refrigerant through the sight glass, with perhaps an occasional bubble at very high temperature indicates the refrigerant is at optimum.
- Check the compressor's discharge and suction pressure, ensure it's within operating range. Discharge temperature should be within 50 to 90 °C and pressure should be around 15 to 26 barG (for system charged with R404A/R407F/R407A) and 8 to 16 barG (for system charged with R134a).
- Check the current of condensing unit and ensure it below the isolator setting value.
- Check condenser fan, ensure warm air blowing off the condenser coil.
- Check evaporator blower, ensure it's discharging cool air.
- Check suction superheat and adjust expansion valve to prevent liquid flood back to the compressor. Recommended 5 to 20 K of suction superheat.
- Do not leave the system unattended until the system has reached its normal operating condition and the oil charge has properly adjusted itself to maintain the proper level in the sight glass.
- Check periodically the compressor performance and all the moving components during the first day of operation.

- Check the liquid line sight glass and expansion valve operation. If there is an indication that the system is low on refrigerant, thoroughly check the system for leaks before adding refrigerant.

14. Trouble Shooting

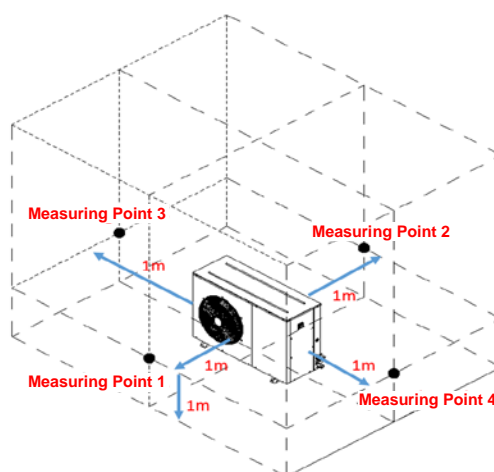
This troubleshooting guide describes some common condensing unit failure. Consult qualified personnel before any corrective actions are taken.

Failure	Possible Causes
Fan does not work	<ul style="list-style-type: none"> • Improper wiring
Compressor does not start	<ul style="list-style-type: none"> • Improper wiring • System stopped because of tripped of safety device.
Insufficient cooling	<ul style="list-style-type: none"> • Incorrect TXV size and SH setting • Miss matching of indoor unit • Low refrigerant charge • Condenser coil dirty • Obstacle blocking air inlet/outlet • Improper thermostat setting • Compressor rotating direction is incorrect

Important Note

Warning! – Immediately shut off power of the unit if there is any event of accident or breakdown.

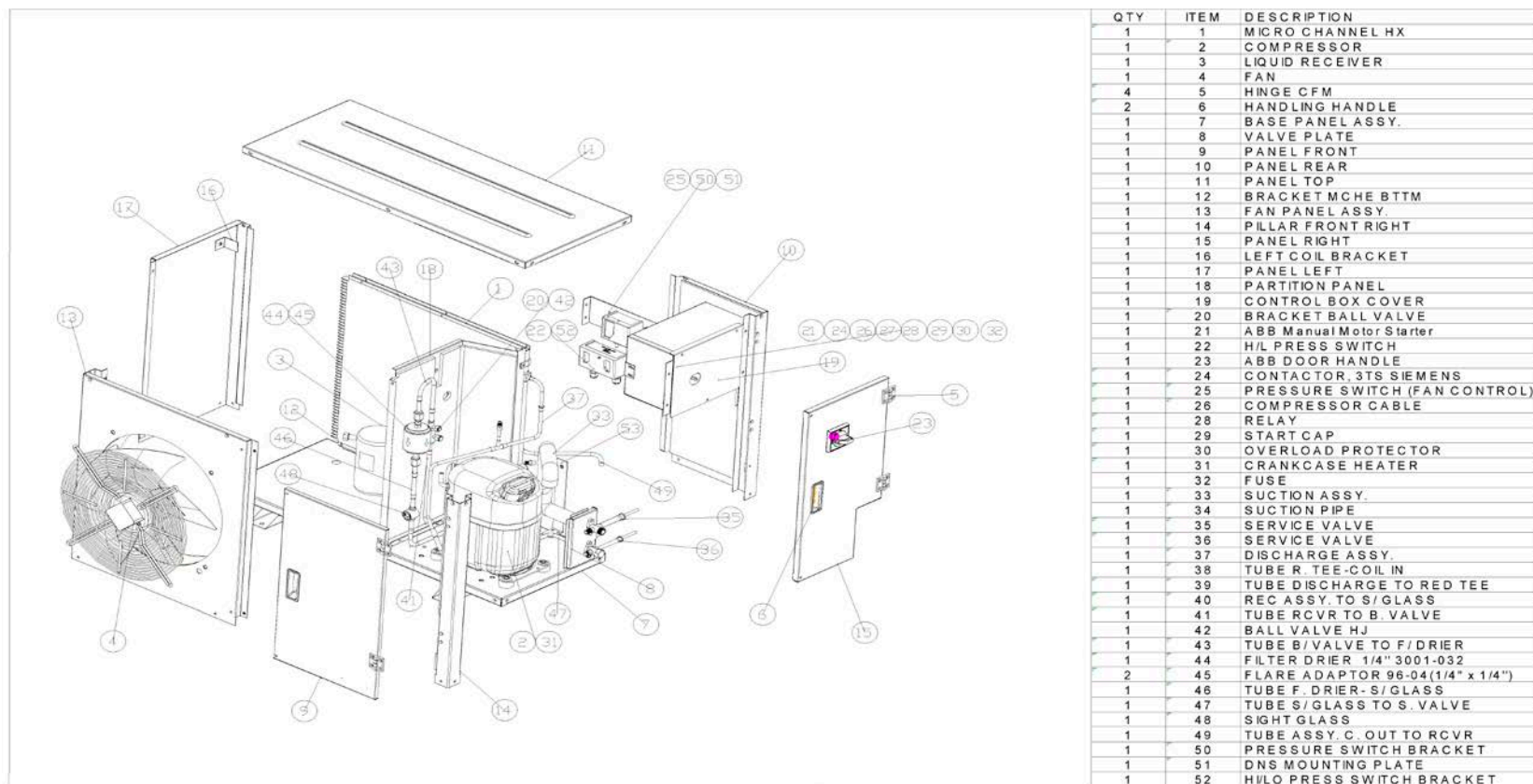
15. Sound Pressure Level



Sound pressure level is measured in anechoic room. The microphones were placed at 1m height and 1m away from 4 sides of the unit to measure sound pressure level. Published value refers to the average sound pressure level of the four measuring points.

16. Exploded view of the condensing unit

JEHCCU0050CM1, JEHCCU0067CM1, JEHCCU0100CM1, JEHCCU0113CM1
JEHCCU0040CM1, JEHCCU0051CM1, JEHCCU0063CM1, JEHCCU0077CM1, JEHCCU0095CM1

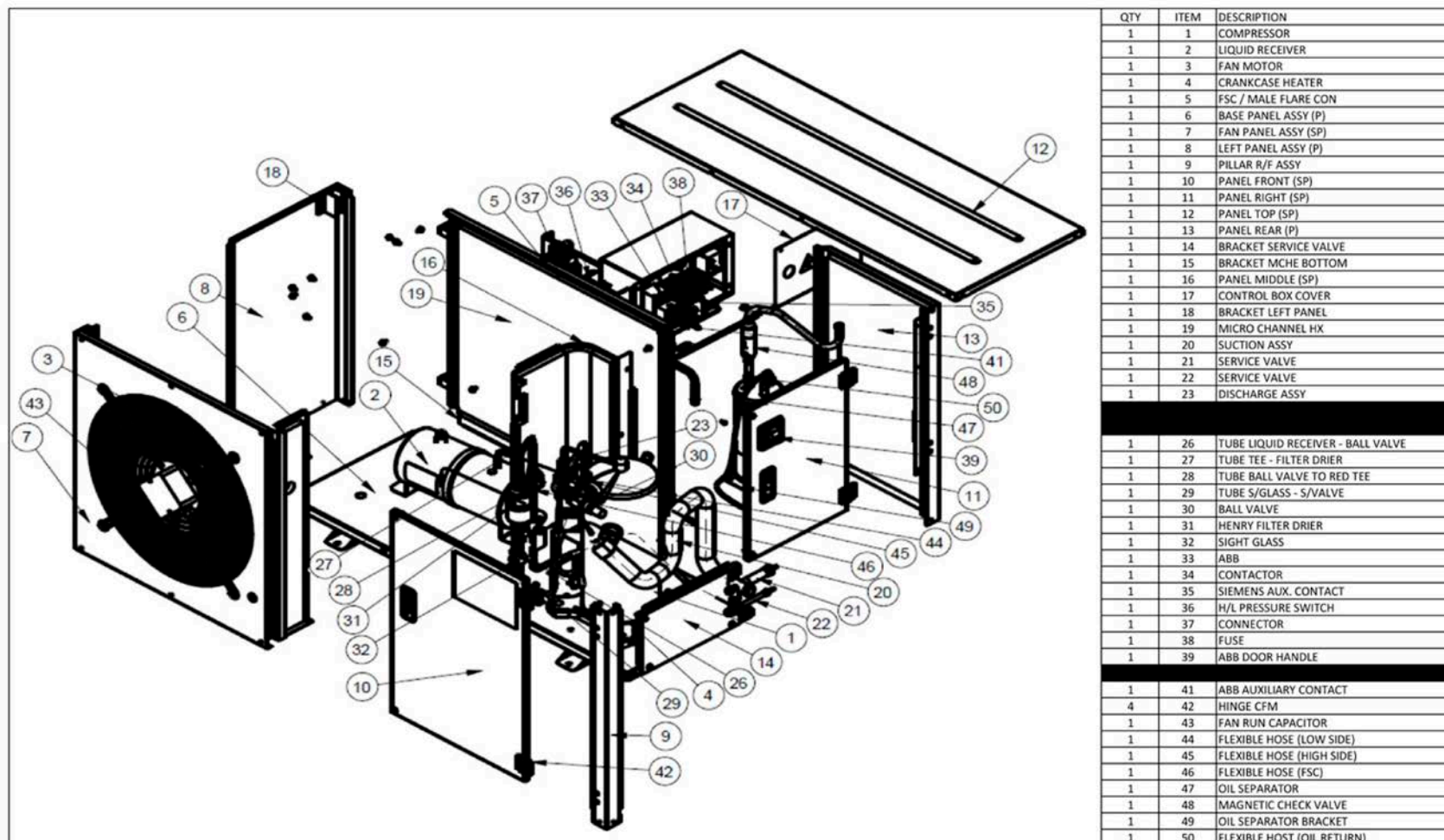


T-CU03-OCT14-1

104

All specifications are subjected to change by the manufacturer without prior notice.

The English text is the original instruction. Other languages are the translations of the original instructions.



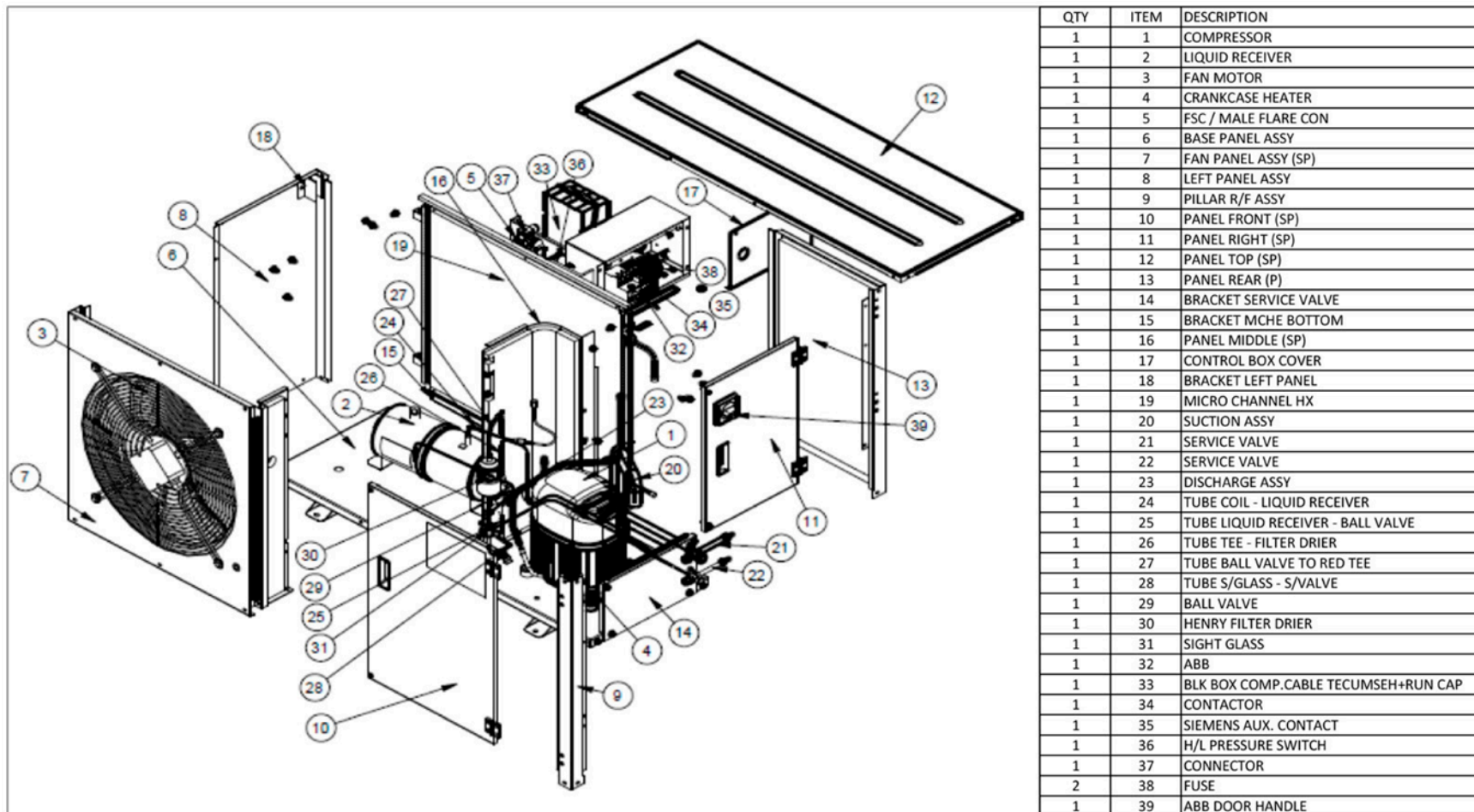
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105

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JEHCCU0140CM1/3



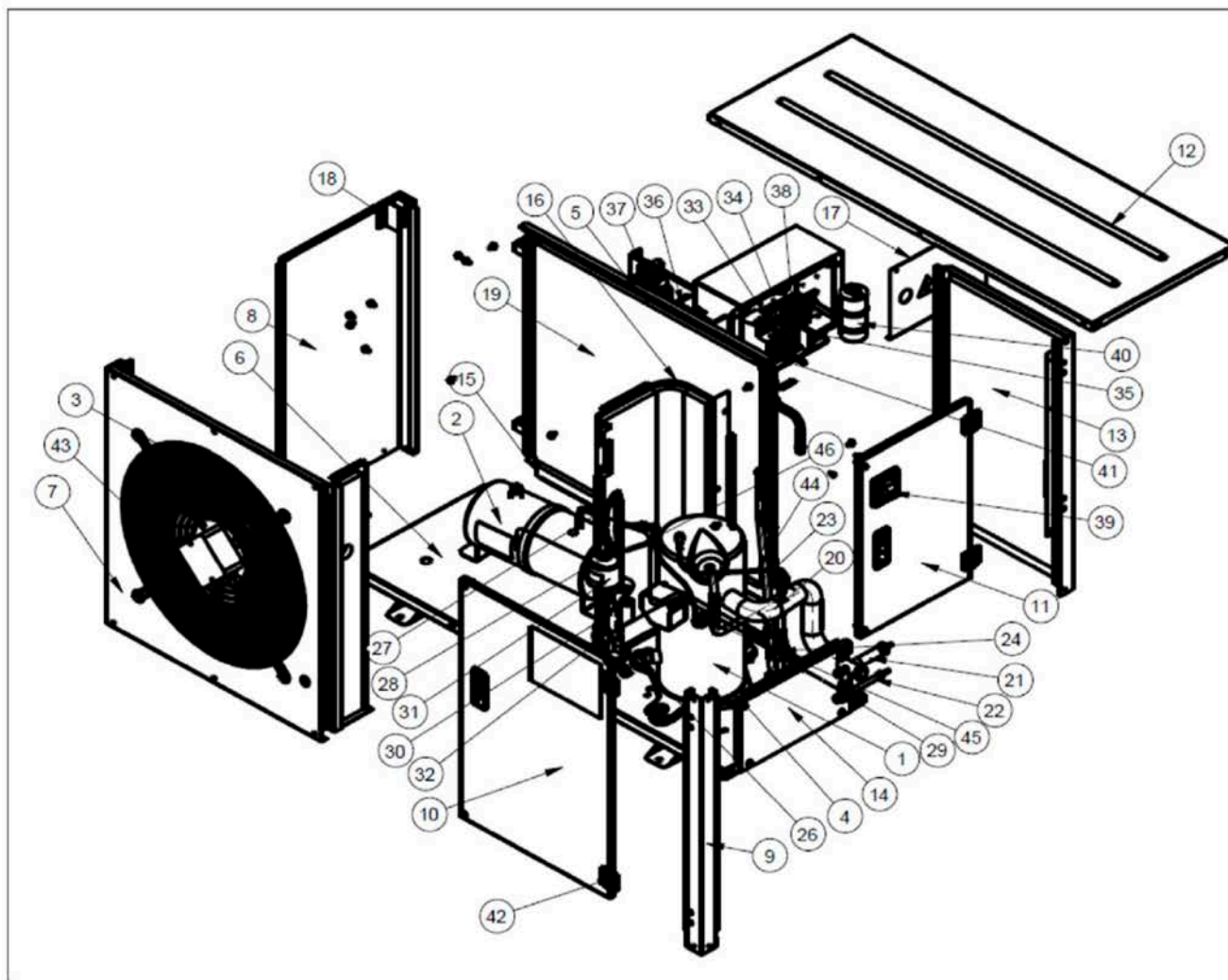
T-CU03-OCT14-1

106

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JEHSCU0200CM1, JEHSCU0200CM3, JEHSCU0250CM1, JEHSCU0250CM3,
JEHSCU0300CM1, JEHSCU0350CM3



QTY	ITEM	DESCRIPTION
1	1	COMPRESSOR
1	2	LIQUID RECEIVER
1	3	FAN MOTOR
1	4	CRANKCASE HEATER
1	5	FSC / MALE FLARE CON
1	6	BASE PANEL ASSY (P)
1	7	FAN PANEL ASSY (SP)
1	8	LEFT PANEL ASSY (P)
1	9	PILLAR R/F ASSY
1	10	PANEL FRONT (SP)
1	11	PANEL RIGHT (SP)
1	12	PANEL TOP (SP)
1	13	PANEL REAR (P)
1	14	BRACKET SERVICE VALVE
1	15	BRACKET MCHC BOTTOM
1	16	PANEL MIDDLE (SP)
1	17	CONTROL BOX COVER
1	18	BRACKET LEFT PANEL
1	19	MICRO CHANNEL HX
1	20	SUCTION ASSY
1	21	SERVICE VALVE
1	22	SERVICE VALVE
1	23	DISCHARGE ASSY
1	24	BALL VALVE
1	26	TUBE LIQUID RECEIVER - BALL VALVE
1	27	TUBE TEE - FILTER DRIER
1	28	TUBE BALL VALVE TO RED TEE
1	29	TUBE S/GLASS - S/VALVE
1	30	BALL VALVE
1	31	HENRY FILTER DRIER
1	32	SIGHT GLASS
1	33	ABB
1	34	CONTACTOR
1	35	SIEMENS AUX. CONTACT
1	36	H/L PRESSURE SWITCH
1	37	CONNECTOR
2	38	FUSE
1	39	ABB DOOR HANDLE
1	40	CAPACITOR - COMPRESSOR
1	41	ABB AUXILIARY CONTACT
4	42	HINGE CFM
1	43	FAN RUN CAPACITOR
1	44	FLEXIBLE HOSE (LOW SIDE)
1	45	FLEXIBLE HOSE (HIGH SIDE)
1	46	FLEXIBLE HOSE (FSC)

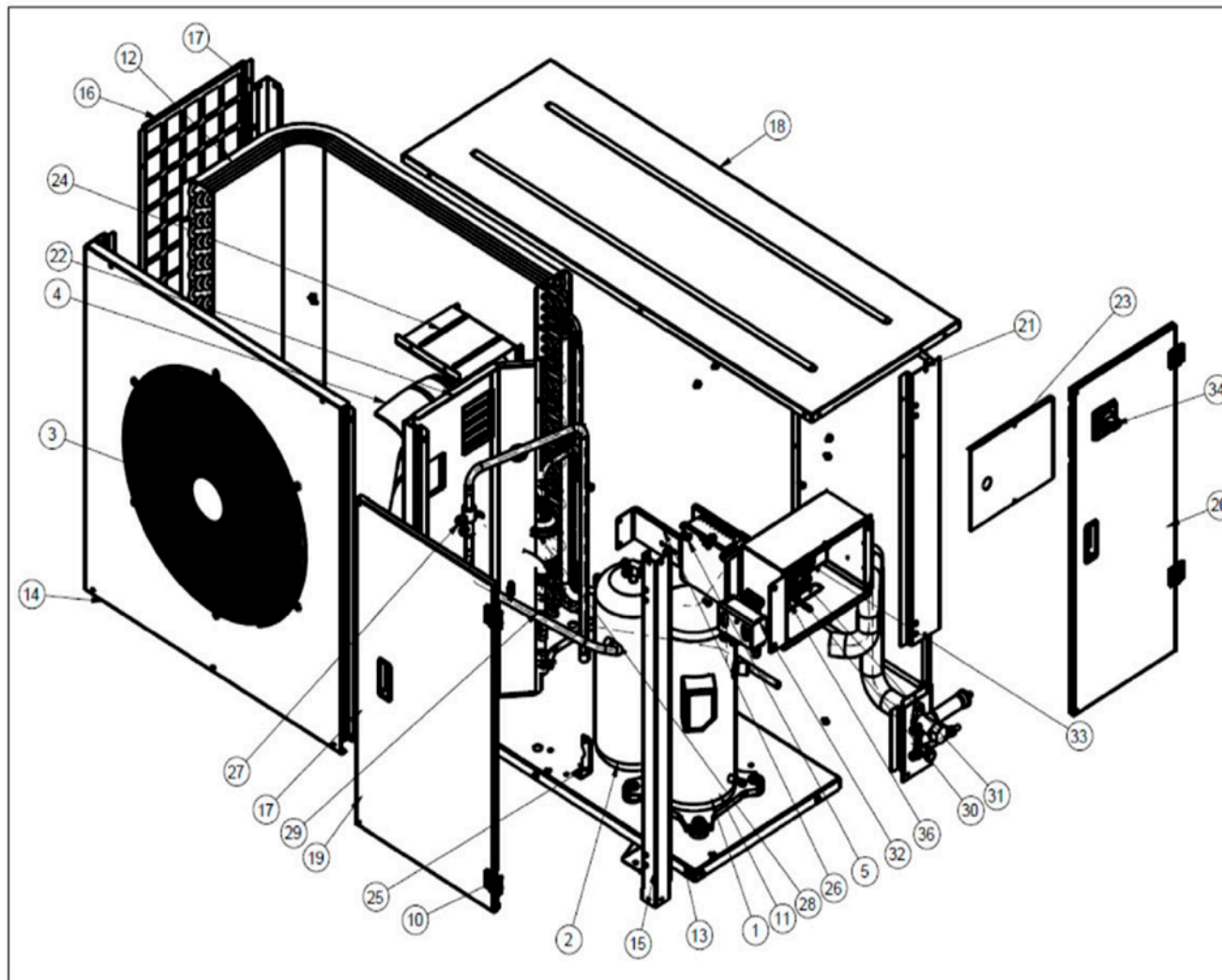
T-CU03-OCT14-1

107

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The English text is the original instruction. Other languages are the translations of the original instructions.

JEHSCU0400CM3; JEHSCU0500CM3; JEHSCU0600CM3; JEHSCU0680CM3



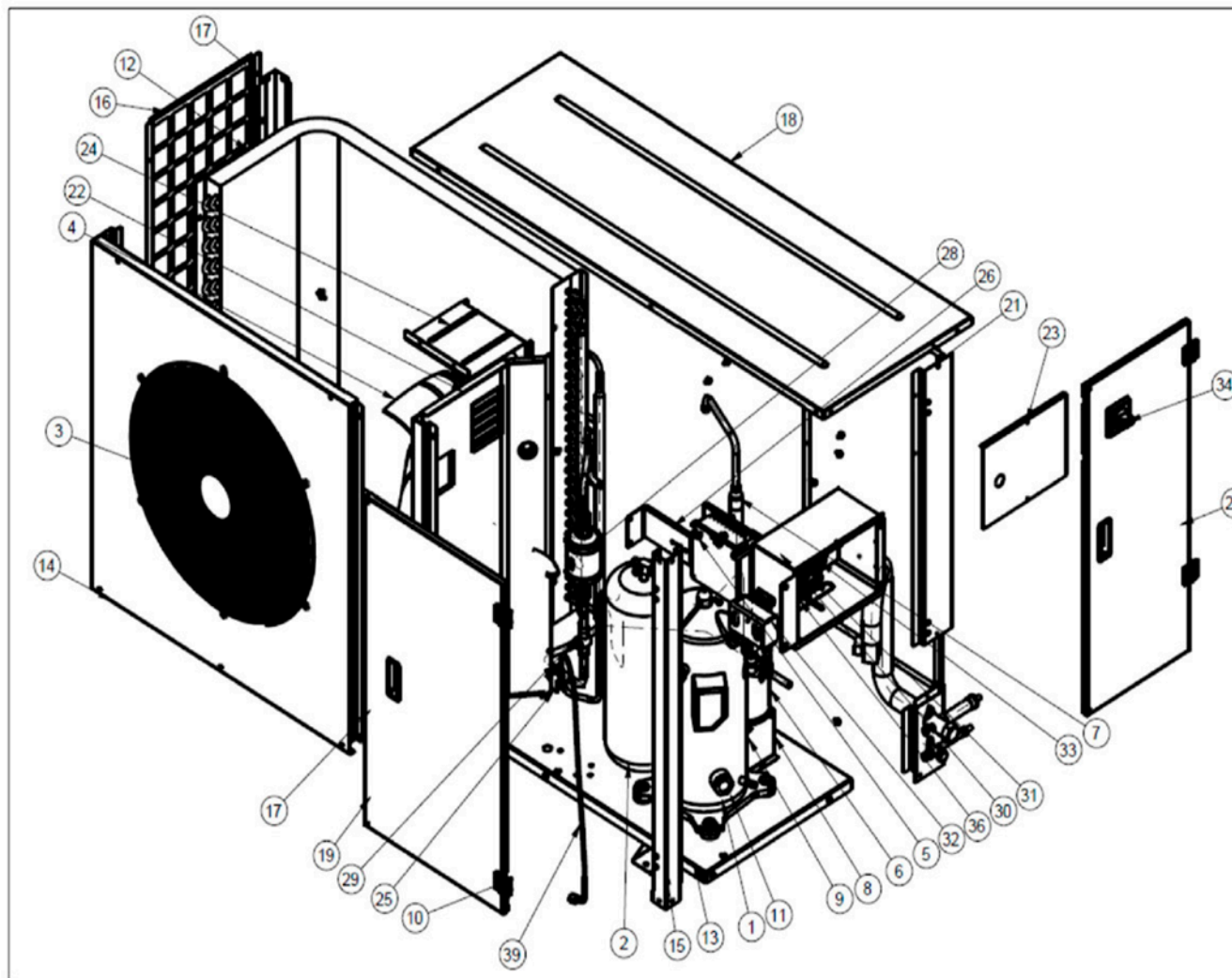
QTY	ITEM	DESCRIPTION
1	1	COMPRESSOR
1	2	LIQUID RECEIVER
1	3	FAN GUARD
1	4	FAN
1	5	FAN SPEED CONTROLLER
1	10	HINGE CFM
1	11	CRANKCASE HEATER
1	12	CONDENSER
1	13	BASE PANEL ASSY
1	14	FAN PANEL ASSY (P)
1	15	PILLAR R/F ASSY (P)
1	16	LEFT PANEL ASSY (P)
1	17	PILLAR L/R (P)
1	18	PANEL TOP (SP)
1	19	PANEL FRONT (SP)
1	20	PANEL RIGHT (SP)
1	21	PANEL REAR (SP)
1	22	PANEL MIDDLE (SP)
1	23	CONTROL BOX COVER
1	24	FAN MOTOR BRACKET
1	25	BRACKET LIQUID PIPE
1	26	BRACKET BALL VALVE
1	27	BALL VALVE
1	28	HENRY FILTER DRIER
1	29	SIGHT GLASS
1	30	ABB
1	31	CONTACTOR
1	32	H/L PRESSURE SWITCH
2	33	FUSE
1	34	ABB DOOR HANDLE
1	36	ABB AUXILIARY CONTACT

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108

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The English text is the original instruction. Other languages are the translations of the original instructions.



QTY	ITEM	DESCRIPTION
1	1	COMPRESSOR
1	2	LIQUID RECEIVER
1	3	FAN GUARD
1	4	FAN
1	5	FAN SPEED CONTROLLER
1	6	OIL SEPARATOR
1	7	MAGNETIC CHECK VALVE
1	8	BRACKET OIL SEPARATOR
1	9	BRACKET OIL SEPARATOR
1	10	HINGE CFM
1	11	CRANKCASE HEATER
1	12	CONDENSER
1	13	BASE PANEL ASSY
1	14	FAN PANEL ASSY (P)
1	15	PILLAR R/F ASSY (P)
1	16	LEFT PANEL ASSY (P)
1	17	PILLAR L/R (P)
1	18	PANEL TOP (SP)
1	19	PANEL FRONT (SP)
1	20	PANEL RIGHT (SP)
1	21	PANEL REAR (SP)
1	22	PANEL MIDDLE (SP)
1	23	CONTROL BOX COVER
1	24	FAN MOTOR BRACKET
1	25	BRACKET LIQUID PIPE
1	26	BRACKET BALL VALVE
1	28	HENRY FILTER DRIER
1	29	SIGHT GLASS
1	30	ABB
1	31	CONTACTOR
1	32	H/L PRESSURE SWITCH
2	33	FUSE
1	34	ABB DOOR HANDLE
1	36	ABB AUXILIARY CONTACT

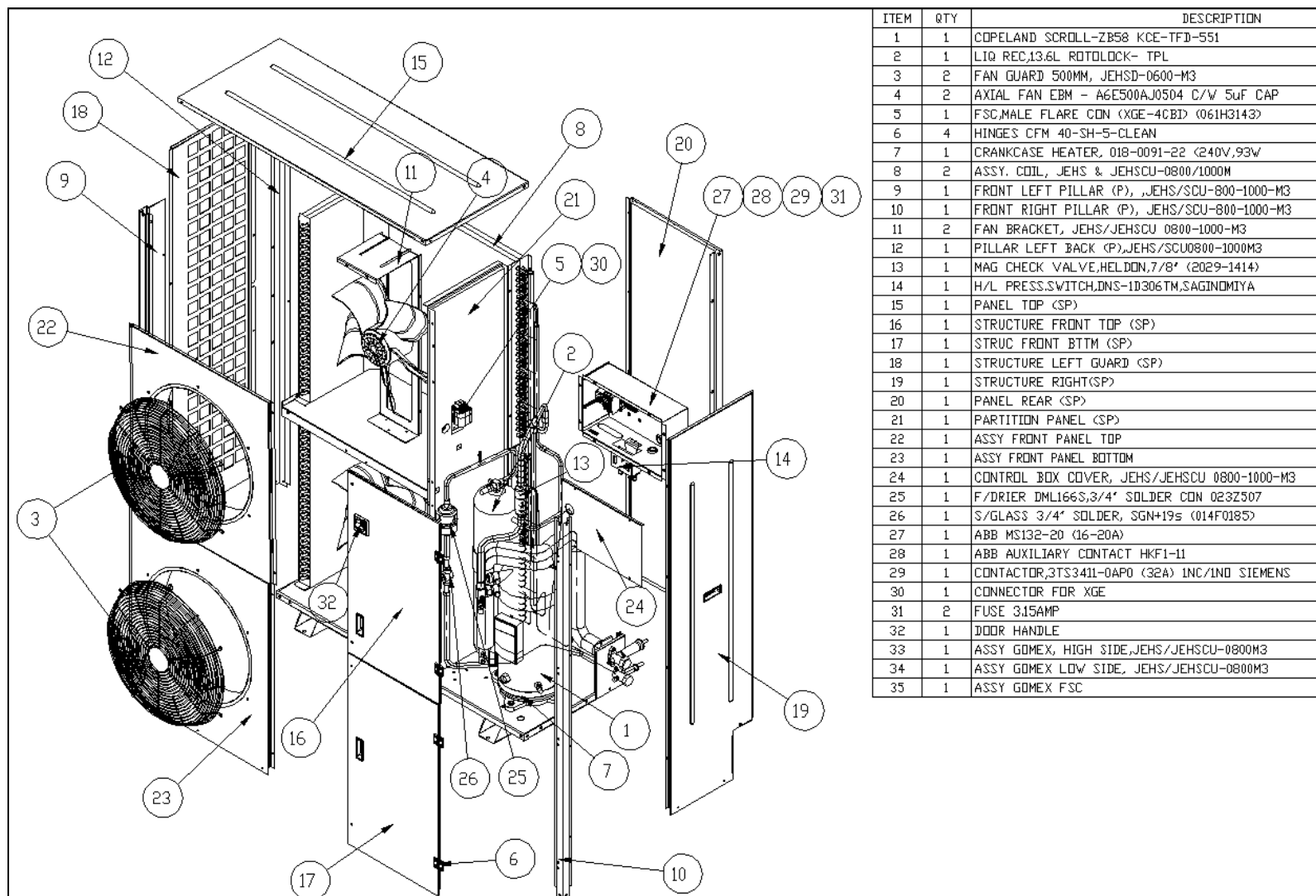
T-CU03-OCT14-1

109

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JEHSCU0800CM3, JEHSCU1000CM3



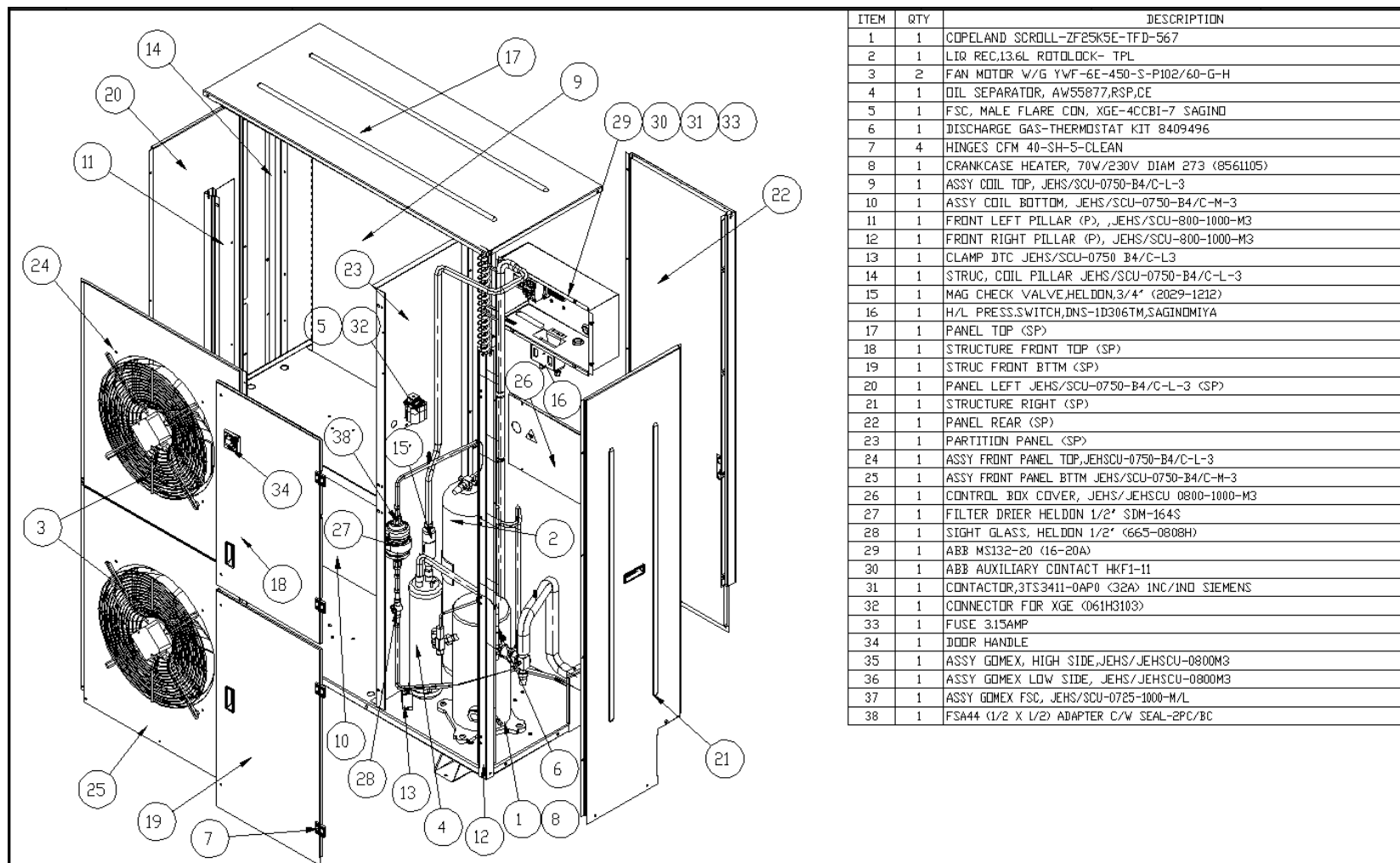
T-CU03-OCT14-1

110

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JEHSCU0750CL3



T-CU03-OCT14-1

111

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The English text is the original instruction. Other languages are the translations of the original instructions.

17. Declaration of Conformity

DOC/001-15(1)



DAIKIN REFRIGERATION MALAYSIA SDN. BHD.

**LOT 10, JALAN PERUSAHAAN 8, KAWASAN PERUSAHAAN PEKAN BANTING,
42700 BANTING, SELANGOR DARUL EHSAN, MALAYSIA.**

Declaration of Conformity

Konformitätsbescheinigung
Déclaration de Conformité
Conformiteitsverklaring
Declaración de Conformidad
Dichiarazione di Conformità
Överensstemmelseerklæring
Declaração de Conformidade
Δήλωση Συμμόρφωσης
Deklaracja zgodności

declare under our sole responsibility that the products
bescheinigen auf unsere eigene Verantwortung, daß die Produkten
déclarons sous notre seule responsabilité que les produits
verklaren onder onze uitsluitende verantwoordelijkheid de producten
declaramos sobre nuestra sola responsabilidad que los productos
dichiaro sotto nostra sola responsabilità che i prodotti
erklærer som eneansvarlige, at produktet
declaramos sob a nossa responsabilidade exclusiva que os produtos
δηλώνει υπό την αποκλειστική της ευθύνη ότι τα προϊόντα
oświadcza z pełną odpowiedzialnością, że produkty

COMMERCIAL REFRIGERATION CONDENSING UNIT

Unidad que condensa comercial de la refrigeración
Unité de condensation commerciale de réfrigération
Commerciële condenserende koel-unit
Kommerzielle kondensierende Maeinheit der Abkühlung
Unità condensate commerciale di refrigerazione
kølekondenseringsenheden til kommercielt brug
Unidade de condensação de refrigeração
Εμπορική Μονάδα Συμπυκνώσης Ψύξης
AGREGAT SKRAPLAJĄCY - CHŁODNICTWO KOMERCYJNE

Model Designations:
Baumuster-Bezeichnungen:
Designations Modèles:
Aanduiding Model:
Designaciones Modelo:
Indicazioni de Modello:
modelbetegnelser:
Designações do modelo:
Ονομασίες μοντέλων:
Opiszenia modeli:

See Appendix 1 overleaf
Sehen sie anhang l umseitig
Voir l'annexe l au verso
Zie ommezijde voor bijlage l
Vea el apendice l a la vuelta
Veda overleaf l'appendice l
se appendiks l på bagsiden
Ver Apêndice l verso
Βλ. Παράρτημα l στο πίσω μέρος της σελίδας
Patrz na odwrocie Załącznik l

which this declaration relates is in conformity with the requirements of the following directives
auf diese Bescheinigung sich beziehen, sind den Vorschriften der Normen entsprechend
auxquels se réfèrent cette déclaration, sont conformes aux prescriptions des directives
waarop deze verklaring betrekking heeft, in overeenstemming is/zijn met de eisen van de volgende richtlijnen
a los cuales se refieren esta declaración, son conformes a las prescripciones de las directivas
alla quale si riferisce questa dichiarazione, sono conformi alle prescrizioni delle direttive
som denne erklæring vedrører, er i overensstemmelse med kravene fremsat i følgende direktiver
que esta declaração está conforme os requerimentos das seguintes directrizes
τα οποία αφορά αυτή η δήλωση συμμορφώνονται με τις απαιτήσεις των παρακάτω οδηγιών
których dotyczy ta deklaracja są zgodne z wymaganiami następujących Dyrektyw

Machinery Directive *
IEC/EN 60335-1
IEC/EN 60335-2-89

2006/42/EC
Safety of Household and Similar Electrical Appliances: Part I
Safety of Household and Similar Electrical Appliances: Part II

Eco-design Directive
Commission regulation (EU) 2015/1095

2009/125/EC
Ecodesign requirements for condensing units

* Daikin Europe N.V. is authorised to compile the Technical Construction File.
* Daikin Europe N.V. hat die Berechtigung die Technische Konstruktionsakte zusammenzustellen.
* Daikin Europe N.V. est autorisé à compiler le Dossier de Construction Technique.
* Daikin Europe N.V. is gevolmachtigd het Technisch Constructiedossier op te stellen.
* Daikin Europe N.V. está autorizado a compilar el Archivo de Construcción Técnica.
* Daikin Europe N.V. è autorizzata a redigere il File Tecnico di Costruzione.
* Daikin Europe N.V. er bemyndiget til at kompilere teknikkonstruktionsfilen.
* Daikin Europe N.V. tem autorização para compilar o Ficheiro de Construção Técnica.
* Daikin Europe N.V. είναι εξουσιοδοτημένη να καταρτίσει τον Τεχνικό Φάκελο Κατασκευής.
* Daikin Europe N.V. jest upowazniony do opracowania dokumentacji technicznej.

Daikin Europe N.V., Zandvoordestraat 300, 8400 Oostende (Belgium)

General Manager

Teh Yeow Chong

Issue Date: 22 March 2016



Declaration of Conformity

Konformitätsbescheinigung
Déclaration de Conformité
Conformiteitsverklaring
Declaracion de Conformidad
Dichiarazione di Conformità
Overensstemmelseserklæring
Declaração de Conformidade
Δήλωση Συμμόρφωσης
Deklaracja zgodności

DAIKIN REFRIGERATION MALAYSIA SDN. BHD.

LOT 10, JALAN PERUSAHAAN 8, KAWASAN PERUSAHAAN PEKAN BANTING,
42700 BANTING, SELANGOR DARUL EHSAN, MALAYSIA.

*Model Designations:
Baumuster-Bezeichnungen:
Designation Modelos:
Aanduidingen Model:
Designaciones Modelo:
Indicazioni de Modello:
modelbetegnelse:
Designações do modelo:
Ονομασίες μοντέλων:
Oznaczenia modelu:*

JEHCCU0050CM1	JEHCCU0150CM1	JEHSCU0300CM1
JEHCCU0067CM1	JEHCCU0150CM3	JEHSCU0300CM3
JEHCCU0100CM1	JEHCCU0225CM1	JEHSCU0350CM3
JEHCCU0113CM1	JEHCCU0225CM3	JEHSCU0360CM3
JEHCCU0040CM1	JEHCCU0300CM1	JEHSCU0400CM3
JEHCCU0051CM1	JEHCCU0300CM3	JEHSCU0500CM3
JEHCCU0063CM1	JEHSCU0200CM1	JEHSCU0600CM3
JEHCCU0077CM1	JEHSCU0200CM3	JEHSCU0680CM3
JEHCCU0095CM1	JEHSCU0250CM1	JEHSCU0800CM3
JEHCCU0140CM1	JEHSCU0250CM3	JEHSCU1000CM3
JEHCCU0140CM3		
JEHCCU0115CL1	JEHSCU0200CL3	JEHSCU0300CL3
JEHSCU0400CL3	JEHSCU0500CL3	JEHSCU0600CL3
JEHSCU0750CL3		



DOC/003-15(1)

DAIKIN REFRIGERATION MALAYSIA SDN. BHD. (34543-W)
Lot 10, Jalan Perusahaan 8, Kawasan Perusahaan Pekan Banting, 42700 Banting, Selangor Darul Ehsan, Malaysia.
Tel: +603-31872911 Fax: +603-31878597

Declaration of Conformity

We declare under our sole responsibility that the following products:

Refrigeration Condensing Unit

Model Designations:

JEHSCU0360CM3	JEHSCU0680CM3	JEHSCU0500CL3
JEHSCU0400CM3	JEHSCU0800CM3	JEHSCU0600CL3
JEHSCU0500CM3	JEHSCU1000CM3	JEHSCU0750CL3
JEHSCU0600CM3	JEHSCU0400CL3	

Which are containing refrigerating fluids classified in Group 2 and whose product PS*V in bar×liter is such that $200 < PS*V \leq 1000$ bar.L, are classified in category II according to article 3 of **PRESSURE EQUIPMENT DIRECTIVE 97/23/EC**.

Category: II

Evaluation module: A1

Notified body: Hartford Steam Boiler UK Limited (2561),
Unit 7, Brewery Yard, Deva City Office Park,
Trinity Way, Salford M3 7BB, United Kingdom


Technical standards and specification:

are in conformity with the **Machinery Directive 2006/42/EC**.

MD IEC/ EN 60335-1 & IEC/ EN 60335-2-89

The products are provided with a **CE** 2561 marking of conformity.

DAIKIN REFRIGERATION MALAYSIA SDN. BHD.



Teh Yeow Chong
General Manager
Issued Date: 22 March 2016

DAIKIN REFRIGERATION MALAYSIA SDN. BHD. (34543-W)
 Lot 10, Jalan Perusahaan 8, Kawasan Perusahaan Pekan Banting, 42700 Banting, Selangor Darul Ehsan, Malaysia.
 Tel: +603-31872911 Fax: +603-31878597

PED Statement for Product

Refrigeration Condensing Unit

Model Designations :

JEHCCU0050CM1	JEHCCU0077CM1	JEHCCU0225CM3	JEHSCU0300CM1
JEHCCU0067CM1	JEHCCU0095CM1	JEHCCU0300CM1	JEHSCU0300CM3
JEHCCU0100CM1	JEHCCU0140CM1	JEHCCU0300CM3	JEHSCU0350CM3
JEHCCU0113CM1	JEHCCU0140CM3	JEHSCU0200CM1	JEHCCU0115CL1
JEHCCU0040CM1	JEHCCU0150CM1	JEHSCU0200CM3	JEHSCU0200CL3
JEHCCU0051CM1	JEHCCU0150CM3	JEHSCU0250CM1	JEHSCU0300CL3
JEHCCU0063CM1	JEHCCU0225CM1	JEHSCU0250CM3	

Which are containing refrigerating fluids classified in Group 2 and classified in category I according to **PRESSURE EQUIPMENT DIRECTIVE 97/23/EC**.

The products are provided with a **CE** marking of conformity as they fulfill the following requirements:

Technical standards and specification:

are in conformity with the **Machinery Directive 2006/42/EC**.

MD IEC/ EN 60335-1 & IEC/ EN 60335-2-89

18. Addendum

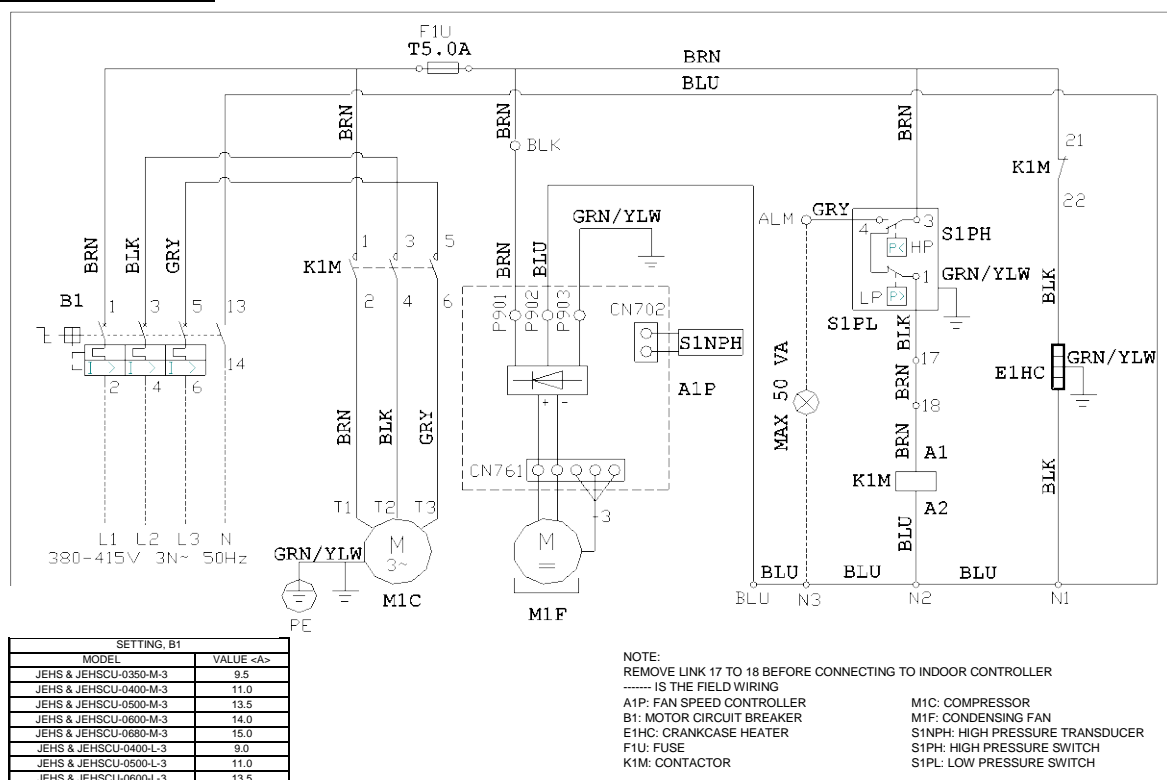
The following applies for electrical connection of following JEH code numbers:

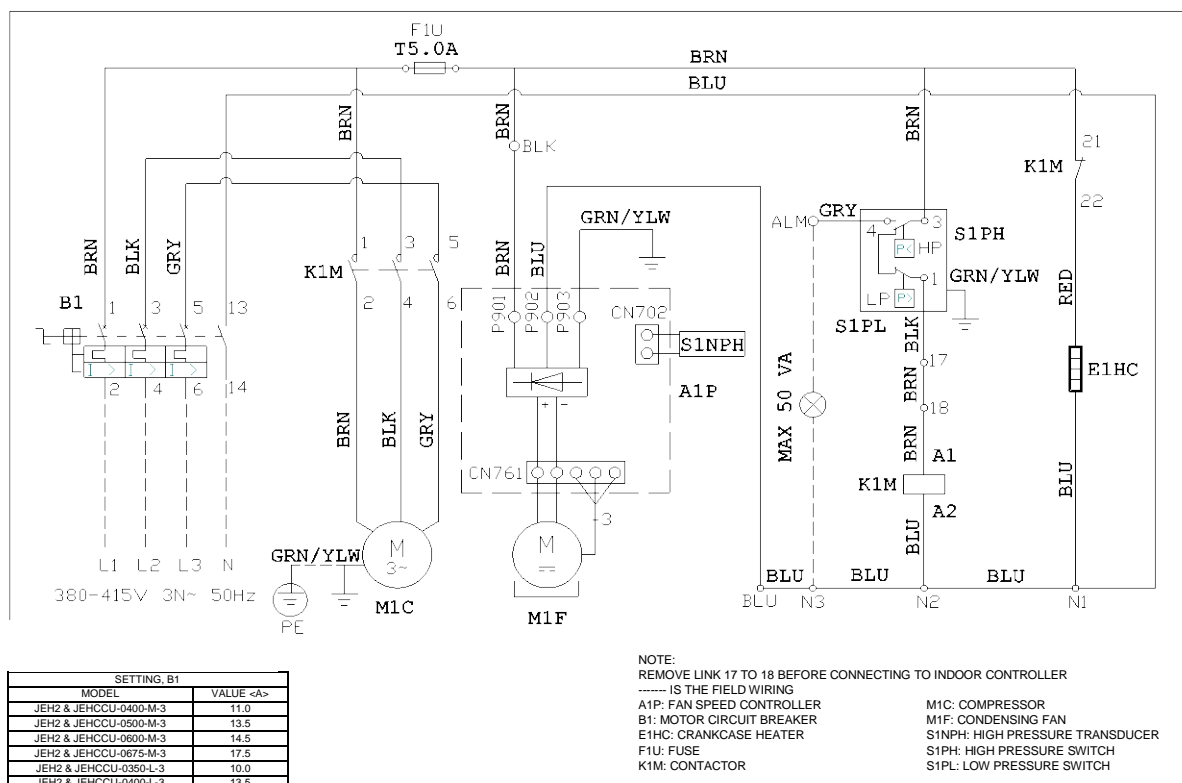
JEHSCU0350M3
JEHSCU0400M3
JEHSCU0500M3
JEHSCU0600M3
JEHSCU0680M3
JEHSCU0400L3
JEHSCU0500L3

JEHSCU0600L3
JEHCCU0400M3
JEHCCU0500M3
JEHCCU0600M3
JEHCCU0675M3
JEHCCU0350L3
JEHCCU0400L3

All above models are equipped with a DC condenser fan.

Wiring diagram



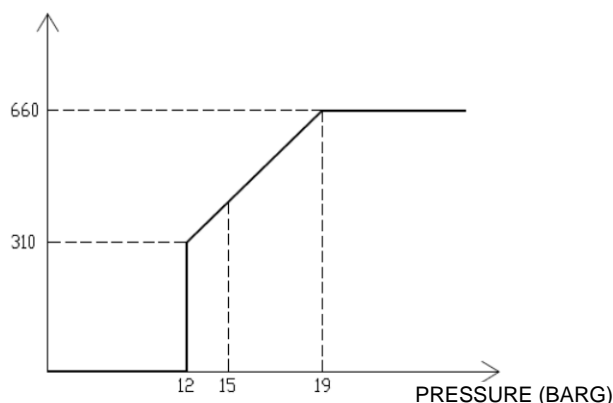


Fan drive controller setting (only applicable to DC fan)

Fan speed is regulated according to the signal received from the pressure sensor signal. The program for R404A/R407A/R407F & R134a is loaded in different EEPROM and the curve is shown below.

R404A/R407A/R407F: FAN RPM VERSUS PRESSURE (BARG)

FAN RPM

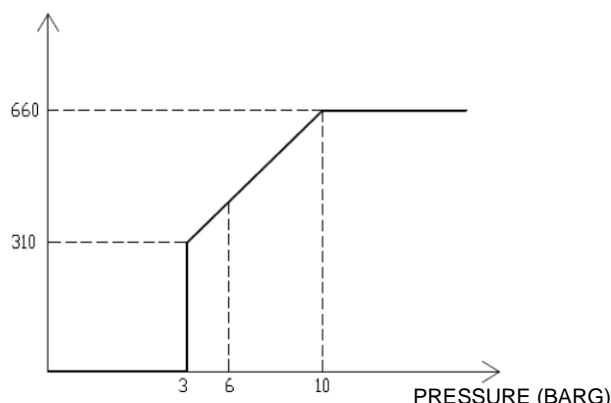


OPERATING PRESSURE

ON (BARG)	OFF (BARG)
15	12

R134a: FAN RPM VERSUS PRESSURE (BARG)

FAN RPM



OPERATING PRESSURE

ON (BARG)	OFF (BARG)
6	3

*EEPROM labeled "04EA" consists of program for R404A/R407A/R407F is the default program in fan speed controller.

* EEPROM labelled "042A" consists of program for R134a is the spare.

The fault signal

The fan controller will display signal when fault is detected.

When fault detected by LED701, it will flash with sequence 0.5s on and 0.5s off. It continues generate the signal with 2s stop interval until fault is removed.

Table below shows the signal type and its' fault:

No.	Signal	Fault
1	LED703 Steady light	Over-Voltage (Over voltage protection: default DC 380V)
2	LED702 Steady light	Over-Current (Overcurrent protection: default DC 1A)
3	LED701 Steady light	Pressure sensor fault
4	LED701 Flash 13 times	Read EEPROM data error
5	LED701 Flash 14 times	Write EEPROM data error
6	LED701 Flash 15 times	Fan A Hall Feedback error
7	LED701Flash 16 times*	Fan B Hall Feedback error

* If there was more than one fault, the LED701 will display this signal.

Installation

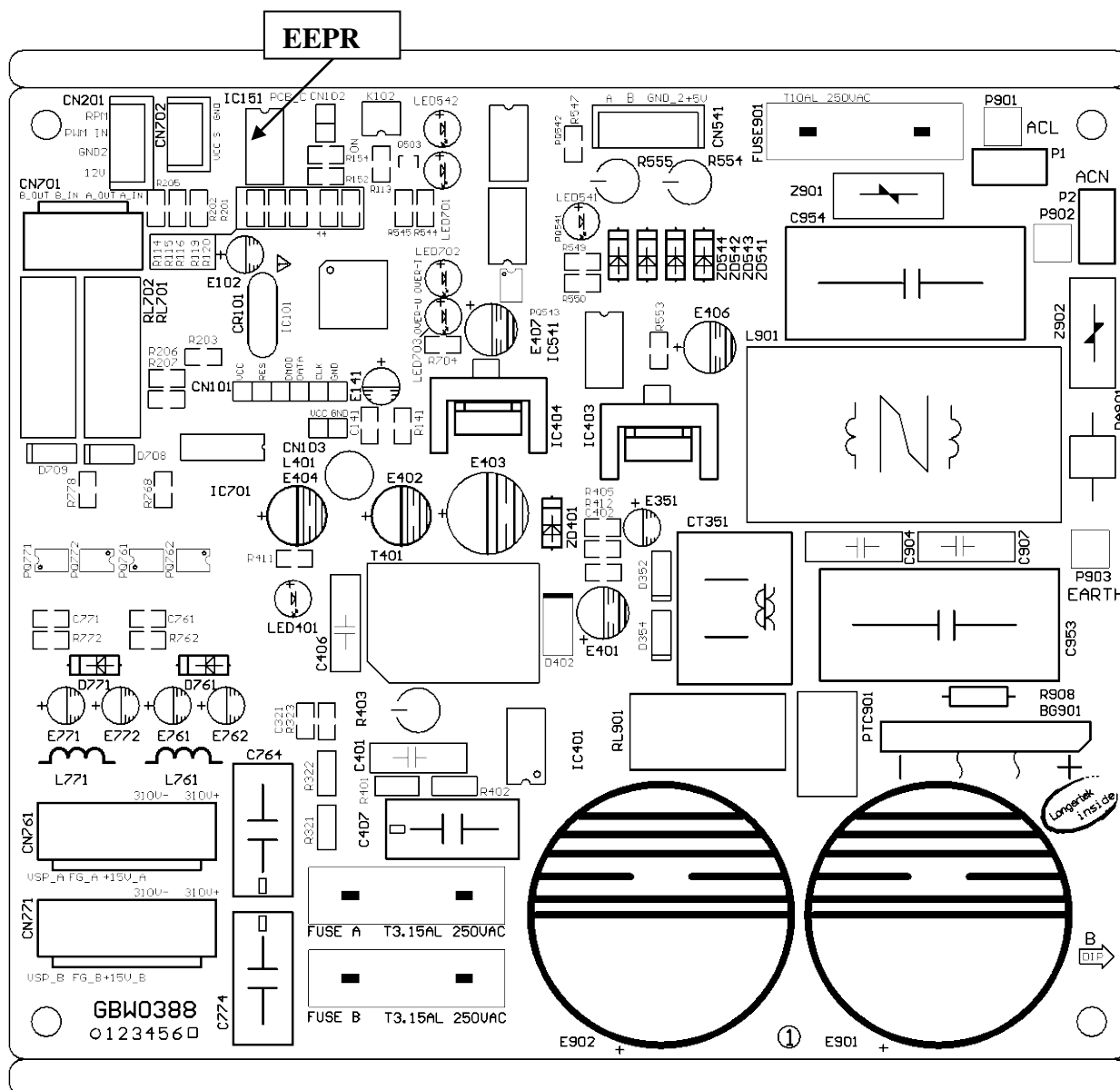
It is important to eliminate or prevent annoying static charging which may cause failure of electronics. Below are few options which may be used when handling the fan speed controller during exchanging the EEPROM:

- 1) Always use anti-static wristband or anti-static gloves. If this is not available, then below option can be used.
- 2) Always grasp an unpainted metal part of the chassis with your bare hand before you touch anything inside the fan speed controller. Do this even if you are wearing an anti-static wristband.
- 3) Always handle electronic components by a non-conducting (non-metallic) edge. Don't touch the pins or other connectors.

Routing the cables to decrease electromagnetic interference

It is recommended that the input power cable and fan speed controller power cable are installed separately. Where power cable must cross fan speed controller power cable, make sure that it is arranged at an angle as near to 90 degrees as possible.

- Ensure power supply is turned off with LED401 is turned off before changing the EEPROM.
- Failure to observe these instructions properly may result in property damage or personal injury, which may be serious depending on the circumstances.



Addendum B: F-gas

Important information regarding the refrigerant used



Its functioning relies on fluorinated greenhouse gases

- This product is factory charged with N2.
- The refrigerant system will be charged with fluorinated greenhouse gases. Do not vent gases into the atmosphere.

The GWP (Global Warming Potential) values of refrigerants which are specified for use in this equipment along with the three new thresholds for leak testing requirements based on TCO₂Eq (Tonnes CO₂ Equivalent) are as follows:

Refrigerant	GWP	Refrigerant Charge - kg		
		5T	50T	500T
		CO ₂ Eq	CO ₂ Eq	CO ₂ Eq
R404A	3921.6	1.3	12.7	127
R407A	2107	2.4	23.7	237
R407F	1824.5	2.7	27.4	274
R134a	1430	3.5	35.0	350


Please fill in with indelible ink, on the refrigerant charge label supplied with the product.

☐ The total refrigerant charge & the TCO₂ equivalent for charged refrigerant.


Tonnes CO₂ equivalent means the quantity of greenhouse gases, expressed as the product of the weight of the greenhouse gases in metric tonnes and their global warming potential.

- **Tonnes CO₂ Equivalent = kg of refrigerant charge/1000 x GWP**

The filled out label must be adhered in the proximity of the product charging port.


Contains fluorinated greenhouse gases

Ref.	GWP	Charge (kg)	CO ₂ Eq.
R404A	3921.6		
R407A	2107		
R407F	1824.5		
R134a	1430		



The periodical inspections for refrigerant leaks may be required depending on European or local legislation. Please contact your local dealer for more information.