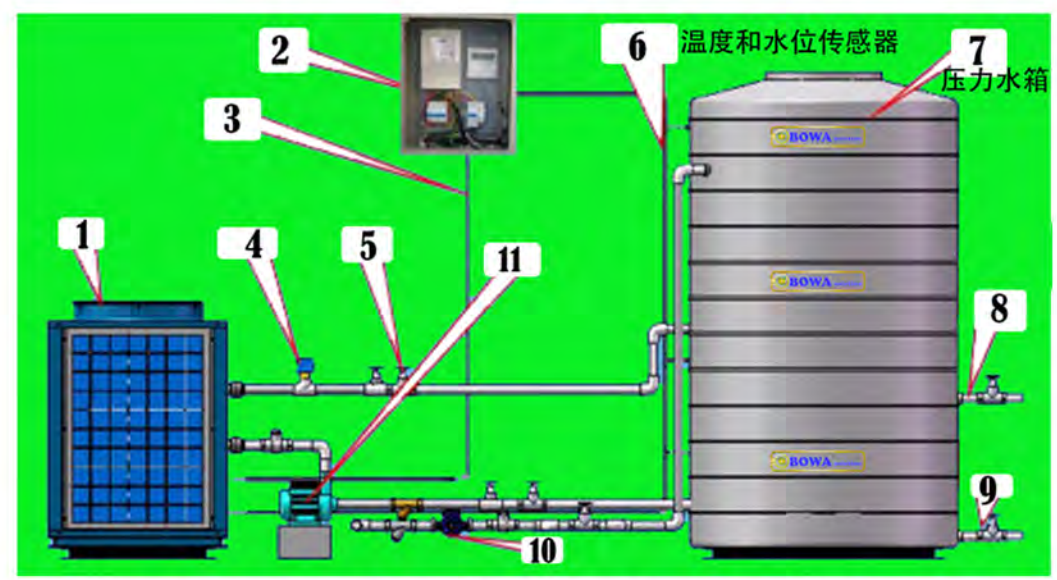
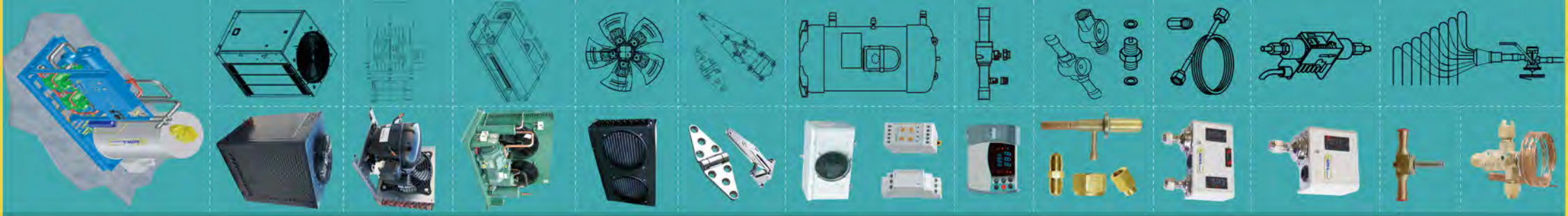
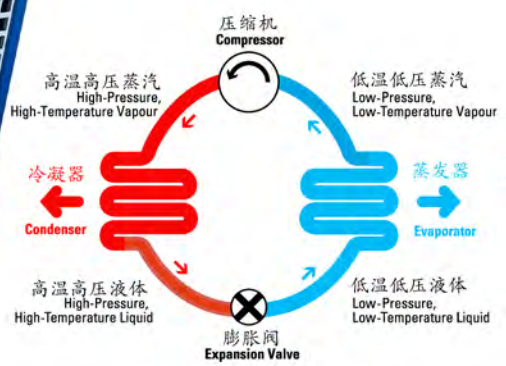


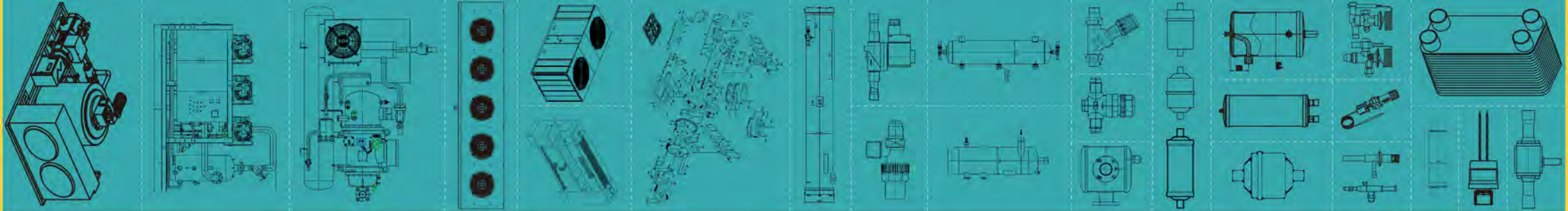


冷水机主要组成部分：压缩机，蒸发器，冷凝器，膨胀阀，从而实现了机组制冷制热效果。其性质原理是一个多功能的机器，一般使用在空调机组和工业冷却。在空调系统，冷冻水通常是供给空气末端FCU换热器或其他类型的终端设备来冷却在其各自的空间，然后冷冻水返回蒸发器再被冷却了。在工业应用，冷冻水或其它液体的载冷剂通过管路或实验室设备。

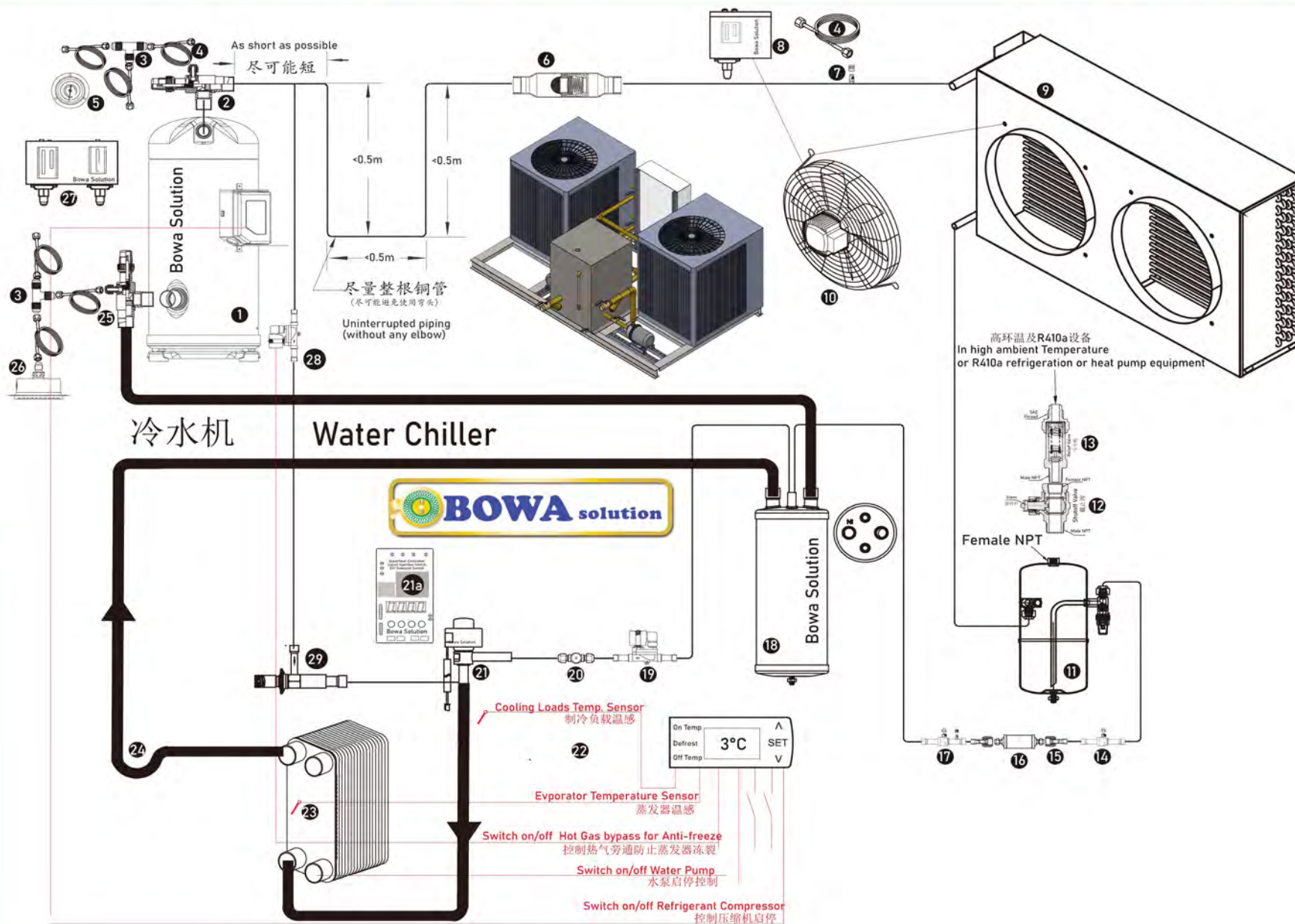


All chillers have the same basic components: evaporator, compressor, expansion device and condenser. They utilize a closed loop refrigeration circuit to cool a fluid (typically water or a water/glycol mixture). The compressor circulates the refrigerant through the closed loop, from condenser to expansion device to the evaporator and, finally back to the compressor.



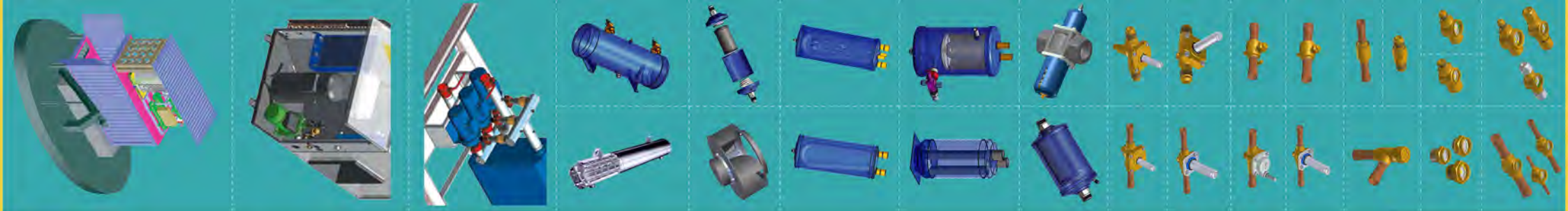


2



风冷冷水机
Air Source Water Chiller

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3

Nos. 序号	Part Name	类型 Type	Power	3.5HP Motor, 50Hz, 380~415Vac							
			Comp.	Hermetic Scroll							Hermetic Scroll
			Refrigerant	R22/R417a		R407c		R134a		R410a	
			Disp.	9.9m³/h						7m³/h	
9	冷凝器 Condenser	铜管铝箔 Tube & Fin	12KW=FHU12/33	Default	12KW=FHU12/33	Default	7.5kw=BW-2HP	Default	12KW=FHU12/33	Default	
			15KW=FHU15/42	T3	15KW=FHU15/42	T3	10kw=FHU70/28	T3	15KW=FHU15/42	T3	
		微通道 MCH	11KW=MCC11	Optional	11KW=MCC11	Optional	8KW=MCC8	Optional	11KW=MCC11	Optional	
			14KW=MCC14	optional	14KW=MCC14	optional	11KW=MCC11	optional	14KW=MCC14	optional	
21	节流阀 Throttle Valve	热力膨胀阀 TEV	SME-H-5	Standard	SME-H-5	Standard	SME-H-5	Standard	SME-H-5	Standard	
		电子膨胀阀 EEV	EEV-B1006	Premium	EEV-B1006	Premium	EEV-B1006	Premium	EEV-B1006	Premium	
冷量 Cooling Capacity			10kw				5.6KW		10kW		
23	蒸发器 Evaporator	壳管式 Tube and Shell HEX	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	
		板换 PHE	B3-020-44D	Standard	B3-020-30	Standard	B3-20-22D	Standard	B3-20-32D	Standard	
			B3-026-46D	Optional	B3-026-34D	Optional	B3-026-24D	Premium	B3-026-38	Optional	
			B3-050-22D	Premium	B3-050-16D	Premium			B3-050-18	Premium	
			套管 tube-in-tube HEX	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
		钛管 Titanium HEX	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	

基于额定工况 Basing on Rated condnons = E.T. 7.2, C.T.54.4°C, liquid temp. 46.1°C;

Premium Setup	2	角阀 shutoff valve 1/2" 排气 discharge
	25	角阀 shutoff valve 7/8" 吸气 Suction
	3	三通 TEE 黄铜 Brass 1/4" FSAE * MASE * MSAE X 2
	4	1/4"紫铜毛细管组件 Capillary with nuts & decompressor
	5	冷媒表 Pressure Gauge 低压 Low
	26	冷媒表 Pressure Gauge 高压 High
	6	CV-12单向阀 Check Valve
	7	检修阀 Charging/check Valve X 6
	8	冷凝压力开关 Condenser Fan switch
	10	4D-300 冷凝风扇 Condenser Fan (500m3/h)
	28	FDF3BG-6 热气旁通电磁阀 Hot gas bypass solenoid valve
	29	CBX6-04 热气旁通阀 Hot gas bypass valve
	11	BLR-103J 储液器 Liquid refrigerant Receiver
	14. 17	GBC-10S 截止阀 Shutoff Valve X 2
	15	J-3 直线转换接头 Straight Rotalock Joint X 2
	16	EK-163 干燥过滤器 Filter Drier
	18	BSAR2406 回热气分 heat exchanger Accumulator
	19	FDF6MG-10S 电磁阀 Solenoid Valve
	20	SG 3/8" 视镜 Sight Glass
	*	CCS-008 系统控制器 system controller

12. NPT截止阀可选 NPT shutoff Valve (R410a 必配 must select) is optional
 13. 安全阀可选 Relief Valve (R410a 必配 must select) is optional
 * 喷液冷却可选 Liquid injection is optional

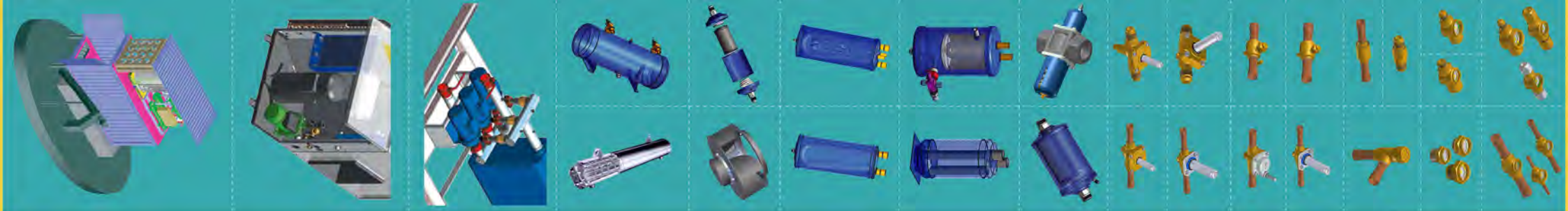
Gas	Rate	Ordering Code
R22	Premium	K07WC035H1
	Standard	K07WC035H2
R407	Premium	K07WC035N1
	Standard	K07WC035N2
R134	Premium	K07WC035M1
	Standard	K07WC035M2
R410a	Premium	K07WC035Z1
	Standard	K07WC035Z2

Standard Setup

5	冷媒表 Pressure Gauge 低压 Low
26	冷媒表 Pressure Gauge 高压 High
7	检修阀 Charging/check Valve X 6
8	冷凝压力开关 Condenser Fan switch
10	4D-300 冷凝风扇 Condenser Fan (500m3/h)
28	FDFJ060-8S 热气旁通电磁阀 Hot gas bypass solenoid valve
29	CBX6-04 热气旁通阀 Hot gas bypass valve
11	BLR-103J 储液器 Liquid refrigerant Receiver
16	EK-163 干燥过滤器 Filter Drier
18	BSAR207 回热气分 heat exchanger Accumulator
19	FDF6MG-10S 电磁阀 Solenoid Valve
20	SG 3/8" 视镜 Sight Glass
*	T508 系统控制器 system controller



风冷冷水机
Air Source Water Chiller



3

Nos. 序号	Part Name	类型 Type	Power	4HP Motor, 50Hz, 380~415Vac							
			Comp.	Hermetic Scroll						Hermetic Scroll	
			Refrigerant	R22/R417a		R407c		R134a		R410a	
			Disp.	11.6 m³/h						8m³/h	
9	冷凝器 Condenser	铜管铝箔 Tube & Fin	15KW=FHU15/42	Default	15KW=FHU15/42	Default	10kw=FHU10/28	Default	15KW=FHU15/42	Default	
			18KW=FHU18/50	T3	18KW=FHU18/50	T3	12kw=FHU12/33	T3	18KW=FHU18/50	T3	
		微通道 MCH	11KW=MCC14	Optional	11KW=MCC11	Optional	8KW-MCC8	Optional	11KW=MCC11	Optional	
			14KW=MCC19	optional	14KW=MCC14	optional	11KW=MCC11	optional	14KW=MCC19	optional	
21	节流阀 Throttle Valve	热力膨胀阀 TEV	SME-H-5	Standard	SME-H-5	Standard	SME-H-5	Standard	SME-H-5	Standard	
		电子膨胀阀 EEV	EEV-B1006	Premium	EEV-B1006	Premium	EEV-B1006	Premium	EEV-B1006	Premium	
冷量 Cooling Capacity			12kw				6.9KW		11.7kW		
23	蒸发器 Evaporator	壳管式 Tube and Shell HEX	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	
		板换 PHE	B3-020-52D	Standard	B3-020-36	Standard	B3-20-32D	Standard	B3-20-32D	Standard	
			B3-026-54D	Optional	B3-026-42D	Optional	B3-026-34D	Optional	B3-026-38	Optional	
			B3-050-26D	Premium	B3-050-20D	Premium	B3-050-18D	Premium	B3-050-18	Premium	
		套管 tube-in-tube HEX	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	
		钛管 Titanium HEX	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	

Premium Setup

2	角阀 shutoff valve 1/2" 排气 discharge
25	角阀 shutoff valve 7/8" 吸气 Suction
3	三通 TEE 黄铜 Brass 1/4" FSAE * MASE * MSAE X 2
4	1/4" 紫铜毛细管组件 Capillary with nuts & decompressor
5	冷媒表 Pressure Gauge 低压 Low
26	冷媒表 Pressure Gauge 高压 High
6	CV-12 单向阀 Check Valve
7	检修阀 Charging/check Valve X 6
8	冷凝压力开关 Condenser Fan switch
10	4D450 冷凝风扇 Condenser Fan (5000m3/h)
28	FDF3BG-6 热气旁通电磁阀 Hot gas bypass solenoid valve
29	CBX6-04 热气旁通阀 Hot gas bypass valve
11	BLR-103J 储液器 Liquid refrigerant Receiver
14, 17	GBC-10S 截止阀 Shutoff Valve X 2
15	J-3 直线转换接头 Straight Rotolock Joint X 2
16	EK-163 干燥过滤器 Filter Drier
18	BSAR2406 回热气分 heat exchanger Accumulator
19	FDF6MG-10S 电磁阀 Solenoid Valve
20	SG 3/8" 视镜 Sight Glass
*	CCS-008 系统控制器 system controller

12. NPT截止阀可选 NPT shutoff Valve (R410a 必配 must select) is optional
 13. 安全阀可选 Relief Valve (R410a 必配 must select) is optional
 * 喷液冷却可选 Liquid injection is optional

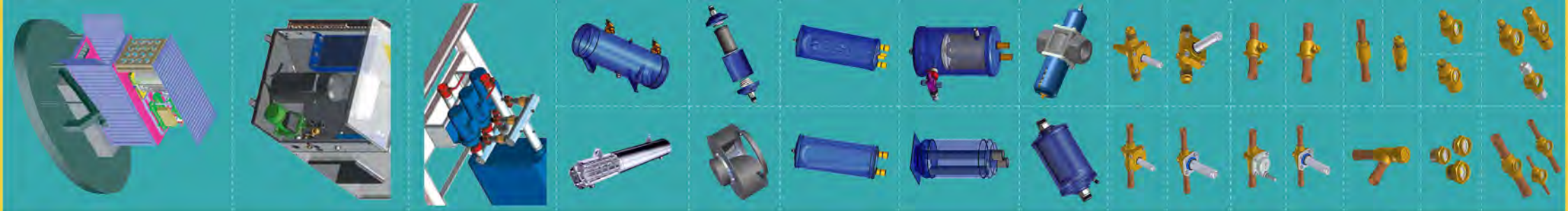
Gas	Rate	Ordering Code
R22	Premium	K07WC040H1
	Standard	K07WC040H2
R407	Premium	K07WC040N1
	Standard	K07WC040N2
R134	Premium	K07WC040M1
	Standard	K07WC040M2
R410a	Premium	K07WC040Z1
	Standard	K07WC040Z2

Standard Setup

5	冷媒表 Pressure Gauge 低压 Low
26	冷媒表 Pressure Gauge 高压 High
7	检修阀 Charging/check Valve X 6
8	冷凝压力开关 Condenser Fan switch
10	4D450 冷凝风扇 Condenser Fan (5000m3/h)
28	FDFJ060-8S 热气旁通电磁阀 Hot gas bypass solenoid valve
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19	FDF6MG-10S 电磁阀 Solenoid Valve
20	SG 3/8" 视镜 Sight Glass
*	T508 系统控制器 system controller

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风冷冷水机
Air Source Water Chiller



3

Nos. 序号	Part Name	类型 Type	Power	4.5HP Motor, 50Hz, 380~415Vac							
			Comp.	Hermetic Scroll						Hermetic Scroll	
			Refrigerant	R22/R417a		R407c		R134a		R410a	
			Disp.	13.4 m³/h						9m³/h	
9	冷凝器 Condenser	铜管铝箔 Tube & Fin	18KW=FHU18/50	Default	18KW=FHU18/50	Default	12kw=FHU12/33	Default	18KW=FHU18/50	Default	
			21KW=FHU18/60	T3	21KW=FHU18/60	T3	15kw=FHU15/42	T3	21KW=FHU18/60	T3	
		微通道 MCH	19KW=MCC19	Optional	11KW=MCC11	Optional	8KW-MCC8	Optional	11KW=MCC11	Optional	
			24KW=MCC24	optional	14KW=MCC14	optional	11KW=MCC11	optional	24KW=MCC24	optional	
21	节流阀 Throttle Valve	热力膨胀阀 TEV	SME-H-5	Standard	SME-H-5	Standard	SME-H-5	Standard	SME-H-5	Standard	
		电子膨胀阀 EEV	EEV-B1006	Premium	EEV-B1006	Premium	EEV-B1006	Premium	EEV-B1006	Premium	
冷量 Cooling Capacity			13.5kw				8.2KW		13kW		
23	蒸发器 Evaporator	壳管式 Tube and Shell HEX	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	
		板换 PHE	B3-020-56D	Standard	B3-020-38	Standard	B3-20-36D	Standard	B3-20-42D	Standard	
			B3-026-60D	Optional	B3-026-44	Optional	B3-026-38D	Optional	B3-026-50	Optional	
			B3-050-28D	Premium	B3-050-20D	Premium	B3-050-20D	Premium	B3-050-22	Premium	
		套管 tube-in-tube HEX	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	
		钛管 Titanium HEX	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	

2	角阀 shutoff valve 1/2" 排气 discharge
25	角阀 shutoff valve 7/8" 吸气 Suction
3	三通 TEE 黄铜 Brass 1/4" FSAE * MASE * MSAE X 2
4	1/4" 紫铜毛细管组件 Capillary with nuts & decompressor
5	冷媒表 Pressure Gauge 低压 Low
26	冷媒表 Pressure Gauge 高压 High
6	CV-12 单向阀 Check Valve
7	检修阀 Charging/check Valve X 6
8	冷凝压力开关 Condenser Fan switch
10	4D450 冷凝风扇 Condenser Fan (5000m3/h)
28	FDF3BG-6 热气旁通电磁阀 Hot gas bypass solenoid valve
29	CBX6-04 热气旁通阀 Hot gas bypass valve
11	BLR-103J 储液器 Liquid refrigerant Receiver
14, 17	GBC-10S 截止阀 Shutoff Valve X 2
15	J-3 直线转换接头 Straight Rotalock Joint X 2
16	EK-163 干燥过滤器 Filter Drier
18	BSAR2406 回热气分 heat exchanger Accumulator
19	FDF8MG-10S 电磁阀 Solenoid Valve
20	SG 3/8" 视镜 Sight Glass
*	CCS-008 系统控制器 system controller

12. NPT截止阀可选 NPT shutoff Valve (R410a 必配 must select) is optional
 13. 安全阀可选 Relief Valve (R410a 必配 must select) is optional
 * 喷液冷却可选 Liquid injection is optional

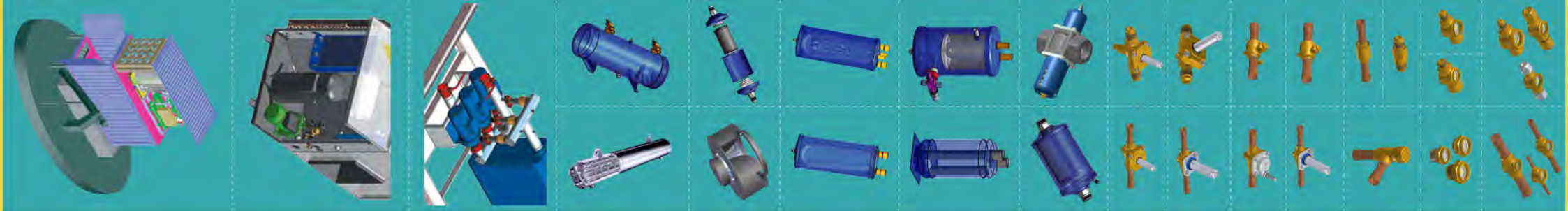
Gas	Rate	Ordering Code
R22	Premium	K07WC045H1
	Standard	K07WC045H2
R407	Premium	K07WC045N1
	Standard	K07WC045N2
R134	Premium	K07WC045M1
	Standard	K07WC045M2
R410a	Premium	K07WC045Z1
	Standard	K07WC045Z2

Standard Setup

5	冷媒表 Pressure Gauge 低压 Low
26	冷媒表 Pressure Gauge 高压 High
7	检修阀 Charging/check Valve X 6
8	冷凝压力开关 Condenser Fan switch
10	4D450 冷凝风扇 Condenser Fan (5000m3/h)
28	FDFJ060-8S 热气旁通电磁阀 Hot gas bypass solenoid valve
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20	SG 3/8" 视镜 Sight Glass
*	T508 系统控制器 system controller



风冷冷水机
Air Source Water Chiller



3

Nos. 序号	Part Name	类型 Type	Power	5HP Motor, 50Hz, 380~415Vac							
			Comp.	Hermetic Scroll						Hermetic Scroll	
			Refrigerant	R22/R417a		R407c		R134a		R410a	
			Disp.	14.8 m³/h						9.9m³/h	
9	冷凝器 Condenser	铜管铝箔 Tube & Fin	18KW=FHU18/50	Default	18KW=FHU18/50	Default	12kw=FHU12/33	Default	18KW=FHU18/50	Default	
			21KW=FHU18/60	T3	21KW=FHU18/60	T3	15kw=FHU15/42	T3	21KW=FHU18/60	T3	
		微通道 MCH	19KW=MCC19	Optional	11KW=MCC11	Optional	8KW-MCC8	Optional	11KW=MCC11	Optional	
			24KW=MCC24	optional	14KW=MCC14	optional	11KW=MCC11	optional	24KW=MCC24	optional	
21	节流阀 Throttle Valve	热力膨胀阀 TEV	SME-H-5	Standard	SME-H-5	Standard	SME-H-5	Standard	SME-H-5	Standard	
		电子膨胀阀 EEV	EEV-B1006	Premium	EEV-B1006	Premium	EEV-B1006	Premium	EEV-B1006	Premium	
冷量 Cooling Capacity			14.7kw				9.2KW		14.1kW		
23	蒸发器 Evaporator	壳管式 Tube and Shell HEX	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	
		板换 PHE	B3-020-62D	Standard	B3-020-42D	Standard	B3-20-36D	Standard	B3-20-46D	Standard	
			B3-026-64D	Optional	B3-026-48	Optional	B3-026-38D	Optional	B3-026-54D	Optional	
			B3-050-30D	Premium	B3-050-22D	Premium	B3-050-20D	Premium	B3-050-24D	Premium	
		套管 tube-in-tube HEX	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	
		钛管 Titanium HEX	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	

2	角阀 shutoff valve 1/2" 排气 discharge
25	角阀 shutoff valve 7/8" 吸气 Suction
3	三通 TEE 黄铜 Brass 1/4" FSAE * MASE * MSAE X 2
4	1/4" 紫铜毛细管组件 Capillary with nuts & decompressor
5	冷媒表 Pressure Gauge 低压 Low
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10	4D450 冷凝风扇 Condenser Fan (5000m3/h)
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14, 17	GBC-10S 截止阀 Shutoff Valve X 2
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16	EK-163 干燥过滤器 Filter Drier
18	BSAR2406 回热气分 heat exchanger Accumulator
19	FDF8MG-10S 电磁阀 Solenoid Valve
20	SG 3/8" 视镜 Sight Glass
*	CCS-008 系统控制器 system controller

12. NPT截止阀可选 NPT shutoff Valve (R410a 必配 must select) is optional
 13. 安全阀可选 Relief Valve (R410a 必配 must select) is optional
 * 喷液冷却可选 Liquid injection is optional

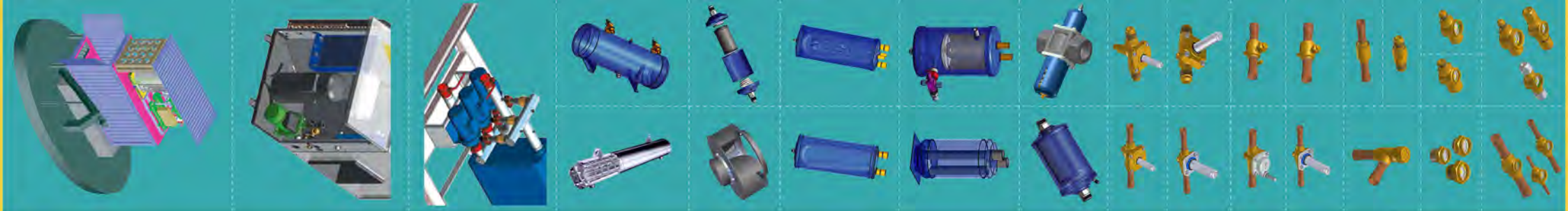
Gas	Rate	Ordering Code
R22	Premium	K07WC050H1
	Standard	K07WC050H2
R407	Premium	K07WC050N1
	Standard	K07WC050N2
R134	Premium	K07WC050M1
	Standard	K07WC050M2
R410a	Premium	K07WC050Z1
	Standard	K07WC050Z2

Standard Setup

5	冷媒表 Pressure Gauge 低压 Low
26	冷媒表 Pressure Gauge 高压 High
7	检修阀 Charging/check Valve X 6
8	冷凝压力开关 Condenser Fan switch
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20	SG 3/8" 视镜 Sight Glass
*	T508 系统控制器 system controller



风冷冷水机
Air Source Water Chiller



3

Nos. 序号	Part Name	类型 Type	Power	6HP Motor, 50Hz, 380~415Vac							
			Comp.	Hermetic Scroll				Hermetic Scroll			
			Refrigerant	R22/R417a		R407c		R134a		R410a	
			Disp.	17.7 m³/h						11.8m³/h	
9	冷凝器 Condenser	铜管铝箔 Tube & Fin	21KW=FHU21/60	Default	21KW=FHU21/60	Default	15kw=FHU15/42	Default	21KW=FHU21/60	Default	
			25KW=FHU25/70	T3	25KW=FHU25/70	T3	18kw=FHU18/50	T3	25KW=FHU25/70	T3	
		微通道 MCH	19KW=MCC19	Optional	11KW=MCC11	Optional	8KW-MCC8	Optional	11KW=MCC11	Optional	
			24KW=MCC24	optional	14KW=MCC14	optional	11KW=MCC11	optional	24KW=MCC24	optional	
21	节流阀 Throttle Valve	热力膨胀阀 TEV	SME-H-5	Standard	SME-H-5	Standard	SME-H-5	Standard	SME-H-5	Standard	
		电子膨胀阀 EEV	EEV-B1006	Premium	EEV-B1006	Premium	EEV-B1006	Premium	EEV-B1006	Premium	
冷量 Cooling Capacity			17.7kw		17.6kw		11KW		16.8kW		
23	蒸发器 Evaporator	壳管式 Tube and Shell HEX	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	
		板换 PHE	B3-050-30D	Standard	B3-020-50D	Standard	B3-20-46D	Standard	B3-20-54D	Standard	
			B3-050-30D	Optional	B3-026-56D	Optional	B3-026-48D	Optional	B3-026-64D	Optional	
			B3-050-30D	Premium	B3-050-26D	Premium	B3-050-22D	Premium	B3-050-28D	Premium	
		套管 tube-in-tube HEX	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	
		钛管 Titanium HEX	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	



2	角阀 shutoff valve 1/2" 排气 discharge
25	角阀 shutoff valve 7/8" 吸气 Suction
3	三通 TEE 黄铜 Brass 1/4" FSAE * MASE * MSAE X 2
4	1/4" 紫铜毛细管组件 Capillary with nuts & decompressor
5	冷媒表 Pressure Gauge 低压 Low
26	冷媒表 Pressure Gauge 高压 High
6	CV-12 单向阀 Check Valve
7	检修阀 Charging/check Valve X 6
8	冷凝压力开关 Condenser Fan switch
10	4D550 冷凝风扇 Condenser Fan (5000m3/h)
28	FDF6MG-10 热气旁通电磁阀 Hot gas bypass solenoid valve
29	CBX6-04 热气旁通阀 Hot gas bypass valve
11	BLR-104J 储液器 Liquid refrigerant Receiver
14, 17	GBC-12S 截止阀 Shutoff Valve X 2
15	J-4 直线转换接头 Straight Rotalock Joint X 2
16	EK-164 干燥过滤器 Filter Drier
18	BSAR2407 回热气分 heat exchanger Accumulator
19	FDF8MG-12S 电磁阀 Solenoid Valve
20	SG 1/2" 视镜 Sight Glass
*	CCS-008 系统控制器 system controller

12. NPT截止阀可选 NPT shutoff Valve (R410a 必配 must select) is optional
 13. 安全阀可选 Relief Valve (R410a 必配 must select) is optional
 * 喷液冷却可选 Liquid injection is optional

Gas	Rate	Ordering Code
R22	Premium	K07WC060H1
	Standard	K07WC060H2
R407	Premium	K07WC060N1
	Standard	K07WC060N2
R134	Premium	K07WC060M1
	Standard	K07WC060M2
R410a	Premium	K07WC060Z1
	Standard	K07WC060Z2

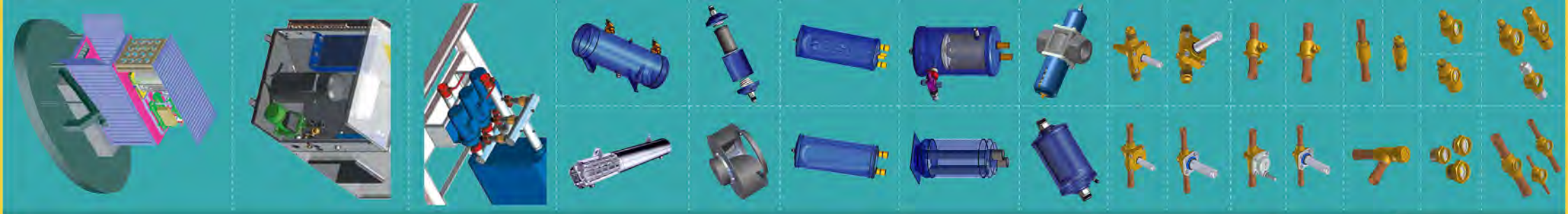
Standard Setup

5	冷媒表 Pressure Gauge 低压 Low
26	冷媒表 Pressure Gauge 高压 High
7	检修阀 Charging/check Valve X 6
8	冷凝压力开关 Condenser Fan switch
10	4D450 冷凝风扇 Condenser Fan (5000m3/h)
28	FDFJ080-10S 热气旁通电磁阀 Hot gas bypass solenoid valve
29	CBX6-04 热气旁通阀 Hot gas bypass valve
11	BLR-104J 储液器 Liquid refrigerant Receiver
16	EK-164 干燥过滤器 Filter Drier
18	BSA207 回热气分 heat exchanger Accumulator
19	FDF8MG-12S 电磁阀 Solenoid Valve
20	SG 1/2" 视镜 Sight Glass
*	T508 系统控制器 system controller

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Premium Setup

风冷冷水机
Air Source Water Chiller



3

Nos. 序号	Part Name	类型 Type	Power	7HP Motor, 50Hz, 380~415Vac								
			Comp.	Hermetic Scroll					Hermetic Scroll			
			Refrigerant	R22/R417a		R407c		R134a		R410a		
			Disp.	19.2 m³/h							13.7m³/h	
9	冷凝器 Condenser	铜管铝箔 Tube & Fin	25KW=FHU25/70	Default	25KW=FHU25/70	Default	15kw=FHU15/42	Default	25KW=FHU25/70	Default		
			28KW=FHU28/80	T3	28KW=FHU28/80	T3	18kw=FHU18/50	T3	28KW=FHU28/80	T3		
		微通道 MCH	24KW=MCC24	Optional	24KW=MCC24	Optional	19KW-MCC19	Optional	24KW=MCC24	Optional		
			30KW=MCC30	optional	30KW=MCC30	optional	24KW=MCC24	optional	30KW=MCC30	optional		
21	节流阀 Throttle Valve	热力膨胀阀 TEV	CRTE-11	Standard	CRTE-11	Standard	CRTE-11	Standard		Standard		
		电子膨胀阀 EEV	EEV-B1007	Premium	EEV-B1007	Premium	EEV-B1007	Premium	EEV-B1007	Premium		
冷量 Cooling Capacity			19.2kw		19.5kw		12.1KW		19.2kW			
23	蒸发器 Evaporator	壳管式 Tube and Shell HEX	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional		
		板换 PHE	B3-050-38D	Standard	B3-050-28D	Standard	B3-20-54D	Standard	B3-050-32D	Standard		
			B3-050-38D	Optional	B3-050-28D	Optional	B3-026-56D	Optional	B3-050-32D	Optional		
			B3-050-38D	Premium	B3-050-28D	Premium	B3-050-28D	Premium	B3-050-32D	Premium		
		套管 tube-in-tube HEX	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional		
		钛管 Titanium HEX	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional		



2	角阀 shutoff valve 1/2" 排气 discharge
25	角阀 shutoff valve 7/8" 吸气 Suction
3	三通 TEE 黄铜 Brass 1/4" FSAE * MASE * MSAE X 2
4	1/4" 铜毛细管组件 Capillary with nuts & decompressor
5	冷媒表 Pressure Gauge 低压 Low
26	冷媒表 Pressure Gauge 高压 High
6	CV-12 单向阀 Check Valve
7	检修阀 Charging/check Valve X 6
8	冷凝压力开关 Condenser Fan switch
10	4D550 冷凝风扇 Condenser Fan (5000m3/h)
28	FDF6MG-10 热气旁通电磁阀 Hot gas bypass solenoid valve
29	CBX6-04 热气旁通阀 Hot gas bypass valve
11	BLR-104J 储液器 Liquid refrigerant Receiver
14, 17	GBC-12S 截止阀 Shutoff Valve X 2
15	J-4 直线转换接头 Straight Rotalock Joint X 2
16	EK-164 干燥过滤器 Filter Drier
18	BSAR2407 回热气分 heat exchanger Accumulator
19	FDF8MG-12S 电磁阀 Solenoid Valve
20	SG 1/2" 视镜 Sight Glass
*	CCS-008 系统控制器 system controller

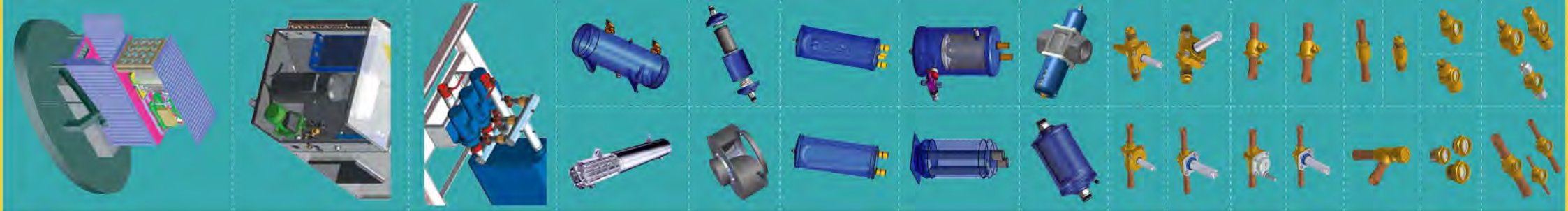
12. NPT截止阀可选 NPT shutoff Valve (R410a 必配 must select) is optional
 13. 安全阀可选 Relief Valve (R410a 必配 must select) is optional
 * 喷液冷却可选 Liquid injection is optional

Gas	Rate	Ordering Code
R22	Premium	K07WC070H1
	Standard	K07WC070H2
R407	Premium	K07WC070N1
	Standard	K07WC070N2
R134	Premium	K07WC070M1
	Standard	K07WC070M2
R410a	Premium	K07WC070Z1
	Standard	K07WC070Z2

Standard Setup

5	冷媒表 Pressure Gauge 低压 Low
26	冷媒表 Pressure Gauge 高压 High
7	检修阀 Charging/check Valve X 6
8	冷凝压力开关 Condenser Fan switch
10	4D550 冷凝风扇 Condenser Fan (5000m3/h)
28	FDFJ080-10S 热气旁通电磁阀 Hot gas bypass solenoid valve
29	CBX6-04 热气旁通阀 Hot gas bypass valve
11	BLR-104J 储液器 Liquid refrigerant Receiver
16	EK-164 干燥过滤器 Filter Drier
18	BSA207 回热气分 heat exchanger Accumulator
19	FDF8MG-12S 电磁阀 Solenoid Valve
20	SG 1/2" 视镜 Sight Glass
*	T508 系统控制器 system controller

风冷冷水机
Air Source Water Chiller



3

Nos. 序号	Part Name	类型 Type	Power	7.5HP Motor, 50Hz, 380~415Vac							
			Comp.	Hermetic Scroll				Hermetic Scroll			
			Refrigerant	R22/R417a		R407c		R134a		R410a	
			Disp.	23.3 m³/h						15.8m³/h	
9	冷凝器 Condenser	铜管铝箔 Tube & Fin	25KW=FHU25/70	Default	25KW=FHU25/70	Default	15kw=FHU15/42	Default	25KW=FHU25/70	Default	
			25KW=FHU28/80	T3	25KW=FHU28/80	T3	18kw=FHU18/50	T3	25KW=FHU28/80	T3	
		微通道 MCH	24KW=MCC24	Optional	24KW=MCC24	Optional	8KW=MCC8	Optional	24KW=MCC24	Optional	
			30KW=MCC30	optional	14KW=MCC14	optional	11KW=MCC11	optional	30KW=MCC30	optional	
21	节流阀 Throttle Valve	热力膨胀阀 TEV	CRTE-12	Standard	CRTE-12	Standard	CRTE-12	Standard		Standard	
		电子膨胀阀 EEV	EEV-B1008	Premium	EEV-B1008	Premium	EEV-B1008	Premium	EEV-B1008	Premium	
冷量 Cooling Capacity			23.6kw		23.6kw		14.5KW		22.4kW		
23	蒸发器 Evaporator	壳管式 Tube and Shell HEX	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	
		板换 PHE	B3-050-42D	Standard	B3-050-32D	Standard	B3-20-64D	Standard	B3-050-34D	Standard	
			B3-050-42D	Optional	B3-050-32D	Optional	B3-026-66D	Optional	B3-050-34D	Optional	
			B3-050-42D	Premium	B3-050-32D	Premium	B3-050-32D	Premium	B3-050-34D	Premium	
		套管 tube-in-tube HEX	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	
		钛管 Titanium HEX	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	



Premium Setup

2	角阀 shutoff valve 1/2" 排气 discharge
25	角阀 shutoff valve 7/8" 吸气 Suction
3	三通 TEE 黄铜 Brass 1/4" FSAE * MASE * MSAE X 2
4	1/4" 紫铜毛细管组件 Capillary with nuts & decompressor
5	冷媒表 Pressure Gauge 低压 Low
26	冷媒表 Pressure Gauge 高压 High
6	CV-12 单向阀 Check Valve
7	检修阀 Charging/check Valve X 6
8	冷凝压力开关 Condenser Fan switch
10	4D550 冷凝风扇 Condenser Fan (5000m3/h)
28	FDF6MG-10 热气旁通电磁阀 Hot gas bypass solenoid valve
29	CBX6-04 热气旁通阀 Hot gas bypass valve
11	BLR-104J 储液器 Liquid refrigerant Receiver
14, 17	GBC-12S 截止阀 Shutoff Valve X 2
15	J-4 直线转换接头 Straight Rotalock Joint X 2
16	EK-164 干燥过滤器 Filter Drier
18	BSAR2407 回热气分 heat exchanger Accumulator
19	FDF8MG-12S 电磁阀 Solenoid Valve
20	SG 1/2" 视镜 Sight Glass
*	CCS-008 系统控制器 system controller

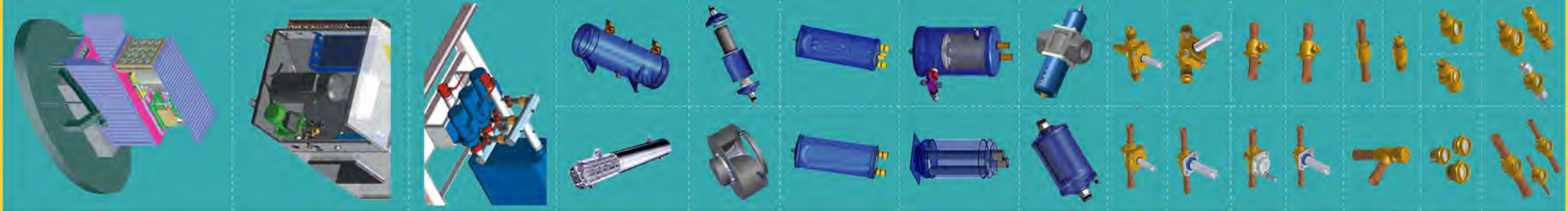
12. NPT截止阀可选 NPT shutoff Valve (R410a 必配 must select) is optional
 13. 安全阀可选 Relief Valve (R410a 必配 must select) is optional
 * 喷液冷却可选 Liquid injection is optional

Gas	Rate	Ordering Code
R22	Premium	K07WC075H1
	Standard	K07WC075H2
R407	Premium	K07WC075N1
	Standard	K07WC075N2
R134	Premium	K07WC075M1
	Standard	K07WC075M2
R410a	Premium	K07WC075Z1
	Standard	K07WC075Z2

Standard Setup

5	冷媒表 Pressure Gauge 低压 Low
26	冷媒表 Pressure Gauge 高压 High
7	检修阀 Charging/check Valve X 6
8	冷凝压力开关 Condenser Fan switch
10	4D550 冷凝风扇 Condenser Fan (5000m3/h)
28	FDFJ080-10S 热气旁通电磁阀 Hot gas bypass solenoid valve
29	CBX6-04 热气旁通阀 Hot gas bypass valve
11	BLR-104J 储液器 Liquid refrigerant Receiver
16	EK-164 干燥过滤器 Filter Drier
18	BSA207 回热气分 heat exchanger Accumulator
19	FDF8MG-12S 电磁阀 Solenoid Valve
20	SG 1/2" 视镜 Sight Glass
*	T508 系统控制器 system controller

风冷冷水机
Air Source Water Chiller



3

Nos. 序号	Part Name	类型 Type	Power	8HP Motor, 50Hz, 380~415Vac							
			Comp.	Hermetic Scroll						Hermetic Scroll	
			Refrigerant	R22/R417a		R407c		R134a		R410a	
			Disp.	24.3 m³/h						15.8m³/h	
9	冷凝器 Condenser	铜管铝箔 Tube & Fin	28KW=FHU28/80	Default	28KW=FHU28/80	Default	18kw=FHU15/42	Default	28KW=FHU28/80	Default	
			31KW=FHU31/90	T3	31KW=FHU31/90	T3	21kw=FHU18/50	T3	31KW=FHU31/90	T3	
		微通道 MCH	30KW=MCC30	Optional	30KW=MCC30	Optional	24KW-MCC24	Optional	30KW=MCC30	Optional	
			41KW=MCC41	optional	14KW=MCC14	optional	30KW=MCC24	optional	41KW=MCC41	optional	
21	节流阀 Throttle Valve	热力膨胀阀 TEV	CRTE-12	Standard	CRTE-12	Standard	CRTE-12	Standard		Standard	
		电子膨胀阀 EEV	EEV-B1008	Premium	EEV-B1008	Premium	EEV-B1008	Premium	EEV-B1008	Premium	
冷量 Cooling Capacity			24.5kw		24.5kw		15KW		22.4kW		
23	蒸发器 Evaporator	壳管式 Tube and Shell HEX	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	
		板换 PHE	B3-050-48D	Standard	B3-050-34D	Standard	B3-20-64D	Standard	B3-050-34D	Standard	
			n/a	Optional	n/a	Optional	B3-026-66D	Optional	B3-050-34D	Optional	
			B3-095-30D	Premium	B3-095-24D	Premium	B3-050-32D	Premium	B3-050-34D	Premium	
			套管 tube-in-tube HEX	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
		钛管 Titanium HEX	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	



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Premium Setup

2	角阀 shutoff valve 1/2" 排气 discharge
25	角阀 shutoff valve 7/8" 吸气 Suction
3	三通 TEE 黄铜 Brass 1/4" FSAE * MASE * MSAE X 2
4	1/4" 紫铜毛细管组件 Capillary with nuts & decompressor
5	冷媒表 Pressure Gauge 低压 Low
26	冷媒表 Pressure Gauge 高压 High
6	CV-16 单向阀 Check Valve
7	检修阀 Charging/check Valve X 6
8	冷凝压力开关 Condenser Fan switch
10	4D450 冷凝风扇 Condenser Fan (10000m3/h)
28	FDF6MG-10 热气旁通电磁阀 Hot gas bypass solenoid valve
29	CBX6-04 热气旁通阀 Hot gas bypass valve
11	BLR-104J 储液器 Liquid refrigerant Receiver
14, 17	GBC-12S 截止阀 Shutoff Valve X 2
15	J-4 直线转换接头 Straight Rotalock Joint X 2
16	EK-164 干燥过滤器 Filter Drier
18	BSAR2407 回热气分 heat exchanger Accumulator
19	FDF8MG-12S 电磁阀 Solenoid Valve
20	SG 1/2" 视镜 Sight Glass
*	CCS-008 系统控制器 system controller

12. NPT截止阀可选 NPT shutoff Valve (R410a 必配 must select) is optional
 13. 安全阀可选 Relief Valve (R410a 必配 must select) is optional
 * 喷液冷却可选 Liquid injection is optional

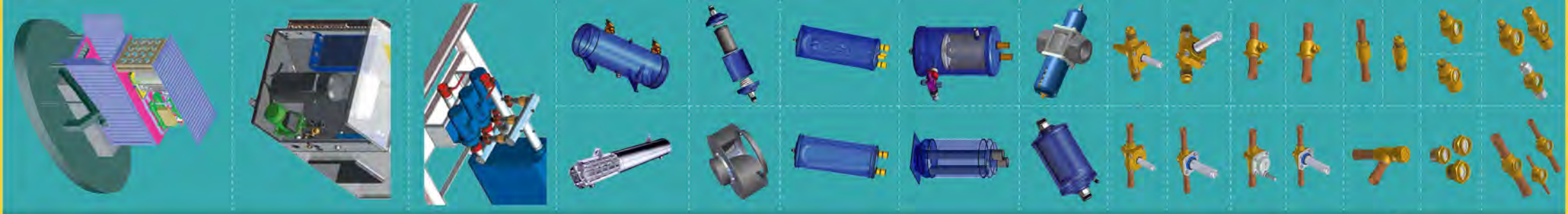
Gas	Rate	Ordering Code
R22	Premium	K07WC080H1
	Standard	K07WC080H2
R407	Premium	K07WC080N1
	Standard	K07WC080N2
R134	Premium	K07WC080M1
	Standard	K07WC080M2
R410a	Premium	K07WC080Z1
	Standard	K07WC080Z2

Standard Setup

5	冷媒表 Pressure Gauge 低压 Low
26	冷媒表 Pressure Gauge 高压 High
7	检修阀 Charging/check Valve X 6
8	冷凝压力开关 Condenser Fan switch
10	4D450 冷凝风扇 Condenser Fan (10000m3/h)
28	FDFJ080-10S 热气旁通电磁阀 Hot gas bypass solenoid valve
29	CBX6-04 热气旁通阀 Hot gas bypass valve
11	BLR-104J 储液器 Liquid refrigerant Receiver
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19	FDF8MG-12S 电磁阀 Solenoid Valve
20	SG 1/2" 视镜 Sight Glass
*	T508 系统控制器 system controller

Air Source Water Chiller

风冷冷水机



3

Nos. 序号	Part Name	类型 Type	Power	10HP Motor, 50Hz, 380~415Vac							
			Comp.	Hermetic Scroll				Hermetic Scroll			
			Refrigerant	R22/R417a		R407c		R134a		R410a	
			Disp.	30.3 m³/h						18.4m³/h	
9	冷凝器 Condenser	铜管铝箔 Tube & Fin	FHU35/100	Default	FHU35/100	Default	25kw=FHU25/70	Default	FHU35/100	Default	
			FHU39/110	T3	FHU39/110	T3	28kw=FHU28/80	T3	FHU39/110	T3	
		微通道 MCH	30KW=MCC30	Optional	30KW=MCC30	Optional	24KW=MCC24	Optional	30KW=MCC30	Optional	
			41KW=MCC41	optional	41KW=MCC41	optional	30KW=MCC24	optional	41KW=MCC41	optional	
21	节流阀 Throttle Valve	热力膨胀阀 TEV	RTE-10	Standard	RTE-10	Standard	RTE-10	Standard		Standard	
		电子膨胀阀 EEV	EEV-B1009	Premium	EEV-B1009	Premium	EEV-B1009	Premium	EEV-B1009	Premium	
冷量 Cooling Capacity			30.6kw		29.9kw		18.8KW		26kW		
23	蒸发器 Evaporator	壳管式 Tube and Shell HEX	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	
		板换 PHE	B3-050-56D	Standard	B3-050-40D	Standard	B3-050-40D	Standard	B3-050-44D	Standard	
			n/a	Optional	n/a	Optional	B3-050-40D	Optional	n/a	Optional	
			B3-095-36D	Premium	B3-095-28D	Premium	B3-050-40D	Premium	B3-095-30D	Premium	
		套管 tube-in-tube HEX	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	
		钛管 Titanium HEX	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	



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Premium Setup

2	角阀 shutoff valve 3/4" 排气 discharge
25	角阀 shutoff valve 1-1/8" 吸气 Suction
3	三通 TEE 黄铜 Brass 1/4" FSAE * MASE * MSAE X 2
4	1/4" 紫铜毛细管组件 Capillary with nuts & decompressor
5	冷媒表 Pressure Gauge 低压 Low
26	冷媒表 Pressure Gauge 高压 High
6	CV-16 单向阀 Check Valve
7	检修阀 Charging/check Valve X 6
8	冷凝压力开关 Condenser Fan switch
10	4D550 冷凝风扇 Condenser Fan (13000m3/h)
28	FDF6MG-10 热气旁通电磁阀 Hot gas bypass solenoid valve
29	CBX6-04 热气旁通阀 Hot gas bypass valve
11	BLR-105J 储液器 Liquid refrigerant Receiver
14, 17	GBC-16S 截止阀 Shutoff Valve X 2
15	J-5 直线转换接头 Straight Rotolock Joint X 2
16	EK-305 干燥过滤器 Filter Drier
18	BSAR2407 回热气分 heat exchanger Accumulator
19	FDF10MG-16S 电磁阀 Solenoid Valve
20	SG 5/8" 视镜 Sight Glass
*	CCS-008 系统控制器 system controller

12. NPT截止阀可选 NPT shutoff Valve (R410a 必配 must select) is optional
 13. 安全阀可选 Relief Valve (R410a 必配 must select) is optional
 * 喷液冷却可选 Liquid injection is optional

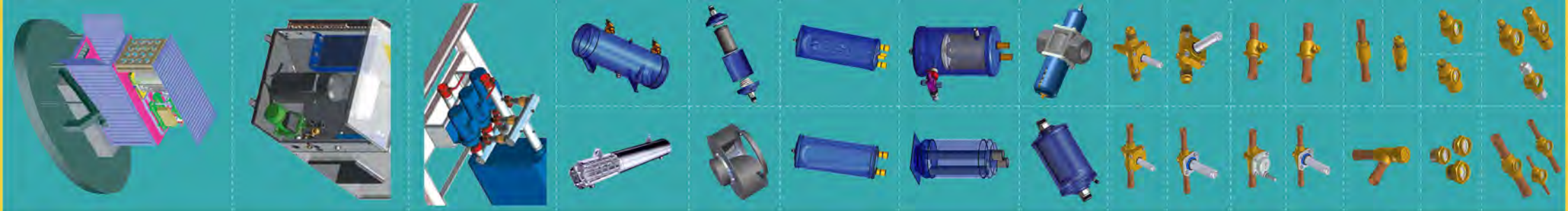
Gas	Rate	Ordering Code
R22	Premium	K07WC100H1
	Standard	K07WC100H2
R407	Premium	K07WC100N1
	Standard	K07WC100N2
R134	Premium	K07WC100M1
	Standard	K07WC100M2
R410a	Premium	K07WC100Z1
	Standard	K07WC100Z2

Standard Setup

5	冷媒表 Pressure Gauge 低压 Low
26	冷媒表 Pressure Gauge 高压 High
7	检修阀 Charging/check Valve X 6
8	冷凝压力开关 Condenser Fan switch
10	4D550 冷凝风扇 Condenser Fan (13000m3/h)
28	FDFJ080-10S 热气旁通电磁阀 Hot gas bypass solenoid valve
29	CBX6-04 热气旁通阀 Hot gas bypass valve
11	BLR-105J 储液器 Liquid refrigerant Receiver
16	EK-305 干燥过滤器 Filter Drier
18	BSA209 回热气分 heat exchanger Accumulator
19	FDF10MG-16S 电磁阀 Solenoid Valve
20	SG 5/8" 视镜 Sight Glass
*	T508 系统控制器 system controller

Air Source Water Chiller

风冷冷水机



3

Nos. 序号	Part Name	类型 Type	Power	12HP Motor, 50Hz, 380~415Vac							
			Comp.	Hermetic Scroll				Hermetic Scroll			
			Refrigerant	R22/R417a		R407c		R134a		R410a	
			Disp.	36.4 m³/h						23.3m³/h	
9	冷凝器 Condenser	铜管铝箔 Tube & Fin	FHU42/120	Default	FHU42/120	Default	28kw=FHU28/80	Default	FHU42/120	Default	
			FHU46/110	T3	FHU46/110	T3	31kw=FHU31/90	T3	FHU46/110	T3	
		微通道 MCH	30KW=MCC30	Optional	30KW=MCC30	Optional	24KW=MCC24	Optional	30KW=MCC30	Optional	
			41KW=MCC41	optional	41KW=MCC41	optional	30KW=MCC24	optional	41KW=MCC41	optional	
21	节流阀 Throttle Valve	热力膨胀阀 TEV	RTE-11	Standard	RTE-11	Standard	RTE-11	Standard		Standard	
		电子膨胀阀 EEV	EEV-B1009	Premium	EEV-B1009	Premium	EEV-B1009	Premium	EEV-B1009	Premium	
冷量 Cooling Capacity			36.1kw		34.9kw		22.5KW		32.8kW		
23	蒸发器 Evaporator	壳管式 Tube and Shell HEX	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	
		板换 PHE	B3-050-66D	Standard	B3-050-46D	Standard	B3-050-48D	Standard	B3-050-50D	Standard	
			n/a	Optional	n/a	Optional	B3-050-48D	Optional	n/a	Optional	
			B3-095-40D	Premium	B3-095-32D	Premium	B3-050-48D	Premium	B3-095-34D	Premium	
			套管 tube-in-tube HEX	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
		钛管 Titanium HEX	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	



2	角阀 shutoff valve 3/4" 排气 discharge
25	角阀 shutoff valve 1-1/8" 吸气 Suction
3	三通 TEE 黄铜 Brass 1/4" FSAE * MASE * MSAE X 2
4	1/4" 紫铜毛细管组件 Capillary with nuts & decompressor
5	冷媒表 Pressure Gauge 低压 Low
26	冷媒表 Pressure Gauge 高压 High
6	CV-16 单向阀 Check Valve
7	检修阀 Charging/check Valve X 6
8	冷凝压力开关 Condenser Fan switch
10	4D550 冷凝风扇 Condenser Fan (13000m3/h)
28	FDF6MG-10 热气旁通电磁阀 Hot gas bypass solenoid valve
29	CBX6-04 热气旁通阀 Hot gas bypass valve
11	BLR-105J 储液器 Liquid refrigerant Receiver
14, 17	GBC-16S 截止阀 Shutoff Valve X 2
15	J-5 直线转换接头 Straight Rotalock Joint X 2
16	EK-305 干燥过滤器 Filter Drier
18	BSAR2407 回热气分 heat exchanger Accumulator
19	FDF10MG-16S 电磁阀 Solenoid Valve
20	SG 5/8" 视镜 Sight Glass
*	CCS-008 系统控制器 system controller

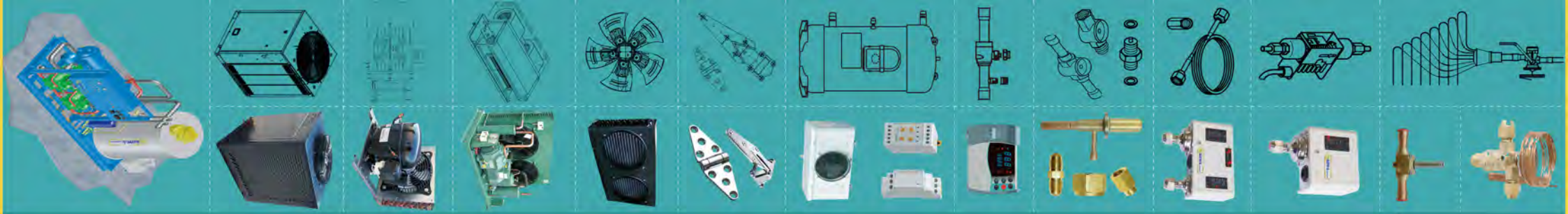
12. NPT截止阀可选 NPT shutoff Valve (R410a 必配 must select) is optional
 13. 安全阀可选 Relief Valve (R410a 必配 must select) is optional
 * 喷液冷却可选 Liquid injection is optional

Gas	Rate	Ordering Code
R22	Premium	K07WC120H1
	Standard	K07WC120H2
R407	Premium	K07WC120N1
	Standard	K07WC120N2
R134	Premium	K07WC120M1
	Standard	K07WC120M2
R410a	Premium	K07WC120Z1
	Standard	K07WC120Z2

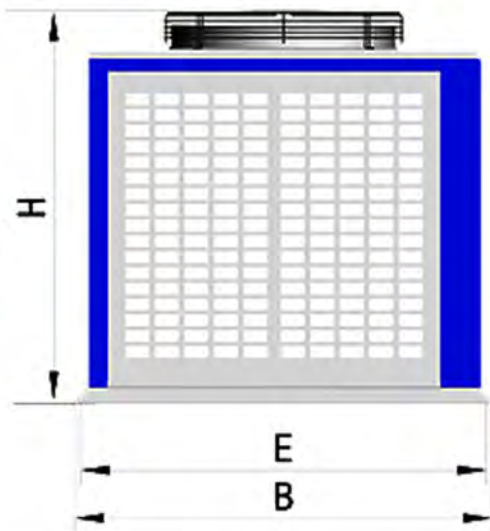
Standard Setup

5	冷媒表 Pressure Gauge 低压 Low
26	冷媒表 Pressure Gauge 高压 High
7	检修阀 Charging/check Valve X 6
8	冷凝压力开关 Condenser Fan switch
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11	BLR-105J 储液器 Liquid refrigerant Receiver
16	EK-305 干燥过滤器 Filter Drier
18	BSA209 回热气分 heat exchanger Accumulator
19	FDF10MG-16S 电磁阀 Solenoid Valve
20	SG 5/8" 视镜 Sight Glass
*	T508 系统控制器 system controller

风冷冷水机
Air Source Water Chiller



冷凝器参数及机组外形尺寸



型号 Model	换热量 Heat transfer Capacity △t=15℃	换热面积 Heat Transfer Area	风机 Fan motor					连接尺寸 Connection Size		外型尺寸 Dimensions			安装尺寸 Mounting Size	
			数量 Qty	直径 Dia.	风量 volume	功率 Input	电压 Voltage	进口 Inlet	出口 Outlet	L	B	H	D	E
	W	m²	N	mm	m³/h	W	V	mm	mm	mm	mm	mm	mm	mm
FHU-10/28	9968	28	1	4D450	5000	290	380	19	14	870	670	690	510	840
FHU-12/33	11880	33	1	4D450	5000	290	380	19	14	870	670	690	510	840
FHU-15/42	15036	42	1	4D450	6570	380	380	19	16	920	770	690	610	890
FHU-18/50	17950	50	1	4D500	8720	600	380	22	16	900	770	900	610	870
FHU-21/60	21360	60	1	4D550	8720	600	380	22	16	900	770	900	610	870
FHU-25/70	24640	70	1	4D550	8720	600	380	22	16	900	770	1000	610	840
FHU-28/80	28240	80	2	4D450	2x5000	2x290	380	22	16	1330	850	800	900	820
FHU-31/90	30500	90	2	4D500	2x6570	2x380	380	22	16	1330	950	890	900	920
FHU-35/100	35400	100	2	4D500	2x6570	2x380	380	22	16	1330	950	990	900	920
FHU-39/110	39060	110	2	4D500	2x6570	2x380	380	22	16	1480	950	990	900	920
FHU-42/120	42240	120	2	4D550	2x8720	2x600	380	25	19	1730	1050	1000	1300	1020
FHU-46/130	46028	130	2	4D550	2x8720	2x600	380	25	19	1730	1050	1000	1300	1020

Condenser performance & Overall Dimension

