

CATALOGUE



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AIR COOLED & WATER COOLED MINI CHILLER (3 HP)

Hermetic Scroll Compressor



MINI CHILLER 3 HP

WATER COOLED & AIR COOLED MINI CHILLER

ITEM	TYPE	DCS-030 (Air Cooled)	W-030 (Water Cooled)
CAPACITY	HP	3	3
	Btu/h	29400	29400
INPUT POWER	Kw	2.65	2.65
POWER		3PH/380V/50Hz	
CONTROL	Type		Auto Temperature Control
REFFERIGEREANT	Type		R-407C
	Control Mehtod		Expantion Valve
COMPRESSOR	Type		Hermetic scroll
	Power(Kw)	2.25	
CONDENSER	Type		Fin & Tube
	Surface Area	33.7 m ²	
	Air Volume(cmm)	86	
	Cooling Water Volume (l/min)		31
EVAPORATOR	Type	Plat Heat Exchanger	Plat Heat Exchanger
	Chilled Water Flow (l/min)	23	
	Chilled Water Flow (l/min)		23
WATER PUMP	Kw	0.23	0.37
Inlet/outlet pipe size	inch(mm)	1(25.4)	1(25.4)
OPERATING WEIGHT			
Dimention(LXWXH)		650*400*980	650*400*980

AIR COOLED CHILLER (4~20 HP)

Hermetic Scroll Compressor



CHILLER 4~20 HP

ITEM	TYPE	DCS-050	DCS-075	DCS-100	DCS-120	DCS-150	DCS-200	DCS-250
CAPACITY	HP	4	5	7.5	10	12.5	15	20
	Btu/h	39200	49000	73500	98000	122500	147000	196000
INPUT POWER	Kw	3.52	5.29	7.60	10.39	13.40	15.30	20.12
POWER				3PH/380V/50Hz				
REFFERIGEREANT	Type				R-407C			
	Control Mehtod				Expansion Valve			
COMPRESSOR	Type				Hermetic scroll			
	Power(Kw)	3.49	4.36	63	8.72	10.9	12.6	17.36
	Type				Fine & Tube			
CONDENSER	Surface Area	52.4 m ²	63.2 m ²	78.9 m ²	94.68 m ²	126.1 m ²	189.6 m ²	252.8 m ²
	Fan	400mm*2ea	500mm*2ea	500mm*2ea	500mm*2ea	600mm*2ea	600mm*3ea	600mm*3ea
	Motor	0.1Kw*6p	0.2Kw*6p	0.2Kw*6p	0.2Kw*6p	0.4Kw*6p	0.4Kw*6p	0.4Kw*6p
	Air Volume(cmm)	110	180	180	216	300	450	450
EVAPORATOR	Type				Plat Heat Exchanger			
	Chilled Water Flow (l/min)	30	37.5	56.25	75	93.8	112.5	150
WATER PUMP	Kw	0.55	0.55	0.75	0.75	1.5	1.5	2.2
Inlet/outlet pipe size	inch(mm)	1(25.4)	1-3/8(34.9)	1-3/8(34.9)	1-1/2(38.1)	1-1/2(38.1)	2(50.8)	2(50.8)
OPERATING WEIGHT								
Dimention(LXWXH)		1320x680x1515	1550x720x1515	1550x720x1703	1550x720x1703	1600x965x1649	2150x965x1740	2150x965x1740

Note : 1. After sales service

2. Aviable to request size & capacity

WATER COOLED CHILLER (5~50 HP)

Hermetic Scroll Compressor



CHILLER 5~50 HP

ITEM	TYPE	W-050	W-075	W-100	W-150	W-200	W-300	W-400	W-500	
CAPACITY	HP	5	7.5	10	15	20	30	40	50	
	Btu/h	49000	73500	98000	147000	196000	294000	392000	490000	
INPUT POWER	Kw	5.29	7.60	10.39	15.20	21.12	28.00	37.00	46.00	
POWER	3PH/380V/50Hz									
CONTROL	Type	Auto Temp Control								
REFFRIGEREANT	Type	R-407C								
	Control Mehtod	Expantion Valve								
COMPRESSOR	Type	Hermetic scroll								
	Power(Kw)	4.36	6.3	8.72	12.6	17.36	25.2	33.6	42	
CONDENSER	Type	Shell & Tube								
	Cooling Water Volume(l/min)	51	6.9	104	147	195	302	395	488	
EVAPORATOR	Type	Plat Heat Exchanger								
	Cooling Water Volume(l/min)	37.5	56	75	93.8	112.5	194	304	331	
WATER PUMP	Kw	0.55	0.75	0.75	1.5	2.2	2.2	3.75	3.75	
Inlet/outlet pipe size	inch(mm)	1(25.4)	1-3/8(34.9)	1-1/2(38.1)	2(50.8)	2(50.8)	2(50.8)	2-1/2(65)	3(80)	
Dimentions(LXWXH)		1080*580*1230	1300*610*1445	1300*610*1445	1880*914*1785	1880*914*1785	2000*1200*2030	2000*1200*2030	2000*1200*2030	

Note : 1. After sales service
2. Aviable to request size & capacity

OTHER ARTCOOL PRODUCT

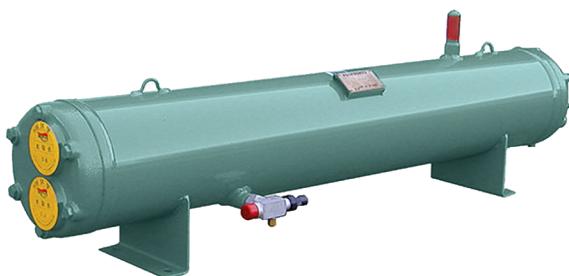
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PLATE HEAT EXCHANGER (PHE)



DEHUMIDIFIER 5Hp & 10Hp



WATER COOLED CONDENSER



(QRJ-123) (QRI-123)
MESIN CLEANER TUBING



1. AGEN ANTI KARAT UNTUK CHILLER (A203)
2. PEMBERSIH FINISH ALUMINIUM UNTUK AC (W301)
3. PLATE HEAT EXCHANGER CLEANER (PE303)



WATER CHILLER SHELL & TUBE

LG CHILLER



**LG AIR COOLED SCROLL CHILLER 20HP
(INVERTER / NON INVERTER)**



**LG AIR COOLED SCROLL CHILLER 40HP
(INVERTER / NON INVERTER)**

Air-Cooled Scroll Chiller		Model	UCHS020PBT1	UCHS040PBT1	UCAS020PBT1	UCAS040PBT1
		Type	H/P	H/P	C/O	C/O
Power		V,Phase,Hz	380/3/50			
Capacity	Cooling	kW	65	130	65	130
		RT	18.5	37	18.5	37
	Heating	kW	69	138	/	/
		RT	19.6	39.2	/	/
Input	Cooling	kW	21.0	42.0		
Power	Heating	kW	20.5	41.0	/	/
Operating Current		A	40.4	80.7	40.4	80.7
COP	Cooling	W/W	3.10	3.10	3.10	3.10
	Heating	W/W	3.37	3.37	/	/
Sound Pressure		dBA	67	71	67	71
Compressor	Type	-		Fixed Speed	Scroll	
	No. of Compressor	EA	2	4	2	4
Refrigerant	Type	-	R410A			
	Amout of Charged	Kg	14	28	14	28
Condenser	Type	-	Fin&Tube			
Cooler	Pipe Size		DN50	DN65	DN50	DN65
	Pressure drop	kPa	45.3	45.3	45.3	45.3
Fan motor	Type	-	BLDC			
	No. of Fan	EA	2	4	2	4
	Motor power	kW	1.0*2	1.0*4	1.0*2	1.0*4
Expansion unit		-	TXV			
Operating Weight		kg	640	1 140	640	1 140
Dimension	W	mm	765	1 528	765	1 528
	H	mm	2 354	2 354	2 354	2 354
	D	mm	2 154	2 154	2 154	2 154
Remote Control	-		Modbus			
Outlet	Cooling	°C	5~15	5~15	5~15	5~15
Temperature	Heating	°C	35~50	35~50	35~50	35~50
Ambient	Cooling	°C	21~48	21~48	21~48	21~48
Temperature	Heating	°C	7~21	7~21	7~21	7~21

LG & SAMSUNG CHILLER



LG WATER COOLED SCREW CHILLER 80~373RT



LG CENTRIFUGAL SCREW CHILLER 200~3000RT



LG AIR COOLED SCREW CHILLER 74~489RT



SAMSUNG AIR COOLED SCROLL CHILLER 12, 16, 18.5RT



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