

# COOL MONSTER MINI AIR COOLED CHILLER



## Further Information



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## SPECIFICATION STANDARD

Model		ACCH01-AD1S	ACCH02-CD1S	ACCH03-CD1S	ACCH04-CD1S	ACCH05-CD1S	
Nominal Cooling Capacity	Btu	<b>12,000</b>	<b>26,400</b>	<b>38,400</b>	<b>54,000</b>	<b>66,000</b>	
	Kw	3.52	7.74	11.25	15.83	19.34	
	Ton	1.00	2.20	3.20	4.50	5.50	
Refrigerant Type		<b>R-410A</b>					
Power Spply	V/Ph/Hz	<b>220/1/50Hz</b>	<b>380/3/50Hz</b>				
Power Consumption	kW	1.17	2.65	3.95	5.56	6.72	
Running Current	A	7.18	6.78	9.33	11.55	14.05	
Capacity step	%	0 - 100	0 - 100	0 - 100	0 - 100	0 - 100	
Coefficient of performance	COP	3.01	2.92	2.85	2.85	2.88	
Energy Saving	Max.kw/TR	1.17	1.20	1.23	1.24	1.22	
MINI AIR COOLED CHILLER	Compressor	Type	<b>Rotary</b>		<b>Hermetic Scroll Compressors</b>		
		Power Input	kW	0.98	2.40	3.50	4.70
	RLA	A	4.40	3.90	6.10	8.50	11.00
	Vibration Isolator	<b>Rubber</b>					
	Quantity		1	1	1	1	1
	Protection Device		<b>Internal Over Load Protector + Phase protector</b>				
	Fan	Quantity	<b>Axial Fans</b>				
		Material	<b>Aluminium</b>				
	Size	inch	16	18	20	24	24
	Quantity		1	1	1	1	1
	Motor	Type	<b>Induction</b>				
		Power Out put	kW	0.17	0.22	0.41	0.8
	Power Input	kW	0.19	0.25	0.45	0.86	0.86
	RLA	A	0.48	0.58	0.93	1.95	1.95
	Quantity		1	1	1	1	1
	Coil	tube Material	<b>Grooved copper tubes</b>				
		Diameter	inch	<b>3/8"</b>			
	Fin Material	<b>Aluminium Corrugate . Fin</b>					
	Face Area	ft <sup>2</sup>	3.50	3.89	6.00	7.00	7.88
	Fin Picth	FPI	16	16	16	16	16
Quantity		1	1	1	1	1	
Evaporator	Type	<b>Plate Heat Exchanger</b>					
	Water Flow Rate	L/Min	9	20	29	41	50
Qty		1	1	1	1	1	
Water Pump	Power Supply	<b>220/1/50Hz</b>			<b>380/3/50Hz</b>		
	Power Out put	kW	0.37	0.37	0.37	0.37	
RLA	Amp	2.3	2.3	2.3	1.1	1.1	
Power	Hp	1/2	1/2	1/2	1/2	1/2	
Max Flow Rate	L/Min	10	21	31	43	53	
Water Inlet Outlet	in	1"	1"	1"	1"	1"	
Quantity		1	1	1	1	1	
Water Tank	Body	<b>Stainless Steel.</b>					
	Tank Capacity	L/Min	20	60	60	100	100
Connection Tube	Water Inlet	inch OD	1"	1"	1"	1"	1"
	Water Outlet	inch OD	1"	1"	1"	1"	1"
Type of gas precharged		<b>Full Charge</b>					
Dimension	Unit(WxDxH)	mm	850x650x1000	1060x750x1200	1060x750x1200	1270x850x1250	1270x850x1250
	Shipping(WxDxH)	mm	1030x780x1275	1180x880x1375	1180x880x1375	1350x1000x1480	1350x1000x1480
Weight	Unit	kg	100	150	160	190	200
	Shipping	kg	120	170	180	220	240
<b>Remarks;</b>			<b>Protection;</b>				
1.This specification is subjected to change without noticed 2. Cooling capacity is based on 2.1 water temperature Inlet 12 °C 2.2 water temperature Outlet 7 °C 3.Outdoor ambient temperature 35°CDB/24°CWB 4. Built-In stainless steel water tank and circulating pump included.			- Circuit breaker / Phase protection / Internal overload - Temperature controller - Pressure Gauge - High pressure / Low pressure protection - Freeze protection				



### RYOTO KANGYONG CO.,LTD

40/14 Bangna Tower C, 17th Floor, Unit D,  
 M.12, Bangna-Trad Road KM.6.5, Bangkaew,  
 Bangplee, Samutprakarn 10540, Thailand  
 Tel. : +66 (0) 2 312 0032 Fax. : +66 (0) 2 312 0033  
 Email : rkycenter@e-rky.com

