

WATER CHILLER TECHNICAL DATA SHEET

Specification	UNIT	FAWC12	FAWC18	FAWC24	FAWC30	FAWC36	FAWC48	FAWC60		
Nominal	TR	1	1.5	2	2.5	3	4	5		
Cooling	BTU	12000	18000	24000	30000	36000	48000	60000		
	KW	3.5	5.25	7	8.75	10.5	14	17.5		
Brand		FUTURE AIR								
Made in		Sharjah, UAE								
Power		220V,50Hz, 1Ph				380V,50Hz, 3Ph				
		Available Also:- 60Hz								
Electrical	Kw	1.75	2.62	3.5	4.3	5.2	5.25	6.5		
	Amps	8	11	13	10	16	19	12		
Thermostat		Manual Also Available:- Digital.								
Water flow rate	GPM	2.4	3.6	4.8	6	7.2	9.6	12		
Pipe line		PVC Available Also:- PPR, SS,MS,MI								
Compressor										
Quantity		1								
Brand		FUTURE AIR Available Also:- "Maneurop" "Danfoss" Made in France								
Type		Piston/Scroll								
Refrigerant		R 407 Available Also:- R22, R410,R134,R404								
Evaporator										
Brand Type		FUTURE AIR Shell and tube Available Also: 'PHE, Coil / Titanium Heat Exchanger / ss to ss Heat Exchanger								
Condenser										
Type		Aluminium fin & Copper tubeA Iso Available water cooled								
Coating		Here site								
Fan										
Qty and Dia		1-300mm		1-400mm			1-500mm			
Type		Axial with protection grill								
Air throw		Top Also Available:-Side throw, without fan if chilled water available								
RPM		1300								
Water Pump	Hp	0-6 HP "FUTURE AIR" Made in India, Subject to availability								
Inlet and outlet	Inch	3/4' 1 (One inch) Also Available:-Male adaptor, female adaptor, flanch, Union type also								
Dimension	Mm	575x575x800			1050x 570x800			1200 x 740 x 820		
Weight	Kg	65	75	85	85	90	105	115		
Safety Devices		High and low pressure switch, Delay timer, Antifreeze thermostat, Flow switch								

WATER CHILLER TECHNICAL DATA SHEET					
Specification	UNIT	FAWC72	FAWC90	FAWC120	FAWC150
Nominal	TR	6	7.5	10	12.5
	BTU	72000	90000	120000	150000
Cooling KW	KW	21	26.25	35	43.75
Brand	FUTURE AIR				
Made in	Sharjah, UAE				
Power	400V,50Hz, 3Ph Available Also:- 60Hz				
Electrical	Kw	8	10	13	17
	Amps	13	15	18	23
Thermostat	Manual Also Available:- Digital.				
Water flow rate	GPM	15	18	24	30
Pipe line	PVC Available Also:- PPR, SS,MS,MI				
Compressor					
Quantity			1		
Brand		FUTURE AIR Available Also:- "Maneurop" "Danfoss" Made in France / Carrier			
Type		Scroll / Piston / Semi Sealed			
Refrigerant		R 407 Available Also:- R22,R410,R134.R404			
Evaporator					
Brand		FUTURE AIR			
Type		Shell and tube Available Also: "PHE, Coil / Titanium Heat Exchanger / ss to ss			
Condenser					
Type		Aluminium fin & Copper tube Also Available water cooled			
Coating		Here site			
Fan					
Qty and Dia		2-400mm		2-500mm	
Type		Axial with protection grill			
Air throw RPM		Top Also Available:- Side throw, without fan if chilled water available			
Water Pump		1300			
	Hp	Nil			
Inlet and outlet	Inch	1"(One inch) / 1 1/2" (One and half) Also Available:- Male adaptor, female flanch, Union type also			
Dimension	Mm	980x700x1400		1420x850x1050	
Weight	Kg	200	240	250	260
Safety Devices		High and low pressure switch, Delay timer, Antifreeze thermostat, Flow switch Phase Sequence			