

ATAN Mini Chiller



Heating Pump Specification

Side Discharge Air Cooled Scroll Chiller (Mini Chiller) Specification

model (Single coil system)		ATAN-7G	ATAN-14G	ATAN-17G	ATAN-21G	ATAN-28G	
Cooling Capacity	kW	7.1	14	17	21	28	
	kcal/h	6106	12040	14620	18060	24080	
Cooling Input		kW	2.65	4.3	5.5	7.40	8.8
Running Current	Cooling	A	11.7	9.1	10.6	15.1	17.9
	Starting Current	A	41	65	68	72.0	78
Cooling Volume Control		%	/	/	/	0-50%-100	0-50%-100
Power Supply			220V/50Hz	380V/50Hz	380V/50Hz	380V/50Hz	380V/50Hz
Compressor	Type	Scroll					
	Start Method	Start Directly					
	Qty	Unit	1	1	1	2	2
Evaporator	Type	Tube-in-tube heat exchanger					
	Water Flow	m ³ /h	1.30	2.50	3.00	3.70	5.00
	Water Pressure Drop	kPa	30	35	39	42	45
	Connecting Pipe	mm	DN25	DN25	DN25	DN32	DN32
Condensation Fan Motor	Type	High-efficiency axial flow fan					
	Start Method	Side Air Discharge					
Refrigerant oil	Type	4GSB					
	Charge Volume	L	1	1.5	1.5	2*1.5	2*1.5
Refrigerant	Type	R22					
	Throttle Method	Thermostatic expansion valve					
	Charge Volume	kg	1.5	3	3.2	2*2.8	2*3
Dimension	Width	mm	950	1200	1200	1600	1600
	Length	mm	600	650	650	800	800
	Height	mm	1550	1550	1550	1600	1600
Noise Level	≤dB(A)	56	58	58	60	61	
Weight	kg	120	130	180	260	300	

Remark:

1. All performance data above are based upon 30Pa ESP
2. Cooling capacity test condition: air side temperature: 27DB°C/15WB°C, water inlet temperature 7°C, water temperature difference 5°C.
3. Heating capacity test condition: air side temperature: 21DB°C, water inlet temperature 60 DB°C, water temperature difference 5°C.