



AWHP Series

Hot Water Heat Pump
42,000 - 170,500 BTU/HR



42,000 - 170,500 BTU/Hr

R-410A
Refrigerant

- **E**nergy Saving ประหยัดพลังงานกว่า
- **S**mall footprint
- **W**ater heat 60°C
- **E**nvironment friendly R-410A
- **S**afety devices Electric Short circuit
- **E**asy of installation and maintenance
- **B**uild-in control panel
- **I**ntegrated & Intelligent Control Solutions
- **C**ool air for ventilation

AWHP Series

SPECIFICATIONS STANDARD



AWHP 42,000 - 170,500 BTU/HR



UNIT MODEL ๕u		AWHP012ST- CD1S	AWHP018ST- CD1S	AWHP024ST- CD1S	AWHP030ST- CD1S	AWHP035ST- CD1S	AWHP044ST- CD1S	AWHP050ST- CD1S
Heating Capacity (Kw)	BTU/HR	42,000	62,000	82,000	102,500	120,000	150,500	170,500
	kW	12.31	18.17	24.03	30.04	35.17	44.11	49.97
	Ton	3.50	5.17	6.83	8.54	10.00	12.54	14.21
Refrigerant Type		R410A	R410A	R410A	R410A	R410A	R410A	R410A
Power Supply (V/Ph/Hz)		380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50
Power Consumption kW		4.07	5.02	6.42	7.92	9.47	11.17	13.42
Running Current A		7.62	9.92	11.92	14.72	17.52	20.14	23.54
Capacity step %		0 - 100	0 - 100	0 - 100	0 - 100	0 - 100	0 - 100	0 - 100
Coefficient of performance COP		3.02	3.62	3.74	3.79	3.71	3.95	3.72
Compressor	Type	Hermetic Scroll Compressors						
	Power Input kW	3.50	4.45	5.85	7.35	8.90	10.40	12.55
	RLA A	5.90	8.20	10.20	13.00	15.80	18.40	21.80
	Vibration Isolator	Rubber						
	Quantity	1	1	1	1	1	1	1
Protection Device	Circuit Breaker							
	Thermal Over Load Protector							
	Phase protector							
Fan	Type	Propeller						
	Material	Aluminium						
	Quantity	1	1	1	1	1	1	1
Motor	Power Supply	380/3/50						
	Type	Induction						
	Power Output kW	0.41	0.41	0.41	0.41	0.41	0.599	0.599
	RLA A	1.72	1.72	1.72	1.72	1.72	1.74	1.74
Quantity		1	1	1	1	1	1	1
Nominal Air Flow CMH		10000	10000	10000	10000	10000	10000	10000
Evaporator Coil	Tube Material	Grooved copper tubes						
	Tube Diameter mm	7						
	Fin Material	Aluminium Corrugate Fin						
	Face Area ft ²	8.33	8.33	8.33	16.11	16.11	20.78	20.78
	Fin Pitch FPI	14	14	11	14	14	14	14
Quantity		1	1	1	1	1	1	1
Heat Exchanger	Type	Tube in Tube						
	Water Flow Rate L/Min	32	47	62	77	91	114	129
	Water Inlet inch OD	3/4	3/4	1	1	1	1	1
	Water Outlet inch OD	3/4	3/4	1	1	1	1	1
Quantity		1	1	1	1	1	1	1
Connection Tube	Water Inlet inch OD	3/4	3/4	3/4	3/4	3/4	3/4	3/4
	Water Outlet inch OD	3/4	3/4	3/4	3/4	3/4	3/4	3/4
Casing	Material	Electro Galvanized Steel						
	Finished	Polyester Paint						
Dimension	Unit (WxDxH) mm	860x860x1050	860x860x1050	860x860x1050	950x910x1280	950x910x1280	1050x1100x1380	1050x1100x1380
	Shipping(WxDxH) mm	965x995x1175	965x995x1175	965x995x1175	1120x1150x1480	1120x1150x1480	1210x1230x1565	1210x1230x1565
Weight	Unit kg	100	150	160	170	190	190	200
	Shipping kg	120	170	180	190	220	220	240

Remarks
 1. This specification is subjected to change without noticed
 2. Cooling capacity is based on
 2.1 water temperature Inlet 55°C
 2.2 water temperature Outlet 60°C

SPECIFICATIONS AND INFORMATION IN THIS BROCHURE ARE SUBJECT TO CHANGE WITHOUT NOTICE
 รายละเอียดผลิตภัณฑ์อาจมีการเปลี่ยนแปลงโดยไม่ต้องแจ้งให้ทราบล่วงหน้า

ISO 50001 : 2018
 ISO 9001 : 2015
 ISO 14001 : 2015

ISO 45001 : 2018
 ISO/IEC 17025 : 2017

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CAT.NO.TS-AWHP-ST-CD1S-22S-01

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