

Specifications for Air to Water Heat Pump (R32)

folytatni

Model		AEYC-0639U-CH	AEYC-1039U-CH	AEYC-1639U-CH
Power Supply		230V 50Hz	230V 50Hz	400V 50Hz
Average Low Temperature	SCOP	4,7	4,8	4,1
Average High Temperature	SCOP	3,2	3,2	3,2
Heating (A7W35)	Capacity (Rated)	6kW	10,0kW	16kW
	Power Input	1,43kW	2,28kW	3,9kW
	Running Current	6,3A (Max. 11,20A)	10,1A (Max. 17,5A)	6,0A (Max. 9,0A)
	Power Factor	96,30%	99%	99%
	COP	4,2	4,39	4,1
Heating (A2W35)	Water Circulation	17,2L/min	28,7L/min	45,9L/min
	Capacity (Rated)	5,6kW	8,0kW	14,5kW
	Power Input	1,75kW	2,28kW	4,50kW
	COP	3,2	3,4	3,22
Cooling (A35W18)	Water Circulation	16,1L/min	28,1L/min	41,6L/min
	Capacity (Rated)	5,0kW	8,0kW	16kW
	Power Input	1,28kW	2,28kW	4,10kW
	Running Current	5,6A (Max. 8,1A)	10,0A (Max. 11,6A)	5,7A (Max. 7,6A)
	Power Factor	95,70%	98,70%	99%
Cooling (A35W18)	EER	3,91	3,51	3,9
	Water Circulation	14,3L/min	22,9L/min	45,9L/min
	Capacity (Rated)	3,75kW	5,00kW	12,5kW
	Power Input	1,38kW	1,89kW	4,03kW
Cooling (A35W18)	EER	2,72	2,65	3,10
	Water Circulation	10,8L/min	14,3L/min	35,8L/min
Noise Level (Sound Pressure)	Heating	49dB(A)	53dB(A)	51dB(A)
	Cooling	47dB(A)	52dB(A)	51dB(A)
Water Circulation	Max.	20L/min	40L/min	50L/min
	Min.	5L/min	10L/min	15L/min
Refrigerant Amount		0,80kg	1,55kg	2,80kg
Max. Current		11,2A	17,5A	9,0A
Max. Pressure (Refrigerant)	Discharge	4,2MPa	4,2MPa	4,2MPa
	Suction	1,8MPa	1,8MPa	1,5MPa
Operating Pressure (Water)	Rated	1,0bar	1,0bar	1,0bar
	Max.	3,0bar	3,0bar	3,0bar
Water Capacity		1,0L	1,8L	2,0L
Dimension (H x W x D)	Net	675 x 825 x 300mm	882 x 850 x 330mm	1.418 x 1.000 x 330mm
	Gross	760 x 990 x 430mm	960 x 1.055 x 480mm	1.610 x 1.120 x 470mm
Weight	Net	50kg	69kg	120kg
	Gross	54kg	74kg	135kg
Water Pipe Connection	Outgoing	φ20	φ25,4	φ35
	Return	φ20	φ25,4	φ35
Operating Range	Heating	-20~43°C	-20~43°C	-20~43°C
	Cooling	8~43°C	8~43°C	8~43°C
Leaving Water Temperature	Heating	~60°C	~60°C	~60°C
	Cooling	6.5°C~	6.5°C~	6.5°C~

Chofu Seisakusho Co., Ltd.
December 19, 2019