

2. Specifications

Model		AEYC-0639U-CH	AEYC-1039U-CH	AEYC-1639U-CH
Type		Heating and Cooling Monobloc Type DC Inverter (Reverse cycle)		
Power		1N ~ 230V 50Hz		
Heating (*)				
Capacity	[kW]	6.0	10.0	16.0
Power Input	[kW]	1.46	2.30	3.90
Running Current (MAX.)	[A]	6.4(11.2)	10.2(17.5)	17.0(25.3)
COP		4.11	4.35	4.10
Cooling (*)				
Capacity	[kW]	5.0	8.0	16.0
Power Input	[kW]	1.025	2.06	4.10
Running Current (MAX.)	[A]	4.5(6.6)	9.2(14.5)	17.8(23.0)
EER		3.90	3.45	3.90
MAX. Pressure	[MPa]	4.1		
Refrigerant (R410A)	[kg]	1.05	1.72	2.99
Dimensions & Weight (NET)				
OUTDOOR UNIT				
Height	[mm]	675	882	1,418
Width	[mm]	825	850	1,000
Depth	[mm]	300	330	330
Weight	[kg]	52	74	119
Temperature Range				
Outdoor Temperature				
Heating	[°C]	-20 to 43		
Cooling	[°C]	18 to 43	20 to 43	15 to 43
Inlet Water Temperature	[°C]	2 to 55		
Water Pressure	[MPa]	0.1 to 0.3		

• Specifications are subject to change without notice.

(*) Rating condition Heating : Outdoor temperature DB/WB 7°C/6°C, Leaving water temperature 35°C

Cooling : Outdoor temperature 35°C, Leaving water temperature 18°C

• Acoustic Noise Information : The maximum sound pressure level is less than 70 dB (A).

According to IEC 704-1 and ISO 3744.

• If the air to water heat pump is operated under higher temperature conditions than those listed, the built-in protection circuit may operate to prevent internal circuit damage. Also, during Cooling modes, if the unit is used under conditions of lower temperatures than those listed above, it may freeze, leading to water leakage and other damage.