

Specifications for Air to Water Heat Pump (R32)

| Model | | AEYC-1239U-CH | AEYC-1639U-CH |
|------------------------------|-------------------|-----------------------|-----------------------|
| Power Supply | | 230V 50Hz | 400V 50Hz |
| Average Low Temperature | SCOP | 4,7 | 4,1 |
| Average High Temperature | SCOP | 3,2 | 3,2 |
| Heating (A7W35) | Capacity (Rated) | 12kW | 16kW |
| | Power Input | 2,79kW | 3,9kW |
| | Running Current | 12,2A (Max. 23,0A) | 6,0A (Max. 9,0A) |
| | Power Factor | 99% | 99% |
| | COP | 4,3 | 4,1 |
| Water Circulation | | 34,4L/min | 45,9L/min |
| Heating (A2W35) | Capacity (Rated) | 11,0kW | 14,5kW |
| | Power Input | 3,33kW | 4,50kW |
| | COP | 3,3 | 3,22 |
| | Water Circulation | 31,6L/min | 41,6L/min |
| Cooling (A35W18) | Capacity (Rated) | 12kW | 16kW |
| | Power Input | 3,16kW | 4,10kW |
| | Running Current | 13,8A (Max. 20,2A) | 5,7A (Max. 7,6A) |
| | Power Factor | 99% | 99% |
| | EER | 3,8 | 3,9 |
| | Water Circulation | 34,4L/min | 45,9L/min |
| Cooling (A35W18) | Capacity (Rated) | 9,0kW | 12,5kW |
| | Power Input | 3,00kW | 4,03kW |
| | EER | 3,00 | 3,10 |
| | Water Circulation | 25,8L/min | 35,8L/min |
| Noise Level (Sound Pressure) | Heating | 51dB(A) | 51dB(A) |
| | Cooling | 50dB(A) | 51dB(A) |
| Water Circulation | Max. | 40L/min | 50L/min |
| | Min. | 15L/min | 15L/min |
| Refrigerant Amount | | 2,20kg | 2,80kg |
| Max. Current | | 23,0A | 9,0A |
| Max. Pressure (Refrigerant) | Discharge | 4,2MPa | 4,2MPa |
| | Suction | 1,5MPa | 1,5MPa |
| Operating Pressure (Water) | Rated | 1,0bar | 1,0bar |
| | Max. | 3,0bar | 3,0bar |
| Water Capacity | | 2,0L | 2,0L |
| Dimension (H x W x D) | Net | 1.418 x 1.000 x 330mm | 1.418 x 1.000 x 330mm |
| | Gross | 1.610 x 1.120 x 470mm | 1.610 x 1.120 x 470mm |
| Weight | Net | 98kg | 120kg |
| | Gross | 111kg | 135kg |
| Water Pipe Connection | Outgoing | φ35 | φ35 |
| | Return | φ35 | φ35 |
| Operating Range | Heating | -20~43°C | -20~43°C |
| | Cooling | 8~43°C | 8~43°C |
| Leaving Water Temperature | Heating | ~60°C | ~60°C |
| | Cooling | 6.5°C~ | 6.5°C~ |

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December 19, 2019