

EHS Specification - Split (A2W)

FLUX
PRO



Outdoor Unit (Split)

| Model | | | AEX125EDGHA | AEX140EDGHA | AEX160EDGHA | |
|------------------------|--------------------------------------|----------|----------------------|----------------------|----------------------|---------------|
| Hydro Unit | | | AEN160YDGH | AEN160YDGH | AEN160YDGH | |
| Mode | | | Heat Pump (A2W Only) | Heat Pump (A2W Only) | Heat Pump (A2W Only) | |
| Power Supply | | | Φ, #, V, Hz | 3,380-415,50 | 3,380-415,50 | |
| Performance (A2W #1) | Nominal Capacity ⁽¹⁾ | Heating | W | 12,500 | 14,800 | 16,000 |
| | | | Btuh | 42,700 | 47,800 | 54,600 |
| | | Cooling | W | 15,000 | 16,200 | 17,400 |
| | | | Btuh | 51,200 | 55,300 | 59,400 |
| | Nominal Power Input ⁽¹⁾ | Heating | W | 2,660 | 3,110 | 3,720 |
| | | Cooling | W | 4,350 | 5,150 | 6,000 |
| | Nominal Current Input ⁽¹⁾ | Heating | A | 4.20 | 4.90 | 5.80 |
| | | Cooling | A | 6.80 | 8.10 | 9.40 |
| | Nominal Heating (COP) ⁽¹⁾ | | W | 4.70 | 4.50 | 4.30 |
| | Nominal Cooling (EER) ⁽¹⁾ | | W | 3.45 | 3.15 | 2.90 |
| ESEER ⁽²⁾ | | A | 4.80 | 4.75 | 4.70 | |
| Electric Specification | | MCA | A | 10.0 | 12.0 | |
| | | MFA | A | 12.5 | 13.8 | |
| Refrigerant Side | Compressor | Type | - | Rotary Inverter | Rotary Inverter | |
| | | Model | - | UGST450FUEJX | UGST450FUEJX | |
| | Oil | Type | - | POE | POE | |
| | | Type | - | R410A | R410A | |
| | Piping Connections | Liquid | Φ, mm (inch) | 9.52(3/8") | 9.52(3/8") | 9.52(3/8") |
| | | Gas | Φ, mm (inch) | 15.88(5/8") | 15.88(5/8") | 15.88(5/8") |
| | Installation Limitation | Length | m | 50 | 50 | 50 |
| | | Height | m | 30 | 30 | 30 |
| Base Heater (Option) | | Capacity | W | 150 | 150 | |
| Sound | Sound Pressure ⁽³⁾ | Heating | dB(A) | 50 | 53 | |
| | | Cooling | dB(A) | 51 | 53 | |
| | Sound Power | dB(A) | 64 | 66 | 68 | |
| External Dimension | Weight | Net | kg | 98 | 98 | |
| | | Gross | kg | 108 | 108 | |
| | Dimensions (WxHxD) | Net | mm | 940x1,420x330 | 940x1,420x330 | 940x1,420x330 |
| Gross | | mm | 995x1,548x426 | 995x1,548x426 | 995x1,548x426 | |
| Operating Range | Ambient (A2W) | Heating | °C | -20-35 | -20-35 | |
| | | Cooling | °C | 10-46 | 10-46 | |
| | Leaving Water | DHW | °C | -20-43 | -20-43 | |
| | | Heating | °C | 25-55 | 25-55 | |
| | | Cooling | °C | 5-25 | 5-25 | |

*1)-2) A2W rating conditions in accordance with Eurovent Rating Standard for Liquid Chilling Packages 6/C/003-2008.

*1) A2W Condition #1 : (Heating) Water In/Out 30°C/35°C, Outdoor Air 7°CDB/6°CWB; (Cooling) Water In/Out 23°C/18°C, Outdoor Air 35°CDB.

*2) A2W Condition for ESEER(Cooling) at Water Out 18°C.

*3) Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.