

Compact Cassette

Model : AUHG12LVLB / AUHG14LVLB / AUHG18LVLB / **NEW** AUHG24LVLA



Wireless R.C.



For AUHG12/14/18LVLB



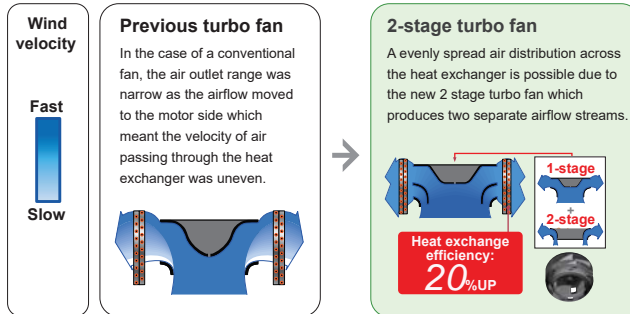
For AUHG24LVLA



Features

2-stage turbo fan

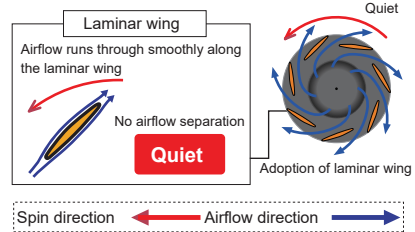
High efficiency design by 2 stage structure



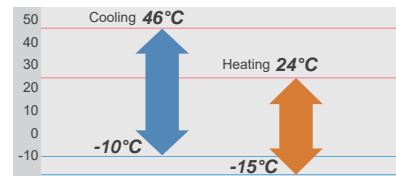
Quiet quality

Optimization of wing form (laminar wing type) and wing number (7 blades each)

Designed by CFD-analysis (fluid) simulations



Low ambient operation



Easy maintenance

① Maintenance of fan motor and fan

Maintenance of the fan motor and fan can be done easily after taking off the panel as the bell mouth of the fan can be removed easily.

A : Fan motor B : 2-stage turbo fan
C : Bell-mouth D : Panel

② Long life filter

: standard equipment

③ Adaptation of transparent drainage parts

During installation, maintenance and operation, the drain pump and kit can be checked easily.



High lift drain pump



Compact design

Worlds first 24,000Btu model in the compact cassette category (Easy installation by taking off ceiling panel of 600 x 600 size)

Optional parts

| | |
|-----------------------------------|----------------------|
| Air Outlet Shutter Plate: | UTR-YDZB |
| Wired Remote Controller: | UTY-RNNGM, UTY-RVNGM |
| Simple Remote Controller: | UTY-RSNGM |
| Insulation Kit For High Humidity: | UTZ-KXGC |
| External Connect Kit: | UTY-XWZX |
| External Control Set: | UTD-ECS5A |
| Fresh Air Intake Kit: | UTZ-VXAA |



Specifications

| Model No. | Indoor unit | | AUHG12LVLB | AUHG14LVLB | AUHG18LVLB | AUHG24LVLA |
|--|--------------------------|---------|------------------------|------------------------|------------------------|------------------------|
| | Outdoor unit | | AOHG12LALL | AOHG14LALL | AOHG18LALL | AOHG24LALA |
| Power Source | V/∅/Hz | | 230/1/50 | 230/1/50 | 230/1/50 | 230/1/50 |
| Capacity | Cooling | kW | 3.5(0.9~4.4) | 4.3(0.9~5.4) | 5.2(0.9~5.9) | 6.8(0.9~8.0) |
| | Heating | kW | 4.1(0.9~5.7) | 5.0(0.9~6.5) | 6.0(0.9~7.5) | 8.0(0.9~9.1) |
| Input Power | Cooling/Heating | kW | 1.05/1.11 | 1.33/1.34 | 1.62/1.66 | 2.21/2.26 |
| EER | Cooling | W/W | 3.33 | 3.21 | 3.21 | 3.08 |
| COP | Heating | W/W | 3.69 | 3.71 | 3.61 | 3.54 |
| Pdesign | Cooling/Heating (@-10°C) | kW | 3.5/4.2 | 4.3/4.5 | 5.2/5.2 | 6.8/6.0 |
| SEER | Cooling | W/W | 6.20 | 6.40 | 6.20 | 5.60 |
| SCOP | Heating (Average) | W/W | 4.10 | 4.40 | 4.20 | 3.90 |
| Energy Efficiency Class | Cooling | | A++ | A++ | A++ | A+ |
| | Heating (Average) | | A+ | A+ | A+ | A |
| Running Current | Cooling/Heating | A | 4.8/5.1 | 6.1/6.1 | 7.2/7.4 | 9.7/9.9 |
| Annual Energy Consumption | Cooling | kWh/a | 198 | 235 | 293 | 425 |
| | Heating | kWh/a | 1431 | 1432 | 1731 | 2151 |
| Moisture Removal | | | l/h | 1.2 | 1.5 | 2.2 |
| Sound Pressure (Cooling) | Indoor | H/M/L/Q | 37/34/30/27 | 38/34/30/27 | 38/34/30/26 | 49/44/36/30 |
| | Outdoor | High | 47 | 49 | 50 | 52 |
| Sound Power (Cooling) | Indoor | High | 49 | 50 | 50 | 59 |
| | Outdoor | High | 61 | 62 | 62 | 67 |
| Airflow Rate (High) | Indoor / Outdoor | m³/h | 600/1780 | 680/1910 | 680/2000 | 930/2470 |
| Net Dimension H x W x D | Indoor | mm | 245×570×570/49x700x700 | 245×570×570/49x700x700 | 245×570×570/49x700x700 | 245×570×570/49x700x700 |
| | | kg(lbs) | 15(33)/2.6(6) | 15(33)/2.6(6) | 15(33)/2.6(6) | 16(35)/2.6(6) |
| | Outdoor | mm | 578×790×300 | 578×790×300 | 578×790×300 | 578×790×315 |
| | | kg(lbs) | 40(88) | 40(88) | 40(88) | 44(97) |
| Piping Connections (Small / Large) | | | 6.35/9.52 | 6.35/12.70 | 6.35/12.70 | 6.35/15.88 |
| Drain Hose Diameter (I.D./O.D.) | | | 25/32 | 25/32 | 25/32 | 25/32 |
| Max Pipe Length (Pre-Charge) | | | 25(15) | 25(15) | 25(15) | 30(15) |
| Max Height Difference | | | 15 | 15 | 15 | 20 |
| | | | -10~46 | -10~46 | -10~46 | -10~46 |
| Operation Range | Cooling | °CDB | -10~46 | -10~46 | -10~46 | -10~46 |
| | Heating | °CDB | -15~24 | -15~24 | -15~24 | -15~24 |
| Refrigerant (Global Warming Potential) | | | R410A(1,975) | R410A(1,975) | R410A(1,975) | R410A(1,975) |
| Cassette Grille | | | UTG-UFGD-W | UTG-UFGD-W | UTG-UFGD-W | UTG-UFGD-W |

Dimensions Models : AUHG12LVLB / AUHG14LVLB / AUHG18LVLB / AUHG24LVLA

(Unit : mm)

