

Compact Cassette

4-way Flow

Compact & Comfort



Model : AUHG12LVLB / AUHG14LVLB / AUHG18LVLB / AUHG24LVA



Wireless R.C.



For AUHG12/14LVLB



For AUHG18LVLB



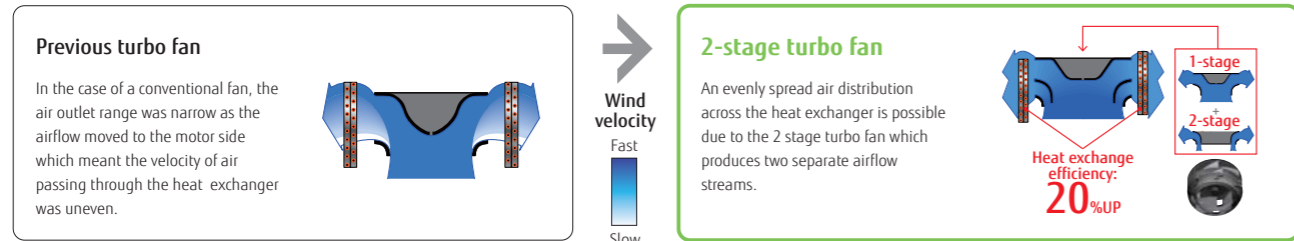
For AUHG24LVA

Specifications

Model No.	Indoor unit		AUHG12LVLB	AUHG14LVLB	AUHG18LVLB	AUHG24LVA
	Outdoor unit		AOHG12LALL	AOHG14LALL	AOHG18LBCB	AOHG24LBCB
Power Source	Single-phase, ~230V, 50Hz					
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
	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
Max. Operating Current	Cooling/Heating	A	7.5/10.0	9.0/12.5	11.5/13.5	14.7/15.7
Annual Energy Consumption	Cooling	kWh/a	198	235	293	425
	Heating	kWh/a	1,431	1,432	1,731	2,151
Moisture Removal		l/h	1.2	1.5	2.2	2.7
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	37/34/30/27	38/34/30/27	38/34/30/26	49/44/36/30
	Indoor (Heating)	H/M/L/Q	37/34/31/29	43/38/34/30	43/38/34/30	49/45/40/33
	Outdoor(Cooling/Heating)	High	47/48	49/49	50/50	53/54
Sound Power Level	Indoor(Cooling/Heating)	High	49/49	50/55	50/55	59/61
	Outdoor(Cooling/Heating)	High	61/63	62/64	62/65	66/66
	Airflow Rate	Indoor / Outdoor (Cooling)	High	600/1,780	680/1,910	680/2,380
Net Dimensions H x W x D	Indoor	mm	245×570×570	245×570×570	245×570×570	245×570×570
	Outdoor	mm	578×790×300	578×790×300	632×799×290	716×820×315
Weight	Indoor	kg (lbs)	15 (33)	15 (33)	15 (33)	16 (35)
	Outdoor	kg (lbs)	40 (88)	40 (88)	36 (79)	42 (95)
Connection Pipe Diameter (Liquid / Gas)		mm	6.35/9.52	6.35/12.70	6.35/12.70	6.35/15.88
Drain hose Diameter (I.D./O.D.)		mm	25/32	25/32	25/32	25/32
Max Pipe Length (Pre-Charge)		m	25 (15)	25 (15)	25 (15)	30 (15)
Max Height Difference			15	15	15	20
Operation Range	Cooling	*CDB	-10 to 46	-10 to 46	-10 to 46	-10 to 46
	Heating	*CDB	-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)
	Charge	kg(CO2eq-T)	1.15 (2.4)	1.25 (2.6)	1.20 (2.5)	1.50 (3.1)
Cassette Grille	Model name		UTG-UFGD-W	UTG-UFGD-W	UTG-UFGD-W	UTG-UFGD-W
	Dimensions (H x W x D)	mm	49×700×700	49×700×700	49×700×700	49×700×700
	Weight	kg (lbs)	2.6 (6)	2.6 (6)	2.6 (6)	2.6 (6)

2-stage turbo fan

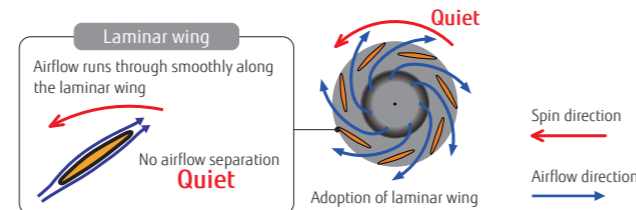
High efficiency design by 2 stage structure



Quiet quality

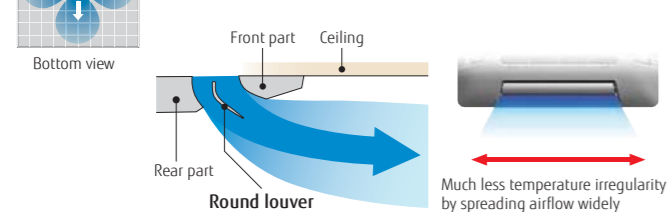
Optimized wing form (laminar wing type) and wing number (7 blades each)

Designed by CFD-analysis (fluid) simulations

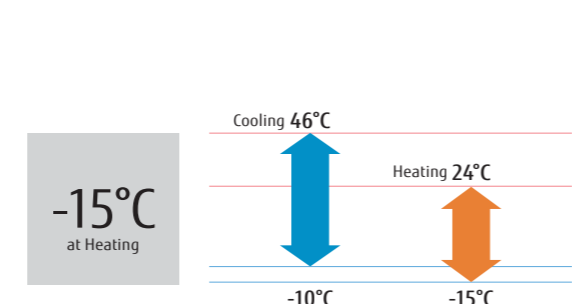


Improvement of the airflow distribution

The louver design distributes air leaving a space between the chassis and the ceiling allowing far and wide airflow distribution.



Low ambient operation



Optional parts

- Wired Remote Controller: UTY-RNNGM, UTY-RVNGM
- Simple Remote Controller: UTY-RSNGM
- Insulation Kit For High Humidity: UTZ-KXGC
- Fresh Air Intake Kit: UTZ-VXAA
- Air Outlet Shutter Plate: UTR-YDZB
- Wireless LAN Interface: UTY-TFNXZ1
- External Connect Kit: UTY-XWZX
- Cassette Grille: UTG-UFGD-W



Dimensions

(Unit : mm)

