

SPLIT

NEW

Compact Cassette

4-way Flow
Compact & Comfort

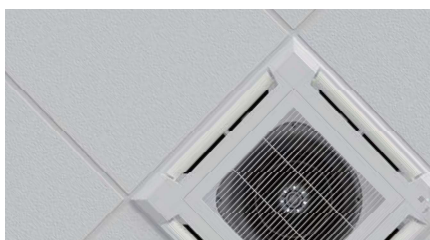


Model: AUXG09KVL / AUXG12KVL / AUXG14KVL / AUXG18KVL / AUXG22KVL / AUXG24KVL



Compact and stylish panel design

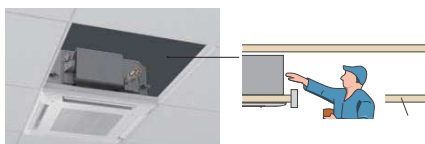
Compact and stylish panel design fits the grid type ceiling. It is a linear design suitable for grid shape of 620 mm x 620 mm grid ceiling.



Easy maintenance

Maintenance is easier by removing the ceiling panel next to the grill, maintenance can be done, and new installation of inspection hole is unnecessary, so construction costs can be suppressed.

The air inlet grill can be installed in various directions, so maintenance is easy.

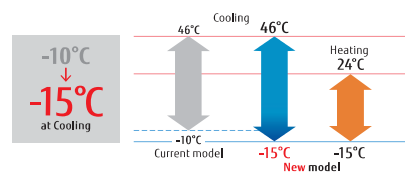


Flexible installation

It is suitable for ceiling of grid type and it has high degree of freedom of installation and it can be installed beside lighting and ventilation opening.



Low ambient operation

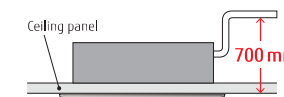


Specifications

Model No.	Indoor unit		AUXG09KVL	AUXG12KVL	AUXG14KVL	AUXG18KVL	AUXG22KVL	AUXG24KVL
	Outdoor unit		AOYG09KBTB	AOYG12KBTB	AOYG14KBTB	AOYG18KBTB	AOYG22KBTB	AOYG24KBTB
Power Source			Single-phase, ~230V 50Hz					
Capacity	Cooling	kW	2.5 (0.9-3.2)	3.5 (0.9-4.4)	4.3 (0.9-5.4)	5.2 (0.9-5.9)	6.0 (0.9-6.7)	6.8 (0.9-8.0)
	Heating	kW	3.2 (0.9-4.7)	4.1 (0.9-5.7)	5.0 (0.9-6.5)	6.0 (0.9-7.5)	7.0 (0.9-8.0)	7.5 (0.9-9.1)
Input Power	Cooling/Heating	kW	0.55/0.79	0.93/1.08	1.28/1.32	1.60/1.66	1.82/1.87	2.21/2.03
	Cooling	W/W	4.57	3.76	3.36	3.25	3.30	3.08
EER	Cooling	W/W	4.05	3.80	3.79	3.61	3.74	3.69
	Heating	W/W	2.5/2.6	3.5/3.4	4.3/3.8	5.2/4.4	6.0/4.8	6.8/6.0
Pdesign	Cooling/Heating(-10°C)	kW	6.70	6.60	6.50	6.60	6.60	6.10
	Cooling	kW	6.70	6.60	6.50	6.60	6.60	6.10
SEER	Cooling	W/W	4.40	4.30	4.40	4.20	4.30	4.00
	Heating (Average)	W/W	A++	A++	A++	A++	A++	A++
SCOP	Cooling	W/W	A+	A+	A+	A+	A+	A+
	Heating (Average)	W/W	7.9	9.7	10.2	12.1	12.6	13.6
Max Operating Current	Cooling/Heating	A	131	186	231	275	318	390
	Cooling	kWh/a	826	1,106	1,208	1,466	1,562	2,097
Annual Energy Consumption	Cooling	kWh/a	131	186	231	275	318	390
	Heating	kWh/a	826	1,106	1,208	1,466	1,562	2,097
Moisture Removal	Cooling	l/h	0.6	1.2	1.5	2.2	2.6	2.7
	Heating	l/h	33/31/29/27	37/34/30/27	39/34/30/27	39/34/30/26	44/42/36/30	49/44/36/30
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	34/32/29/27	37/34/31/29	43/38/34/30	43/38/34/30	45/43/40/33	49/45/40/33
	Indoor (Heating)	H/M/L/Q	46/46	47/47	49/49	50/50	51/51	53/54
Sound Power Level	Outdoor (Cooling/Heating)	High	46/47	47/47	49/49	50/50	51/51	53/54
	Outdoor (Cooling/Heating)	High	46/47	49/49	50/55	50/55	56/57	59/61
Airflow Rate	Indoor / Outdoor (Cooling)	High	540/1,480	600/1,580	680/1,670	680/2,160	830/2,240	930/2,700
	Indoor / Outdoor (Heating)	High	540/1,410	600/1,520	800/1,580	800/1,830	860/2,190	930/2,700
Net Dimensions H x W x D	Indoor	mm	245x570x570	245x570x570	245x570x570	245x570x570	245x570x570	245x570x570
	Outdoor	mm	542x799x290	542x799x290	542x799x290	632x799x290	632x799x290	716x820x315
Weight	Indoor	kg(lbs)	15 (33)	15 (33)	15 (33)	15 (33)	16 (35)	16 (35)
	Outdoor	kg(lbs)	32 (71)	33 (73)	33 (73)	36 (79)	38 (84)	42 (93)
Connection Pipe Diameter (Liquid / Gas)	mm	mm	6.35/9.53	6.35/9.53	6.35/9.53	6.35/12.70	6.35/12.70	6.35/12.70
	mm	mm	25/32	25/32	25/32	25/32	25/32	25/32
Drain hose Diameter (I.D./O.D.)	mm	mm	20 (15)	25 (15)	25 (15)	30 (20)	30 (20)	30 (20)
	mm	mm	15	20	20	25	25	
Operation Range	Cooling	*CDB	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46
	Heating	*CDB	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)
	Charge	kg(CO2eq-T)	0.85 (0.574)	0.85 (0.574)	0.85 (0.574)	1.02 (0.689)	1.25 (0.844)	1.25 (0.844)
Cassette Grille	Model name		UTG-UJFYF-W	UTG-UJFYF-W	UTG-UJFYF-W	UTG-UJFYF-W	UTG-UJFYF-W	UTG-UJFYF-W
	Dimensions (H x W x D)	mm	49x620x620	49x620x620	49x620x620	49x620x620	49x620x620	49x620x620
Weight	kg(lbs)	2.3 (5.1)	2.3 (5.1)	2.3 (5.1)	2.3 (5.1)	2.3 (5.1)	2.3 (5.1)	

Optional parts

- Wireless Remote Controller: UTY-LNTY
- Wireless Remote Controller: UTY-RNRYZ3, UTY-RLRY, UTY-RNRYM, UTY-RNRYM
- Simple Remote Controller: UTY-RSRY, UTY-RHRY, UTY-RSRYM
- Wireless LAN Interface: UTY-TFSXZ1
- Cassette Grille: UTY-UJFYF-W
- Fresh Air Intake Kit: UTZ-VXAA
- Air Outlet Shutter Plate: UTR-YDZB
- Insulation for High Humidity: UTZ-KXGC
- External Input and Output PCB (with box): UTY-XCSX-UTZ-CXRA
- External Connect Kit: UTY-XWZXZG



Dimensions

(Unit : mm)

