

Compact Cassette

Compact 4-way Flow Series

Compact & Comfort



Model: AUXG09KVLA / AUXG12KVLA / AUXG14KVLA / AUXG18KVLA / AUXG22KVLA / AUXG24KVLA

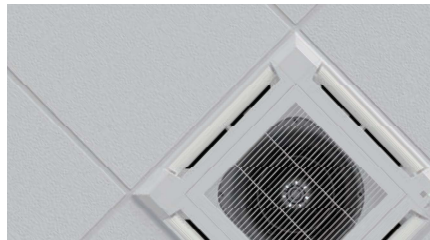


Specifications

Model No.	Indoor unit		AUXG09KVLA	AUXG12KVLA	AUXG14KVLA	AUXG18KVLA	AUXG22KVLA	AUXG24KVLA
	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	kW	6.70	6.60	6.50	6.60	6.60	6.10
	Heating (Average)	W/W	4.40	4.30	4.40	4.20	4.30	4.00
SCOP	Cooling	W/W	4.40	4.30	4.40	4.20	4.30	4.00
	Heating (Average)	W/W	4.40	4.30	4.40	4.20	4.30	4.00
Energy Efficiency Class	Cooling		A++	A++	A++	A++	A++	A++
	Heating		A+	A+	A+	A+	A+	A+
Max Operating Current	Cooling/Heating	A	7.9/7.9	9.7/9.7	10.2/10.2	12.1/12.1	12.6/12.6	13.6/13.6
	Cooling	kWh/a	131	186	231	275	318	390
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	0.6	1.2	1.5	2.2	2.6	2.7
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	33/31/29/27	37/34/30/27	38/34/30/27	38/34/30/26	44/42/36/30	49/44/36/30
	Indoor (Heating)	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
Sound Power Level	Outdoor (Cooling/Heating)	High	46/46	47/47	49/49	50/50	51/51	53/54
	Indoor (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	680/1,580	800/1,830	860/1,960	970/2,700
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)	Cooling	mm	6.35/9.52	6.35/9.52	6.35/9.52	6.35/12.70	6.35/12.70	6.35/12.70
	Heating	mm	6.35/9.52	6.35/9.52	6.35/9.52	6.35/12.70	6.35/12.70	6.35/12.70
Drain hose Diameter (I.D./O.D.)	Cooling	mm	25/32	25/32	25/32	25/32	25/32	25/32
	Heating	mm	20 (15)	25 (15)	25 (15)	30 (20)	30 (20)	30 (20)
Max Pipe Length (Pre-Charge)	Cooling	m	15	20	20	25	25	25
	Heating	m	15	20	20	25	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-UFYF-W	UTG-UFYF-W	UTG-UFYF-W	UTG-UFYF-W	UTG-UFYF-W	UTG-UFYF-W
	Dimensions (H x W x D)	mm	49x620x620	49x620x620	49x620x620	49x620x620	49x620x620	49x620x620
Weight	Cooling	kg(lbs)	2.3 (5)	2.3 (5)	2.3 (5)	2.3 (5)	2.3 (5)	2.3 (5)
	Heating	kg(lbs)	2.3 (5)	2.3 (5)	2.3 (5)	2.3 (5)	2.3 (5)	2.3 (5)

Compact and stylish panel design

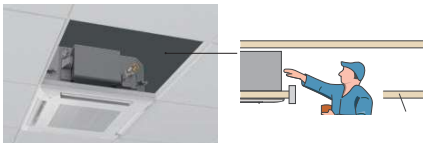
Compact and stylish panel design fits the grid type ceiling. It is a linear design suitable for grid shape of 620 mm x 620 mm grid ceiling.



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.

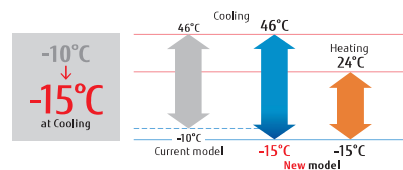


Flexible installation

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



Optional parts

Compact Wired Remote Controller:	UTY-RCRYZ1	External Switch Controller:	UTY-TERX	Network Converter for single split (DC power supply type):	UTY-VTGV
Wired Remote Controller (Touch Panel):	UTY-RNRYZ3	Wireless LAN Interface:	UTY-FPSXZ1	Network Converter for single split (AC power supply type):	UTY-VTGV
Wired Remote Controller:	UTY-RLRY	FJ-RC-WIFI-1	FJ-RC-WIFI-1	Insulation Kit For High Humidity:	UTZ-KXCC
	UTY-RNNYM	KNX® Converter:	UTY-VKXS	Fresh Air Intake Kit:	UTZ-XAA
	UTY-RVNYM	MODBUS® Converter:	UTY-VMSX	External input and output PCB:	UTY-KCSX
Simple Remote Controller (Without operation mode):	UTY-RHRY	Air Outlet Shutter Plate:	UTR-UDZB	External input and output PCB Box:	UTZ-GXRA
Simple Remote Controller:	UTY-RSRY	External Connect Kit:	UTY-KWXZG	Cassette Grille:	UTG-UFYF-W
	UTY-RSNYM	MODBUS® Interface:	FJ-RC-MBS-1		
Wireless Remote Controller:	UTY-LNTY	KNX® Interface:	FJ-RC-KNX-1		

Dimensions

(Unit : mm)

