

Compact Cassette

Compact 4-way Flow Series

Compact Size



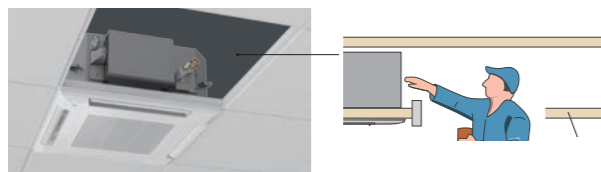
Compact and stylish panel design

The compact and stylish panel fits nicely into a grid-type ceiling. Its linear design is a perfect fit into a grid of 620 mm × 620 mm in the ceiling.



Easy maintenance

You can access the unit for maintenance simply by removing a ceiling panel next to the grille. As no inspection hole needs to be cut through the ceiling, no additional construction cost is incurred.



The air inlet grille can be installed to open in any direction for easy maintenance.



Flexible installation

The unit fits nicely into the decor of a grid-type ceiling and can be installed near the lighting or a ventilation opening.



Link up with a variety of Central Control System (Option)

Centralized control including facilities and equipment in addition to air conditioning is possible by linking up with MODBUS, KNX interfaces.



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



Specifications

Model name	Indoor unit		AUXG09KVLA	AUXG12KVLA	AUXG14KVLA	AUXG18KVLA	AUXG22KVLA	AUXG24KVLA	
	Outdoor unit		AOYG09KBTB	AOYG12KBTB	AOYG14KBTB	AOYG18KBTB	AOYG22KBTB	AOYG24KBTB	
Power Source	Single phase, ~230 V, 50 Hz								
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		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	
EER	Cooling	W/W	4.57	3.76	3.36	3.25	3.30	3.08	
	Heating		4.05	3.80	3.79	3.61	3.74	3.69	
Pdesign	Cooling/Heating (-10°C)	kW	2.5/2.6	3.5/3.4	4.3/3.8	5.2/4.4	6.0/4.8	6.8/6.0	
SEER	Cooling	W/W	6.70	6.60	6.50	6.60	6.60	6.10	
	Heating (Average)		4.40	4.30	4.40	4.20	4.30	4.00	
Energy Efficiency Class	Cooling	A	A++	A++	A++	A++	A++	A++	
	Heating (Average)		A+	A+	A+	A+	A+	A+	
Max. Operating Current	Cooling/Heating	kWh/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		131	186	231	275	318	390	
Annual Energy Consumption	Cooling	I/h	826	1,106	1,208	1,466	1,562	2,097	
	Heating		0.6	1.2	1.5	2.2	2.6	2.7	
Moisture Removal	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 Pressure Level	Outdoor (Cooling/Heating)	dB(A)	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
Sound Power Level	Outdoor (Cooling/Heating)	High	59/59	61/61	62/62	62/62	63/63	65/66	
	Indoor/Outdoor (Cooling)		High	540/1,480	600/1,580	680/1,670	680/2,160	830/2,240	930/2,700
Airflow Rate	Indoor/Outdoor (Heating)	High	540/1,410	600/1,520	800/1,580	800/1,830	860/1,960	930/2,700	
	Net Dimensions H x W x D	Indoor	mm	245 × 570 × 570	245 × 570 × 570	245 × 570 × 570	245 × 570 × 570	245 × 570 × 570	245 × 570 × 570
Weight	Outdoor	mm	542 × 799 × 290	542 × 799 × 290	542 × 799 × 290	632 × 799 × 290	632 × 799 × 290	716 × 820 × 315	
	Indoor	kg (lbs)	15 (33)	15 (33)	15 (33)	15 (33)	16 (35)	16 (35)	
Connection Pipe Diameter (Liquid/Gas)	Indoor	kg (lbs)	32 (71)	33 (73)	33 (73)	36 (79)	38 (84)	42 (93)	
	Outdoor	kg (lbs)	32 (71)	33 (73)	33 (73)	36 (79)	38 (84)	42 (93)	
Drain Hose Diameter (I.D./O.D.)		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	
Max. Pipe Length (Pre-Charge)		mm	25/32	25/32	25/32	25/32	25/32	25/32	
Max. Height Difference	Cooling	m	20 (15)	25 (15)	25 (15)	30 (20)	30 (20)	30 (20)	
	Heating		15	20	20	20	25	25	
Operating Range	Cooling	°CDB	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	
	Heating		-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 × W × D)	mm	49 × 620 × 620	49 × 620 × 620	49 × 620 × 620	49 × 620 × 620	49 × 620 × 620	49 × 620 × 620	
	Weight	kg (lbs)	2.3 (5)	2.3 (5)	2.3 (5)	2.3 (5)	2.3 (5)	2.3 (5)	

Optional parts

* For optional parts compatibility of Inesis devices, refer to the optional parts compatibility list Page C-046.

Compact wired remote controller:	UTY-RCRYZ1	Wireless remote controller:	UTY-LNTY	Network Converter for single split (DC power supply type):	UTY-VTGX
Wired remote controller (touch panel):	UTY-RNRYZ5	External switch controller:	UTY-TERX	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired remote controller:	UTY-RLRY	WLAN adapter:	UTY-TFSXZ1	Insulation kit for high humidity:	UTZ-KXGX
	UTY-RNNYM		FJ-RC-WIFI-1	External input and output PCB:	UTY-XCSX
	UTY-RVNYM	Air Outlet Shutter Plate:	UTR-YDZB	External input and output PCB box:	UTZ-GXRA
Simple remote controller (without operation mode):	UTY-RHRY	External connect kit:	UTY-XWZGX	Silver Ion Filter:	UTD-HFAA
Simple remote controller:	UTY-RSRY	Cassette Grille:	UTG-UFYF-W		
	UTY-RSNYM	Fresh air intake kit:	UTZ-VXAA		

Dimensions

(Unit: mm)

