

Compact Cassette

Compact 4-way Flow Range

Compact Size



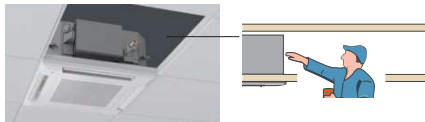
Compact and stylish panel design

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		AOEG09KBTB	AOEG12KBTB	AOEG14KBTB	AOEG18KBTB	AOEG22KBTB	AOEG24KBTB
Power Source			Single phase, ~230 V, 50 Hz					
Capacity	Cooling	Rated	2.5	3.5	4.3	5.2	6.0	6.8
		Min.-Max.	0.9-3.2	0.9-4.4	0.9-5.4	0.9-5.9	0.9-7.0	0.9-8.0
	Heating	Rated	3.2	4.1	5.0	6.0	7.0	7.5
Input Power	Cooling/Heating	Rated	0.9-4.7	0.9-5.7	0.9-6.5	0.9-7.5	0.9-8.0	0.9-9.1
		Min.-Max.	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	4.57	3.76	3.36	3.25	3.30	3.08
COP	Heating	4.05	3.80	3.79	3.61	3.74	3.69	
	Pdesign	Cooling/Heating (-10°C)	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	6.70	6.60	6.50	6.60	6.60	6.10	
	SCOP	Heating (Average)	4.40	4.30	4.40	4.20	4.30	4.00
Energy Efficiency Class	Cooling	A++	A++	A++	A++	A++	A++	
	Heating (Average)	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
Annual Energy Consumption	Cooling	kWh/a	131	186	231	275	318	390
	Heating		826	1,106	1,208	1,466	1,562	2,097
Moisture Removal		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
	Outdoor (Cooling/Heating)	High	46/46	47/47	49/49	50/50	51/51	53/54
Sound Power Level	Indoor (Cooling/Heating)	High	46/47	49/49	50/55	50/55	56/57	59/61
	Outdoor (Cooling/Heating)	High	59/59	61/61	62/62	62/62	63/63	65/66
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	860/1,960	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
	Outdoor	mm	542 × 799 × 290	542 × 799 × 290	542 × 799 × 290	632 × 799 × 290	632 × 799 × 290	716 × 820 × 315
Weight	Indoor	kg	15	15	15	15	16	16
	Outdoor	kg	32	33	33	36	38	42
Connection Pipe Diameter (Liquid/Gas)		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.)		mm	25/32	25/32	25/32	25/32	25/32	25/32
Max. Pipe Length (Pre-Charge)		m	20 (15)	25 (15)	25 (15)	30 (20)	30 (20)	30 (20)
Max. Height Difference		m	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-1)	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	2.3	2.3	2.3	2.3	2.3	

Optional parts

* For optional parts compatibility of Intesis devices, please refer to the optional parts compatibility list page C-050 to C-053 and C-066.

Wired Remote Controller (Design type): UTY-RVRY	Wireless remote controller: UTY-LNTY	Network Converter for single split (DC power supply type): UTY-VITGX
Compact wired remote controller: UTY-RCRYZ1	External switch controller: UTY-TERX	Network Converter for single split (AC power supply type): UTY-VITGXV
Wired remote controller (touch panel): UTY-RNRYZ5	WLAN adapter: UTY-TFSXZ1	Insulation kit for high humidity: UTZ-KXGC
Wireless remote controller: UTY-RLRY	FG-RC-WIF IZ2	External input and output PCB: UTY-XCSX
UTY-RNRYM	UTY-TFSXJ3	External input and output PCB box: UTZ-GXRA
UTY-RVRYM	FG-AC-WIF IZ1	Silver Ion Filter: UTD-HFAA
Simple remote controller (without operation mode): UTY-RHRY	Air Outlet Shutter Plate: UTR-YZYS	Fresh air intake kit: UTY-VXAA
Simple remote controller: UTY-RSRY	Cassette Grille: UTG-UFYF-W	External connect kit: UTY-XWZXZG

Dimensions

(Unit: mm)

