

Compact Cassette

Compact 4-way
Flow Range
Compact Size



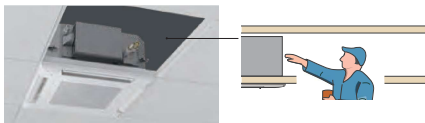
Compact and Stylish Panel Design

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



For AUXG09/12/14KVLA For AUXG18/22KVLA For 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	
		Min.-Max.	0.9-4.7	0.9-5.7	0.9-6.5	0.9-7.5	0.9-8.0	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
COP		Heating	W/W	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
SCOP		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 (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	kWh/a	826	1,106	1,208	1,466	1,552	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
Sound Power Level	Outdoor (Cooling/Heating)	High	dB(A)	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	Outdoor (Cooling/Heating)	High		59/59	61/61	62/62	62/62	63/63	65/66
	Indoor/Outdoor (Cooling)	High	m³/h	540/1,480	600/1,580	680/1,670	680/1,260	830/2,240	930/2,700
Net Dimensions H x W x D	Indoor	mm	540/1,410	600/1,520	800/1,580	800/1,830	860/1,960	930/2,700	
	Outdoor	mm	245 x 570 x 570	245 x 570 x 570	245 x 570 x 570	245 x 570 x 570	245 x 570 x 570	245 x 570 x 570	
Weight	Indoor	kg	542 x 799 x 290	542 x 799 x 290	542 x 799 x 290	632 x 799 x 290	632 x 799 x 290	716 x 820 x 315	
	Outdoor	kg	15	15	15	15	16	16	
Connection Pipe Diameter (l.liquid/Gas)			mm	32	33	33	36	38	42
Drain Hose Diameter (l.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			m	20 (15)	25 (15)	25 (15)	30 (20)	30 (20)	30 (20)
Operating Range	Cooling	°CDB	m	15	20	20	25	25	25
	Heating	°CDB		-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46
Refrigerant	Type (Global Warming Potential)			-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24
	Charge	kg (CO2eq-1)		R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)
Cassette Grille	Model name			0.85 (0.574)	0.85 (0.574)	0.85 (0.574)	1.02 (0.689)	1.25 (0.844)	1.25 (0.844)
	Dimensions (H x W x D)	mm		UTC-UJVF-W	UTC-UJVF-W	UTC-UJVF-W	UTC-UJVF-W	UTC-UJVF-W	UTC-UJVF-W
Weight		kg		49 x 620 x 620	49 x 620 x 620	49 x 620 x 620	49 x 620 x 620	49 x 620 x 620	49 x 620 x 620
		mm		2.3	2.3	2.3	2.3	2.3	2.3

Optional parts

* For information on the compatibility of optional parts for Intesis products, please refer to the compatibility list at the end of the "Control system & Optional parts" chapter.

Wired Remote Controller (Design type):
Compact wired remote controller:
Wired remote controller (touch panel):
Wired remote controller:

UTY-RVRY
UTY-RCRYZ1
UTY-RMRYZ5
UTY-RMRY
UTY-RMNYM
UTY-RVNYM

Wireless remote controller: UTY-LNTY
External switch controller: UTY-TERX
WLAN adapter: UTY-FPSXZ1
FG-AC-WIFI122
UTY-FPSXJ3
FG-AC-WIFI121

Network Converter for single split (DC power supply type): UTY-VTGX
Network Converter for single split (AC power supply type): UTY-VTGCV
Insulation Kit for high humidity: UTY-KXGC
External input and output PCB: UTY-KCSX
External input and output PCB box: UTY-CXRA
Silver Ion Filter: UTY-HFAA
Fresh Air Intake Kit: UTY-VXAA
External Connect Kit: UTY-XWZXG

Simple remote controller (without operation mode): UTY-RHRY
Simple remote controller: UTY-RSRY

Air Outlet Shutter Plate: UTY-YDZB
Cassette Grille: UTY-UJVF-W

Dimensions

(Unit: mm)

