

SPLIT

Compact Cassette

Compact 4-way Flow Series

Compact Size



ALL DC



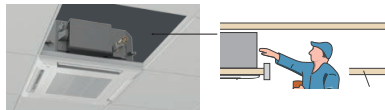
Compact and stylish panel design

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 x 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 AUXG9/12/14KVLA For AUXG18/22KVLA For 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	kW	3.2 (0.9-4.2)	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	Heating	W/W	4.05	3.80	3.79	3.61	3.74	3.69
	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)	W/W	4.40	4.30	4.40	4.20	4.30	4.00
SCOP	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
	Cooling	kWh/a	131	186	231	275	318	390
Annual Energy Consumption	Heating	kWh/a	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
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	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
Net Dimensions	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
H x W x D	Indoor	mm	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 (lbs)	15 (33)	15 (33)	15 (33)	15 (33)	16 (35)	16 (35)
Weight	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)
Connection Pipe Diameter (Liquid/Gas)	Indoor	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
	Outdoor	mm	25/32	25/32	25/32	25/32	25/32	25/32
Drain Hose Diameter (I.D./O.D.)	Indoor	mm	20 (15)	25 (15)	25 (15)	30 (20)	30 (20)	30 (20)
	Outdoor	mm	15	20	20	25	25	25
Max. Height Difference	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)
Model name	Indoor	kg (CO2eq-t)	UTG-UFYF-W	UTG-UFYF-W	UTG-UFYF-W	UTG-UFYF-W	UTG-UFYF-W	UTG-UFYF-W
	Outdoor	kg (CO2eq-t)	UTG-UFYF-W	UTG-UFYF-W	UTG-UFYF-W	UTG-UFYF-W	UTG-UFYF-W	UTG-UFYF-W
Cassette Grille	Dimensions (H x W x D)	mm	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
	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 Intesis devices, refer to the optional parts compatibility list Page C-046.

Compact wired remote controller:	UTY-RCRZ1	Wireless remote controller:	UTY-LNTY	Network Converter for single split (DC power supply type):	UTY-VTGX
Wired remote controller (touch panel):	UTY-RNRZY5	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-KXGC
	UTY-RNRYM		FJ-RC-WIFI-1	External input and output PCB:	UTY-XCSX
	UTY-RNRYM	Air Outlet Shutter Plate:	UTY-DBZB	External input and output PCB box:	UTZ-GXRA
Simple remote controller (without operation mode):	UTY-RHRY	External connect kit:	UTY-XWZKZG	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)

