

Slim Duct

Slim Design



Slim design

The slim design fits nicely into narrow spaces under the ceiling. Drain hose as standard accessory



Compact and lightweight outdoor unit

The compact and lightweight outdoor unit offers greater flexibility in the choice of installation location. This makes it easier to use this outdoor unit.



Wide range of static pressures

The use of a DC fan motor makes it possible to adjust the static pressure between 0 and 90 Pa. The static pressure range can be changed by a remote controller.



Static pressure range
0 to 90 Pa

Auto Louver Grille Kit (Option)

The optional clean-looking flat Auto louver blends into any interior and provides a comfortable airflow.



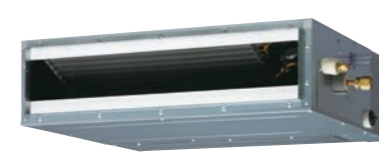
Link up with a variety of Central Control System (Option)

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

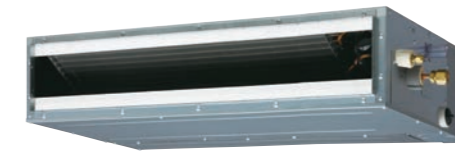


Central Control System

Model: ARXG09KLLAP/ARXG12KLLAP/ARXG14KLLAP/ARXG18KLLAP



ARXG09/12/14KLLAP



ARXG18KLLAP



For ARXG09/12/14KLLAP For ARXG18KLLAP

Specifications

Model name	Indoor unit		ARXG09KLLAP	ARXG12KLLAP	ARXG14KLLAP	ARXG18KLLAP	
	Outdoor unit		AOYG09KBTB	AOYG12KBTB	AOYG14KBTB	AOYG18KBTB	
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)	
	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)	
Input Power	Cooling/Heating	kW	0.60/0.79	0.93/1.08	1.28/1.32	1.55/1.62	
EER	Cooling	W/W	4.17	3.76	3.36	3.35	
	Heating		4.05	3.80	3.79	3.70	
COP	Cooling	W/W	4.17	3.76	3.36	3.35	
	Heating		4.05	3.80	3.79	3.70	
Pdesign	Cooling/Heating (-10°C)	kW	2.5/2.6	3.5/3.4	4.3/3.8	5.2/4.4	
SEER	Cooling	W/W	6.20	6.10	5.80	6.20	
	Heating		4.30	4.00	3.90	4.10	
SCOP	Cooling	W/W	4.30	4.00	3.90	4.10	
	Heating		4.30	4.00	3.90	4.10	
Energy Efficiency Class	Cooling		A++	A++	A+	A++	
	Heating		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	
Annual Energy Consumption	Cooling	kWh/a	141	201	259	293	
	Heating		845	1,189	1,362	1,501	
Moisture Removal	Cooling	l/h	0.7	1.3	1.5	2.0	
	Heating		0.7	1.3	1.5	2.0	
Sound Pressure Level	Indoor (Cooling)	dB(A)	H/M/L/Q	28/27/26/25	29/28/26/25	32/30/28/26	32/30/29/27
	Indoor (Heating)		H/M/L/Q	28/26/25/24	29/28/26/24	32/30/28/25	32/30/29/27
	Outdoor (Cooling/Heating)		High	46/46	47/47	49/49	50/50
	Outdoor (Cooling/Heating)		High	57/57	58/58	60/60	58/58
Sound Power Level	Indoor (Cooling/Heating)	High		57/57	58/58	60/60	58/58
	Outdoor (Cooling/Heating)		High	59/59	61/61	62/62	62/62
Airflow Rate	Indoor/Outdoor (Cooling)	m³/h	High	600/1,480	650/1,580	800/1,670	940/2,160
	Indoor/Outdoor (Heating)		High	600/1,410	650/1,520	800/1,580	940/1,830
Static pressure range (Standard)	Cooling	Pa		0 to 90 (25)	0 to 90 (25)	0 to 90 (25)	0 to 90 (25)
	Heating			0 to 90 (25)	0 to 90 (25)	0 to 90 (25)	0 to 90 (25)
Net Dimensions H x W x D	Indoor	mm		198 × 700 × 620	198 × 700 × 620	198 × 700 × 620	198 × 900 × 620
	Outdoor			542 × 799 × 290	542 × 799 × 290	542 × 799 × 290	632 × 799 × 290
Weight	Indoor	kg (lbs)		17 (37)	17 (37)	17 (37)	20 (44)
	Outdoor			32 (71)	33 (73)	33 (73)	36 (79)
Connection Pipe Diameter (Liquid/Gas)	Cooling	mm		6.35/9.52	6.35/9.52	6.35/9.52	6.35/12.70
	Heating			25/32	25/32	25/32	25/32
Drain Hose Diameter (I.D./O.D.)	Cooling	mm		20 (15)	25 (15)	25 (15)	30 (20)
	Heating			15	20	20	20
Max. Height Difference	Cooling	m		-15 to 24	-15 to 24	-15 to 24	-15 to 24
	Heating			-15 to 24	-15 to 24	-15 to 24	-15 to 24
Operating Range	Cooling	°CDB		-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
Refrigerant	Type (Global Warming Potential)	kg (CO2eq-T)		R32 (675)	R32 (675)	R32 (675)	R32 (675)
	Charge			0.85 (0.574)	0.85 (0.574)	0.85 (0.574)	1.02 (0.689)

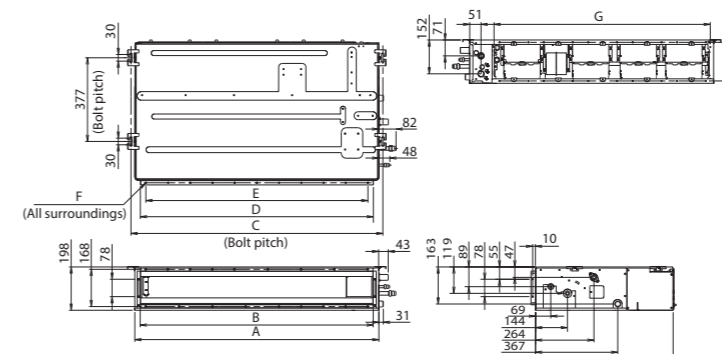
Optional parts

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

Compact wired remote controller:	UTY-RCRYZ1	External switch controller:	UTY-TERX	Network Converter for single split (DC power supply type):	UTY-VTGX
Wired remote controller (touch panel):	UTY-RNRYZ5	WLAN adapter:	UTY-TFSXZ1	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired remote controller:	UTY-RLRY		FJ-RC-WIFI-1	External connect kit:	UTY-XWZXZG
	UTY-RNNYM	Silver Ion Filter:	UTD-HFTA (09-14)	Remote sensor unit:	UTY-XSZX
	UTY-RVNYM		UTD-HFTB (18)	Fresh air intake kit:	UTZ-VXAA
Simple remote controller (without operation mode):	UTY-RHRY	Auto Louver Grille Kit:	UTD-GXTA-W (09-14)		
Simple remote controller:	UTY-RSRY		UTD-GXTB-W (18)		
	UTY-RSNYM	IR receiver unit:	UTY-LBTYM		

Dimensions

(Unit: mm)



	ARXG09/12/14KLLAP	ARXG18KLLAP
A	700	900
B	650	850
C	734	934
D	650	850
E	P100 × 6 = 600	P100 × 8 = 800
F	18 × Ø5	22 × Ø5
G	574	774