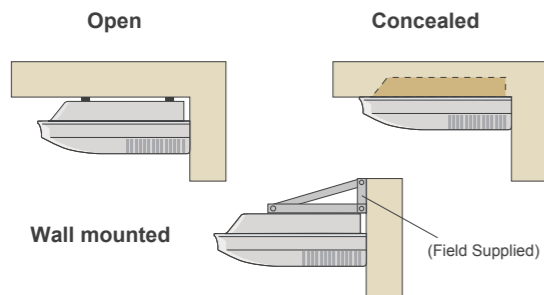


Model : ABYG30LRTE / ABYG36LRTE / ABYG45LRTA /
 ABYG36LRTA (3phase) / ABYG45LRTA (3phase) / ABYG54LRTA (3phase)



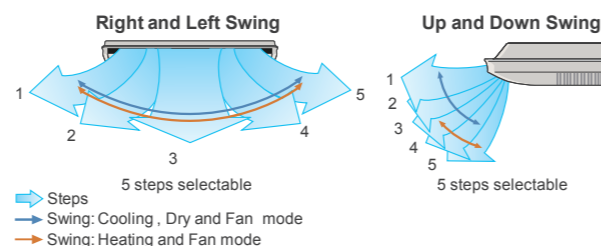
Features

Installation



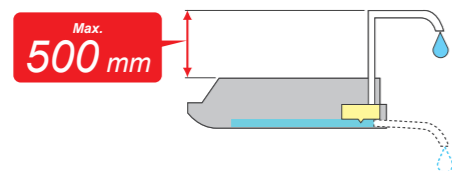
Multi auto swing

A combination of right/left and up/down directional swing allows 3-dimensional air direction control.

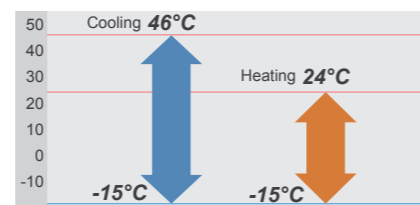


Condensate lift-up mechanism (Option)

Optional drain lift-up mechanism allows flexible installation.



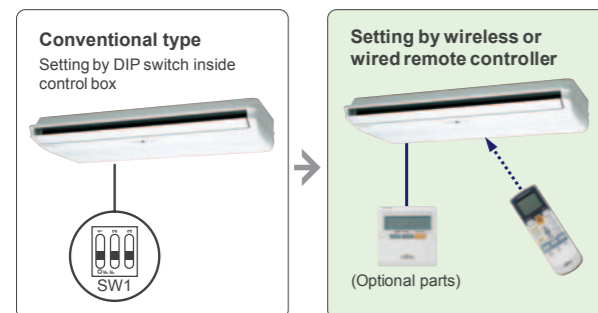
Low ambient operation



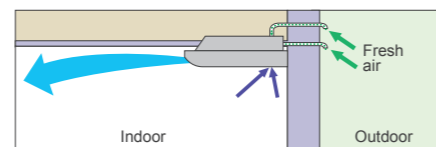
Easy installation

Main work settings can be done easily from the remote controller at installation

- Main work settings**
- High ceiling setting
 - Auto restart
 - Temperature adjustment when cooling / heating



Fresh air intake



Optional parts

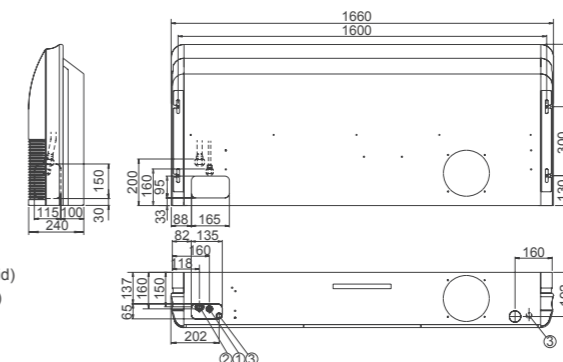
- Wired Remote Controller: UTY-RNNYM, UTY-RVNYM
- Simple Remote Controller: UTY-RSNYM
- Drain Pump Unit: UTR-DPB24T
- Flange: UTD-RF204

Specifications

Model No.	Indoor unit		ABYG30LRTE	ABYG36LRTE	ABYG45LRTA	ABYG36LRTA	ABYG45LRTA	ABYG54LRTA
	Outdoor unit		AOYG30LETL	AOYG36LETL	AOYG45LETL	AOYG36LATT	AOYG45LATT	AOYG54LATT
Power Source	V/∅/Hz		230/1/50	230/1/50	230/1/50	400/3/50	400/3/50	400/3/50
Capacity	Cooling	kW	8.5 (2.8-10.0)	9.4 (2.8-11.2)	12.1 (4.0-13.3)	10.0 (4.7-11.4)	12.5 (5.0-14.0)	14.0 (5.4-16.0)
	Heating	kW	10.0 (2.7-11.2)	11.2 (2.7-12.7)	13.3 (4.2-15.5)	11.2 (5.0-14.0)	14.0 (5.4-16.2)	16.0 (5.8-18.0)
Input Power	Cooling/Heating	kW	2.65/2.77	2.93/3.02	3.77/3.68	2.84/2.87	3.89/3.88	4.65/4.67
	Cooling	W/W	3.21	3.21	3.21	3.52	3.21	3.01
EER	Cooling	W/W	3.61	3.71	3.61	3.90	3.61	3.43
	Heating	W/W	3.61	3.71	3.61	3.90	3.61	3.43
Pdesign	Cooling/Heating	kW	8.5/8.0	9.4/8.7	-	10.0/10.0	-	-
	Cooling	W/W	6.10	6.00	-	6.10	-	-
SEER	Cooling	W/W	4.20	4.10	-	4.10	-	-
	Heating	W/W	4.20	4.10	-	4.10	-	-
SCOP	Cooling	W/W	-	-	-	-	-	-
	Heating	W/W	-	-	-	-	-	-
Energy Efficiency Class	Cooling		A++	A+	-	A++	-	-
	Heating		A+	A+	-	A+	-	-
Running Current	Cooling/Heating	A	11.6/12.2	12.8/13.2	16.5/16.1	4.3/4.4	5.8/5.8	6.9/6.9
	Cooling	kWh/a	487	548	-	573	-	-
Annual Energy Consumption	Cooling	kWh/a	2662	2965	-	3414	-	-
	Heating	kWh/a	2.5	3.0	4.0	3.0	4.5	5.0
Moisture Removal	Cooling	l/h	45/43/37/32	47/43/37/32	49/45/39/34	47/43/37/32	49/45/39/34	51/48/42/38
	Heating	l/h	53	54	55	51	54	55
Sound Pressure (Cooling)	Indoor	H/M/L/Q	57	60	-	61	-	-
	Outdoor	High	68	69	-	67	-	-
Sound Power (Cooling)	Indoor	High	1660/3600	1900/3800	2100/6200	1900/6200	2100/6900	2300/6900
	Outdoor	High	240x1660x700	240x1660x700	240x1660x700	240x1660x700	240x1660x700	240x1660x700
Airflow Rate (High)	Indoor	m³/h	46 (101)	46 (101)	46 (101)	46 (101)	46 (101)	48 (106)
	Outdoor	kg(lbs)	830x900x330	830x900x330	1290x900x330	1290x900x330	1290x900x330	1290x900x330
Net Dimension H x W x D	Indoor	kg(lbs)	61 (134)	61 (134)	86 (189)	104 (229)	104 (229)	104 (229)
	Outdoor	kg(lbs)	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88
Piping Connections (Small / Large)	Indoor	mm	21.5/26.0	21.5/26.0	21.5/26.0	21.5/26.0	21.5/26.0	21.5/26.0
	Outdoor	mm	50 (20)	50 (20)	50 (20)	75 (30)	75 (30)	75 (30)
Drain Hose Diameter (I.D./O.D.)	Indoor	m	30	30	30	30	30	30
	Outdoor	°CDB	-15 to 46	-15 to 24	-15 to 24	-15 to 46	-15 to 24	-15 to 24
Max Pipe Length (Pre-Charge)	Cooling	°CDB	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24
	Heating	°CDB	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24
Max Height Difference	Cooling	°CDB	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24
	Heating	°CDB	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24
Operation Range	Cooling	°CDB	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24
	Heating	°CDB	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant (Global Warming Potential)	Cooling	°CDB	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24
	Heating	°CDB	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant (Global Warming Potential)	Cooling	°CDB	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24
	Heating	°CDB	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24

Dimensions Models : ABYG30LRTE / ABYG36LRTE / ABYG36LRTA / ABYG45LRTA / ABYG54LRTA

(Unit : mm)



- ① Refrigerant piping flare connection (Liquid)
- ② Refrigerant piping flare connection (Gas)
- ③ Drain piping connection