

PRODUCT LINEUP: SPLIT

Ceiling

Comfort for Large Room



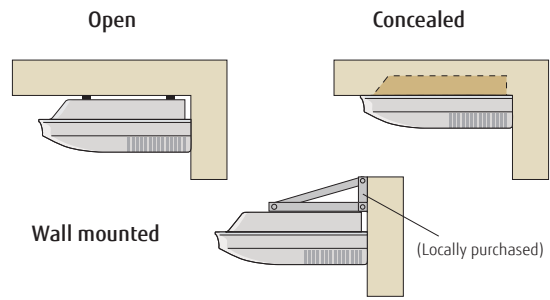
Single phase

ALL DC i-PAM

Economy HEAT 10°C Auto Changeover Double Adjust Restart Duct Sleep Program Filter (45) Blue Fin

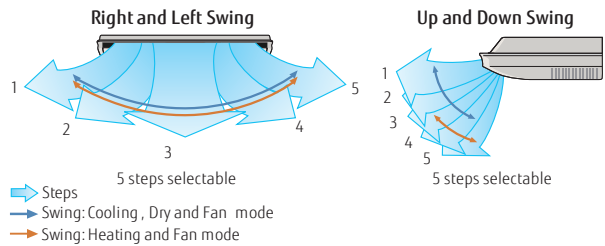
Flexible installation

Various installations are possible to match the room layout.

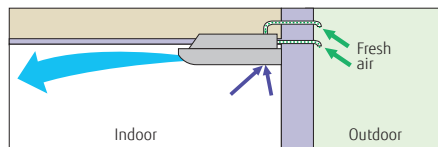


Multi auto swing

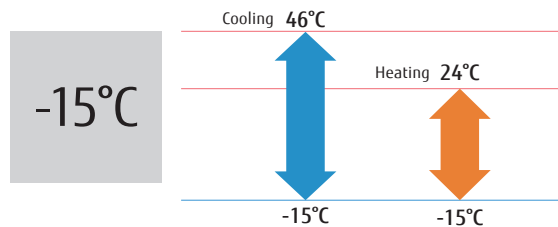
A combination of right/left and up/down directional swing allows 3-dimensional air direction control.



Fresh air intake



Low ambient operation



**Model : ABYG30LRTE / ABYG36LRTE / ABYG45LRTA /
ABYG36LRTA [3phase] / ABYG45LRTA [3phase] / ABYG54LRTA [3phase]**



Wireless R.C.



For ABYG30/36LRTE



For ABYG45LRTA (Single-phase)



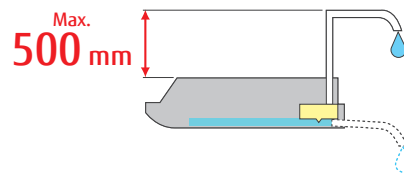
For ABYG36/45/54LRTA

Specifications

Model No.	Indoor unit		Tentative				ABYG36LRTA			ABYG45LRTA			ABYG54LRTA		
	Outdoor unit		ABYG30LRTE	ABYG36LRTE	ABYG45LRTA	ABYG45LRTA	ABYG36LRTA	ABYG45LRTA	ABYG54LRTA	ABYG36LRTA	ABYG45LRTA	ABYG54LRTA	ABYG36LRTA	ABYG45LRTA	ABYG54LRTA
Power Source			Single-phase, ~230V, 50Hz				3-phase, ~400V, 50Hz								
Capacity	Cooling	kW	8.5 (2.8-10.0)	9.4 (2.8-11.2)	12.1 (4.0-13.0)	12.1 (4.0-13.3)	10.0 (4.7-11.4)	12.5 (5.0-14.0)	14.0 (5.4-16.0)	10.0 (4.7-11.4)	12.5 (5.0-14.0)	14.0 (5.4-16.0)	10.0 (4.7-11.4)	12.5 (5.0-14.0)	14.0 (5.4-16.0)
	Heating		10.0 (2.7-11.2)	11.2 (2.7-12.7)	13.3 (4.2-15.2)	13.3 (4.2-15.5)	11.2 (5.0-14.0)	14.0 (5.4-16.2)	16.0 (5.8-18.0)	11.2 (5.0-14.0)	14.0 (5.4-16.2)	16.0 (5.8-18.0)	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	4.29/3.84	3.77/3.68	2.84/2.87	3.89/3.88	4.65/4.67	2.84/2.87	3.89/3.88	4.65/4.67	2.84/2.87	3.89/3.88	4.65/4.67
EER	Cooling	W/W	3.21	3.21	2.82	3.21	3.52	3.21	3.01	3.52	3.21	3.01	3.52	3.21	3.01
COP	Heating		3.61	3.71	3.46	3.61	3.90	3.61	3.43	3.90	3.61	3.43	3.90	3.61	3.43
Pdesign	Cooling/Heating (-10°C)	kW	8.5/8.0	9.4/8.7	-	-	10.0/10.0	-	-	10.0/10.0	-	-	10.0/10.0	-	-
SEER	Cooling	W/W	6.10	6.00	-	-	6.10	-	-	6.10	-	-	6.10	-	-
SCOP	Heating		4.20	4.10	-	-	4.10	-	-	4.10	-	-	4.10	-	-
Energy Efficiency Class	Cooling	A++		A+	-	-	A++	-	-	A++	-	-	A++	-	-
	Heating	A+		A+	-	-	A+	-	-	A+	-	-	A+	-	-
Max. Operating Current	Cooling/Heating	A	17.0/17.0	18.5/20.0	23.5/23.5	8.5/20.5	7.9/7.9	8.9/8.9	9.9/9.9	7.9/7.9	8.9/8.9	9.9/9.9	7.9/7.9	8.9/8.9	9.9/9.9
Annual Energy Consumption	Cooling	kWh/a	487	548	-	-	573	-	-	573	-	-	573	-	-
	Heating		2662	2965	-	-	3414	-	-	3414	-	-	3414	-	-
Moisture Removal		l/h	2.5	3.0	4.0	4.0	3.0	4.5	5.0	3.0	4.5	5.0	3.0	4.5	5.0
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	45/43/37/32	47/43/37/32	49/45/39/34	49/45/39/34	47/43/37/32	49/45/39/34	51/48/42/38	47/43/37/32	49/45/39/34	51/48/42/38	47/43/37/32	49/45/39/34	51/48/42/38
	Indoor (Heating)	H/M/L/Q	45/43/37/32	47/43/37/32	49/45/39/34	49/45/39/34	47/43/37/32	49/45/39/34	51/48/42/38	47/43/37/32	49/45/39/34	51/48/42/38	47/43/37/32	49/45/39/34	51/48/42/38
Sound Power Level	Outdoor (Cooling/Heating)	High	53/55	54/55	58/58	55/55	51/53	54/54	55/56	51/53	54/54	55/56	51/53	54/54	55/56
	Indoor (Cooling/Heating)	High	57/60	60/61	65/63	-	61/61	-	-	61/61	-	-	61/61	-	-
Airflow Rate	Outdoor (Cooling/Heating)	High	68/69	69/70	72/72	-	67/69	-	-	67/69	-	-	67/69	-	-
	Indoor / Outdoor	High	m³/h	1660/3600	1900/3800	4650/4650	2100/6200	1900/6200	2100/6900	2300/6900	1900/6200	2100/6900	2300/6900	1900/6200	2100/6900
Net Dimensions H x W x D	Indoor	mm	240×1660×700	240×1660×700	240×1660×700	240×1660×700	240×1660×700	240×1660×700	240×1660×700	240×1660×700	240×1660×700	240×1660×700	240×1660×700	240×1660×700	240×1660×700
		kg(lbs)	46 (101)	46 (101)	46 (101)	46 (101)	46 (101)	46 (101)	46 (101)	46 (101)	46 (101)	46 (101)	46 (101)	46 (101)	46 (101)
Weight	Outdoor	mm	830×900×330	830×900×330	914×970×370	1290×900×330	1290×900×330	1290×900×330	1290×900×330	1290×900×330	1290×900×330	1290×900×330	1290×900×330	1290×900×330	1290×900×330
		kg(lbs)	61 (134)	61 (134)	76 (167)	86 (189)	86 (189)	86 (189)	86 (189)	86 (189)	86 (189)	86 (189)	86 (189)	86 (189)	86 (189)
Connection Pipe Diameter (Liquid / Gas)		mm	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88
Drain port Diameter (I.D./O.D.)		mm	22.0/25.6	22.0/25.6	22.0/25.6	22.0/25.6	22.0/25.6	22.0/25.6	22.0/25.6	22.0/25.6	22.0/25.6	22.0/25.6	22.0/25.6	22.0/25.6	22.0/25.6
Max Pipe Length (Pre-Charge)		m	50 (20)	50 (20)	50 (20)	50 (20)	75 (30)	75 (30)	75 (30)	75 (30)	75 (30)	75 (30)	75 (30)	75 (30)	75 (30)
Max Height Difference			30	30	30	30	30	30	30	30	30	30	30	30	30
Operation Range	Cooling	°CDB	-15 to 46	-15 to 46	-15 to 46	-10 to 46	-15 to 46	-10 to 46	-15 to 46	-15 to 46	-10 to 46	-15 to 46	-15 to 46	-10 to 46	-15 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)
	Charge	kg(CO2eq-T)	2.10 (4.4)	2.10 (4.4)	2.90 (6.1)	3.35 (7.0)	3.45 (7.2)	3.45 (7.2)	3.45 (7.2)	3.45 (7.2)	3.45 (7.2)	3.45 (7.2)	3.45 (7.2)	3.45 (7.2)	3.45 (7.2)

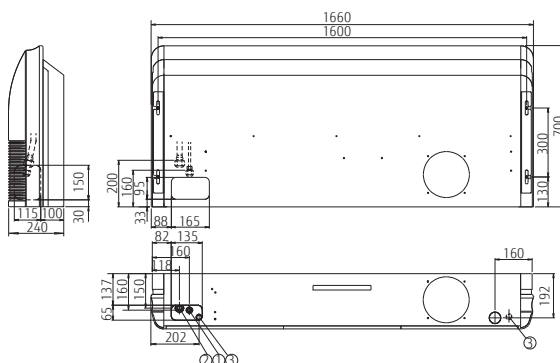
Optional parts

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



Dimensions

(Unit : mm)



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