Floor/Ceiling

Comfort & Dual Design

REFRIGERANT R410A

ALL DC V V-PAM

Economy | 10°C HEAT | Auto Changeover | Double | Adjust | Restart | Sleep | Program | Filter

Flexible installation

Example for floor installation

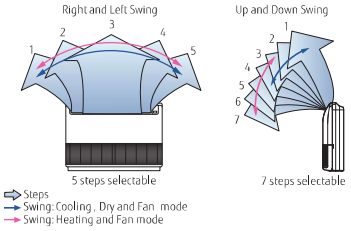
Floor console

Example for ceiling installation

Under ceiling

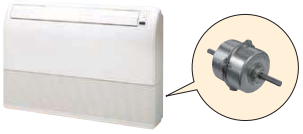
Double auto swing

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



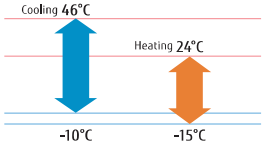
High power DC fan motor

- High power
- Wide rotation range
- High efficiency



Low ambient operation

-15°C at Heating



REFRIGERANT R410A

Model : ABYG18LVTB / ABYG24LVTA

Wireless R.C.

For ABYG18LVTB

For ABYG24LVTA

Specifications

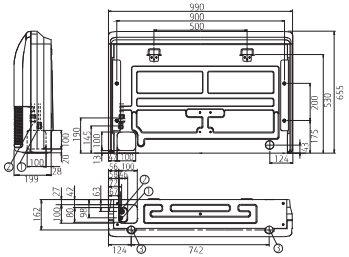
Model No.	Indoor unit			ABYG18LVTB	ABYG24LVTA
	Outdoor unit			AOYG18LBCB	AOYG24LBCB
Power Source				Single-phase, ~230V, 50Hz	
Capacity	Cooling		kW	5.2 (0.9-5.9)	6.8 (0.9-8.0)
	Heating			6.0 (0.9-7.5)	8.0 (0.9-9.1)
Input Power	Cooling/Heating		kW	1.62/1.66	2.21/2.26
EER	Cooling		W/W	3.21	3.08
COP	Heating			3.61	3.54
Pdesign	Cooling/Heating(-10°C)		kW	5.2/5.2	6.8/6.0
SEER	Cooling		W/W	6.10	5.60
SCOP	Heating (Average)			4.00	3.90
Energy Efficiency Class	Cooling			A++	A+
	Heating (Average)			A+	A
Max. Operating Current	Cooling/Heating		A	11.5/13.5	14.7/15.7
Annual Energy Consumption	Cooling		kWh/a	298	425
	Heating			1,818	2,153
Moisture Removal			l/h	2.0	2.7
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	43/40/34/31	48/44/40/35
	Indoor (Heating)	H/M/L/Q		43/40/34/31	48/44/40/35
	Outdoor(Cooling/Heating)	High		50/50	53/54
Sound Power Level	Indoor(Cooling/Heating)	High		57/57	61/61
	Outdoor(Cooling/Heating)	High		62/65	66/66
Airflow Rate	Indoor / Outdoor (Cooling)	High	m^3/h	780/2,380	980/2,850
	Indoor / Outdoor (Heating)	High		780/2,080	980/2,700
Net Dimensions H x W x D	Indoor		mm	199×990×655	199×990×655
	Outdoor			632×799×290	716×820×315
Weight	Indoor		kg(lbs)	27 (59)	27 (59)
	Outdoor		kg(lbs)	36 (79)	42 (93)
Connection Pipe Diameter (Liquid / Gas)			mm	6.35/12.70	6.35/15.88
Drain hose Diameter (I.D./O.D.)				25/32	25/32
Max Pipe Length (Pre-Charge)			m	25 (15)	30 (15)
Max Height Difference				15	20
Operation Range	Cooling		°CDB	-10 to 46	-10 to 46
	Heating			-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)			R410A (2,088)	R410A (2,088)
	Charge		kg(CO2eq-T)	1.20 (2.5)	1.50 (3.1)

Optional parts

Wired Remote Controller:	UTY-RNNYM, UTY-RVNYM
Simple Remote Controller:	UTY-RSNYM
Wireless LAN Interface:	UTY-TFNXZ1
External Connect Kit:	UTY-XWZX

Dimensions

(Unit : mm)



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