

INVERTER

HIGH STATIC PRESSURE DUCT

Model : ARYG45LHTA / ARYG54LHTA /

ARYG45LHTA [3 phase] / ARYG54LHTA [3 phase] / ARYG60LHTA [3 phase]



(45/54)



(60)



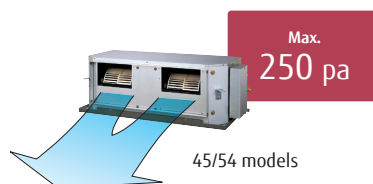
Wired R.C.



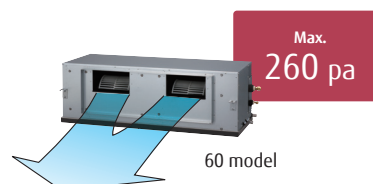
AOYG45/54LETL
AOYG45/54/60LATT



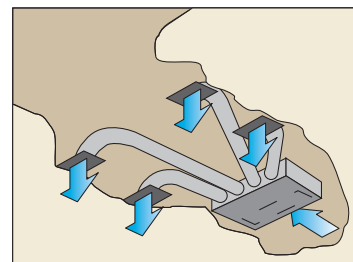
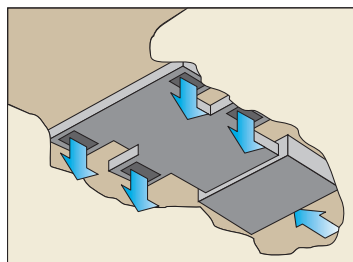
Design also corresponding to high static pressure



45/54 models



60 model



Specifications

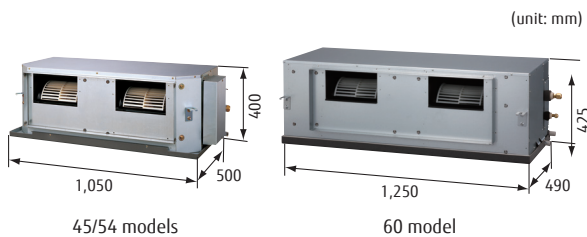
Model No.	Indoor unit		ARYG45LHTA	ARYG54LHTA	ARYG45LHTA	ARYG54LHTA	ARYG60LHTA
	Outdoor unit		AOYG45LETL	AOYG54LETL	AOYG45LATT	AOYG54LATT	AOYG60LATT
Power Source		V/ Ø/Hz	230/1/50	230/1/50	400/3/50	400/3/50	400/3/50
Capacity	Cooling (Min-Max)	kW	12.5(5.0-14.0)	13.4(5.0-15.0)	12.5(5.0-14.0)	14.0(5.4-16.0)	15.0(6.2-17.5)
		BTU/h					
	Heating (Min-Max)	kW	14.0(5.0-16.0)	16.0(6.0-18.0)	14.0(5.4-16.2)	16.0(5.8-18.0)	18.0(6.2-20.0)
		BTU/h					
Input Power	Cooling/Heating	kW	4.30/3.80	4.77/4.69	4.06/3.67	4.65/4.37	4.70/5.15
EER	Cooling	W/W	2.91	2.81	3.08	3.01	3.19
COP	Heating	W/W	3.68	3.41	3.81	3.66	3.50
Running Current	Cooling/Heating	A	23.0/23.0	24.0/24.0	11.0/11.0	12.0/12.0	12.5/12.5
Moisture Removal		l/h	2.0	2.0	1.5	2.5	2.0
Sound Pressure Level (Cooling/Heating)	Indoor (High)		47/47	47/47	47/47	47/47	45/45
	Outdoor	dB(A)	55/55	55/57	54/54	55/56	56/58
Airflow Rate (High) (Cooling/Heating)	Indoor	m³/h	3,350/3,350	3,350/3,350	3,350/3,350	3,350/3,350	3,350/3,350
	Outdoor	m³/h	6,750/6,200	6,750/6,850	6,750/6,200	6,900/6,900	6,900/7,300
Net Dimension HxWxD	Indoor	mm	400×1,050×500	400×1,050×500	400×1,050×500	400×1,050×500	425×1,250×490
		kg (lbs)	46 (101)	46 (101)	46 (101)	46 (101)	54 (119)
Net Weight	Indoor	mm	1,290×900×330	1,290×900×330	1,290×900×330	1,290×900×330	1,290×900×330
	Outdoor	kg (lbs)	86 (190)	86 (190)	104 (229)	104 (229)	104 (229)
Piping Connections (Small / Large)		mm	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88
Drain Pipe Diameter (I.D./O.D.)		mm	23.4/25.4	23.4/25.4	23.4/25.4	23.4/25.4	23.4/25.4
Max Pipe Length (Pre-Charge)		m	50 (20)	50 (20)	75 (30)	75 (30)	75 (30)
Max Height Difference			30	30	30	30	30
Operation Range	Cooling	°CDB	-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
Refrigerant			R410A	R410A	R410A	R410A	R410A

High energy efficiency

Significantly greater efficiency is realized by using all DC inverter technology. (60 model)

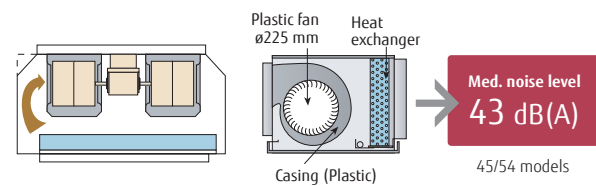
Easy installation (Compact size & Lightweight)

A compact size and lightweight indoor unit has been developed by reducing the basic chassis and the overall material weight.

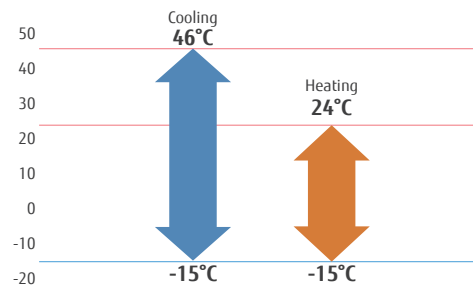


Low noise

Cutting off the corners has enabled less turbulent airflow. Low noise is realized by adopting a plastic case and a plastic fan.



Wide operation range



Optional parts

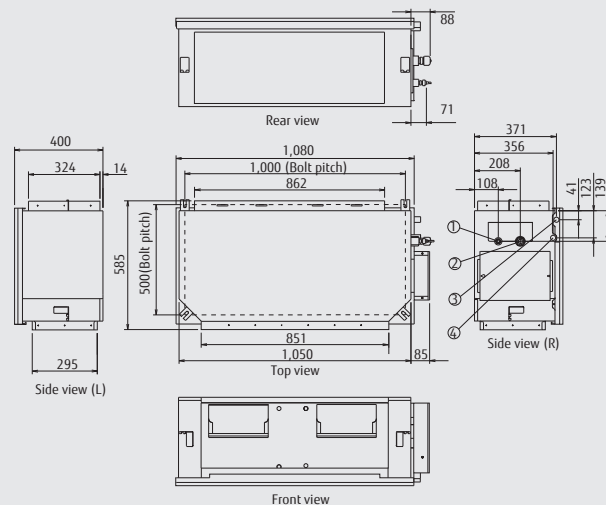
Wired Remote Controller:	UTY-RNNYM, UTY-RVNYM
Simple Remote Controller:	UTY-RSNYM
External Switch Controller:	UTY-TERX
Remote Sensor Unit:	UTY-XSZX

Network Converter for single split: (DC power supply type)	UTY-VTGX
Network Converter for single split: (AC power supply type)	UTY-VTGXV

External Connect Kit:	UTD-ECS5A
IR Receiver Unit	UTY-LRHYM (60)
Long-Life Filter:	UTD-LF60KA (45/54)

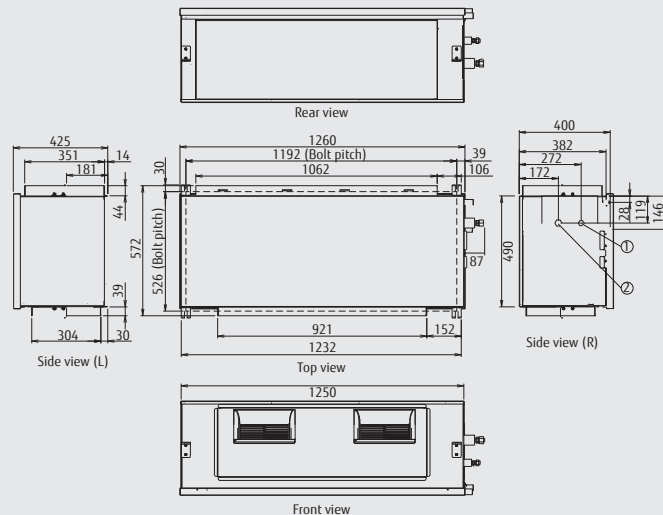
Dimensions

Models: ARYG45LHTA / ARYG54LHTA



- ① Refrigerant piping flare connection (Liquid)
- ② Refrigerant piping flare connection (Gas)
- ③ Drain piping connection (Safety drain pan)
- ④ Drain piping connection (Main drain pan)

Model: ARYG60LHTA



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