

HIGH STATIC PRESSURE DUCT

Model : ARYG45LHTA / ARYG54LHTA /

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



ARYG45/54LHTA



ARYG60LHTA



Wired R.C.



Features

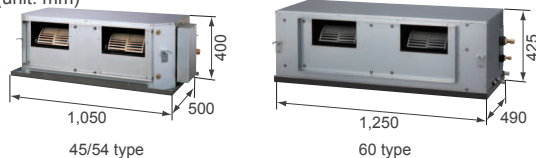
High energy efficiency

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

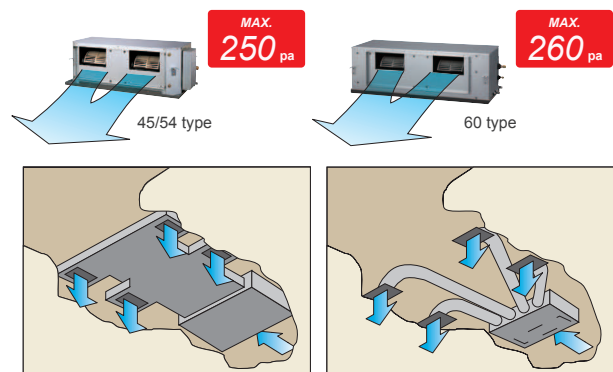
Easy installation (Compact size & Lightweight)

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

(unit: mm)



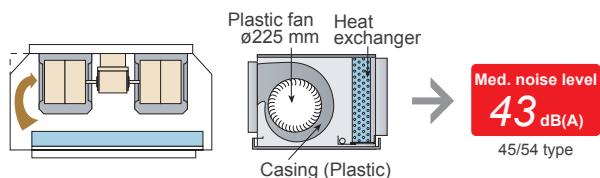
Design also corresponding to high static pressure



Low noise

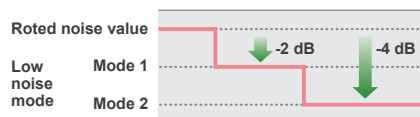
Indoor unit

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

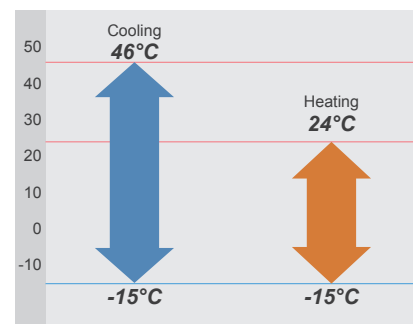


Outdoor unit

2 stage low noise mode can be selected. (Option)



Low ambient operation



Optional parts

Wired Remote Controller:	UTY-RNNYM, UTY-RVNYM
Simple Remote Controller:	UTY-RSNYM
Long-Life Filter:	UTD-LF60KA (For ARYG45/54LHTA only)
Remote Sensor Unit:	UTY-XSZX
IR Receiver Kit:	UTY-LRHYM (For ARYG60LHTA only)



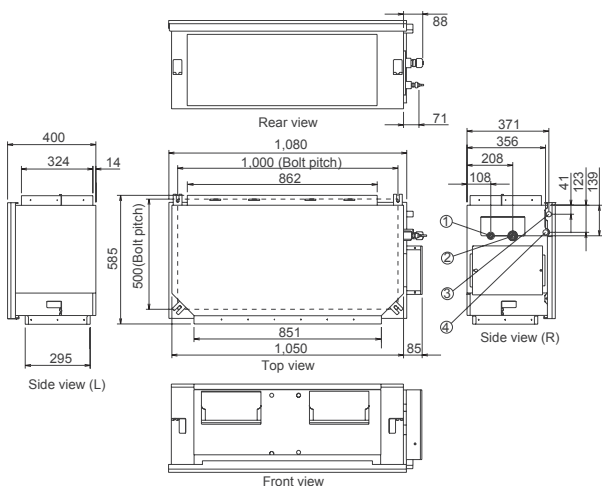
Specifications

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	kW	12.5 (4.5-14.0)	13.4 (5.0-14.5)	12.5 (5.0-14.0)	14.0 (5.4-16.0)	15.0 (6.2-17.5)
	Heating		14.0 (5.0-16.2)	16.0 (5.5-18.0)	14.0 (5.4-16.2)	16.0 (5.8-18.0)	18.0 (6.2-20.0)
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		3.68	3.41	3.81	3.66	3.50
Running Current	Cooling/Heating	A	18.9/16.7	20.9/20.5	6.1/5.5	6.9/6.5	6.9/7.6
Moisture Removal		l/h	1.5	2.0	1.5	2.5	2.0
Sound Pressure (Cooling)	Indoor	H/M/L dB(A)	47/43/40	47/43/40	47/43/40	47/43/40	45/40/36
	Outdoor		55	55	54	55	56
Airflow Rate (High)	Indoor / Outdoor	m³/h	3350/6750	3350/6750	3350/6750	3350/6900	3550/6900
Static pressure range (Standard)		Pa	100 to 250 (100)	100 to 250 (100)	100 to 250 (100)	100 to 250 (100)	60 to 260 (60)
Net Dimension H x W x D	Indoor	mm	400x1050x500	400x1050x500	400x1050x500	400x1050x500	425x1250x490
		kg(lbs)	46 (101)	46 (101)	46 (101)	46 (101)	54 (119)
	Outdoor	mm	1290x900x330	1290x900x330	1290x900x330	1290x900x330	1290x900x330
		kg(lbs)	86 (189)	86 (189)	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 Hose 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)
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		-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant			R410A	R410A	R410A	R410A	R410A

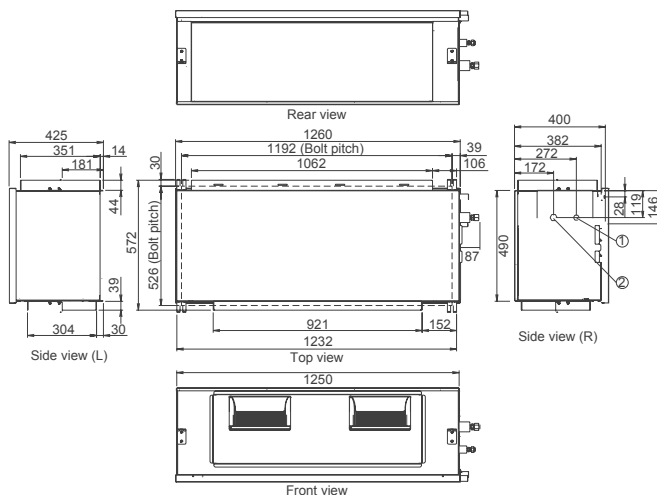
Dimensions Models : ARYG45LHTA / ARYG54LHTA / ARYG60LHTA

(Unit : mm)

Model: ARYG45LHTA / ARYG54LHTA



Model: ARYG60LHTA



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

HIGH STATIC PRESSURE DUCT

Model : ARYC72LHTA [3phase], ARYC90LHTA [3phase]



ARYC72LHTA



ARYC90LHTA



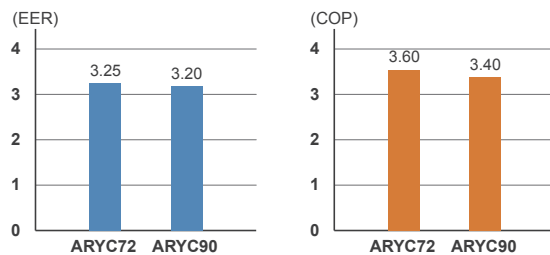
Wired R.C.



Features

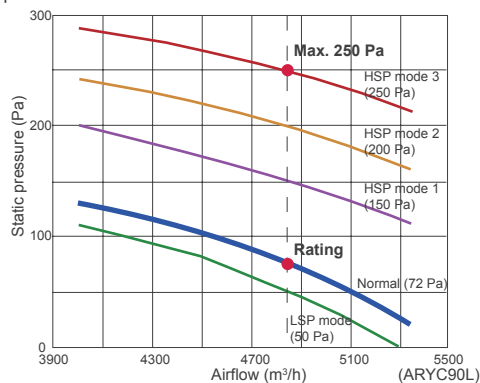
High energy efficiency

Significantly greater efficiency is realized by using DC twin rotary compressor, all DC inverter technology, and large heat exchanger.



5 Static Pressure selection

Improvement and design flexibility has allowed multiple fan speeds and static pressure modes. Low noise is realized by adopting plastic case, plastic fan.



Pursuance of amenity performance

Various remote controllers and sensors can be selected.



Outdoor unit quiet operation

A low outdoor noise operation mode allows the outdoor unit to have two quiet mode operation settings.

Peak cut operation

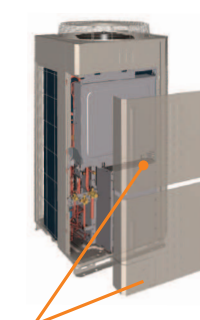
A peak power consumption mode controls a 4 step outdoor operation control to cut down energy usage at peak energy usage times.

Easy Service & Maintenance

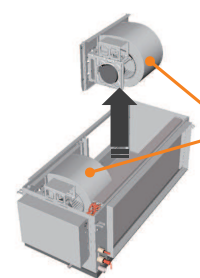
- Split front panel allows for maintenance from top or bottom of the outdoor unit
- Fan motors of the indoor unit can be removed separately

Outdoor unit

Indoor unit



Front panel



Fan motor

Optional parts

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



Specifications

Dimensions **Models :** ARYC72LHTA / ARYC90LHTA

Model: ARYC72LHTA

