

high static duct



Wired R.C.

Option



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Simple
Controller

Fujitsu's high static duct range is easy to install with its compact and lightweight design. Two stage low noise mode can be selected on the outdoor unit. Cutting off the corners on the indoor unit has enabled less turbulent airflow. Low noise is achieved by adopting a plastic case and a plastic fan.

- Nominal cooling: 12.50kW to 13.40Kw (2 models)
- 3 phase options available
- Easy Installation
- Low ambient operation
- Up to 250Pa static pressure

Specifications

	Indoor	ARYG45LHTA	ARYG54LHTA
	Outdoor	AOYG45LETL	AOYG54LETL
Nominal Capacity (kW)	Cooling	12.50 (4.50-14.00)	13.40 (5.00-14.50)
	Heating	14.00 (5.00-16.20)	16.00 (5.50-18.00)
UK Total / Sensible Cooling *		12.07 / 10.17	13.14 / 10.93
Power Consumption (kW)	Cooling	4.30	4.77
	Heating	3.80	4.69
EER / COP (Nominal Conditions)		2.91 / 3.68	2.81 / 3.41
Pdesign (kW) @ -10°C	Cooling	-	-
	Heating	-	-
SEER	Cooling	-	-
SCOP	Heating (Average)	-	-
	Cooling	-	-
Energy Efficiency Class	Heating (Average)	-	-
Annual Energy Consumption (kWh/a)	Cooling	-	-
	Heating	-	-
Moisture Removal	l/h	1.50	2.00
Dimensions (HxWxD) mm	Inner	400x1050x500	400x1050x500
	Outer	1290x900x330	1290x900x330
Net Weight (kg)	Inner	46	46
	Outer	86	86
Room Air Circulation (high) m3/h	Inner	3350	3350
	Outer	6750	6750
Static Pressure Range (Standard)	Pa	100 to 250 (100)	100 to 250 (100)
Power Supply	V-PH-Hz	230 / 1 / 50	230 / 1 / 50
Power Supply To		Outdoor	Outdoor
Running Current (A)	Cooling	18.90	20.90
	Heating	16.70	20.50
Starting Current	A	22.50	23.50
Suggested MCB/Fuse	A	25	25
Interconnecting Cable		3 + E	3 + E
Remote Control Type		Wired	Wired
Sound Pressure (dB(A) Cooling)	Indoor Q/L/M/H	- / 40 / 43 / 47	- / 40 / 43 / 47
	Outdoor H	55	55
Sound Power (dB(A) Cooling)	Indoor H	-	-
	Outdoor H	-	-
Max Pipe Length	m	50	50
Max Height Difference	m	30	30
Refrigerant Charge	m	20	20
Additional Refrigerant Charge	g/m	40	40
Pipe Size (inches)	Gas	5/8 (15.88mm)	5/8 (15.88mm)
	Liquid	3/8 (9.52mm)	3/8 (9.52mm)
Operating Range °CDB	Cooling	-15 ~ 46	-15 ~ 46
	Heating	-15 ~ 24	-15 ~ 24
Refrigerant		R410A	R410A

3-Phase Units		
ARYG45LHTA	ARYG54LHTA	ARYG60LHTA
AOYG45LATT	AOYG54LATT	AOYG60LATT
12.50 (5.00-14.00)	14.00 (5.40-16.00)	15.00 (6.20-17.50)
14.00 (5.40-16.20)	16.00 (5.80-18.00)	18.00 (6.20-20.00)
11.47 / 9.59	12.85 / 10.32	13.47 / 12.77
4.06	4.65	4.70
3.67	4.37	5.15
3.08 / 3.81	3.01 / 3.66	3.19 / 3.50
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
1.50	2.50	2.00
400x1050x500	400x1050x500	425x1250x490
1290x900x330	1290x900x330	1290x900x330
46	46	54
104	104	104
3350	3350	3550
6750	6900	6900
100 to 250 (100)	100 to 250 (100)	60 to 260 (60)
400 / 3 / 50	400 / 3 / 50	400 / 3 / 50
Outdoor	Outdoor	Outdoor
6.10	6.90	6.90
5.50	6.50	7.60
10.00	10.00	7.60
16	16	16
3 + E	3 + E	3 + E
Wired	Wired	Wired
- / 40 / 43 / 47	- / 40 / 43 / 47	- / 36 / 40 / 45
54	55	56
-	-	-
-	-	-
75	75	75
30	30	30
30	30	30
50	50	50
5/8 (15.88mm)	5/8 (15.88mm)	5/8 (15.88mm)
3/8 (9.52mm)	3/8 (9.52mm)	3/8 (9.52mm)
-15 ~ 46	-15 ~ 46	-15 ~ 46
-15 ~ 24	-15 ~ 24	-15 ~ 24
R410A	R410A	R410A

Optional Parts

Wired Remote Controller: UTYRVNYM
Simple Remote Controller: UTYSRNYM
Long Life Filter: UTDLF60KA (for ARYG45/54LHTA only)
Remote Sensor Unit: UTYSXZ
IR Receiver Kit: UTYLRYHM (for ARYG60LHTA only)

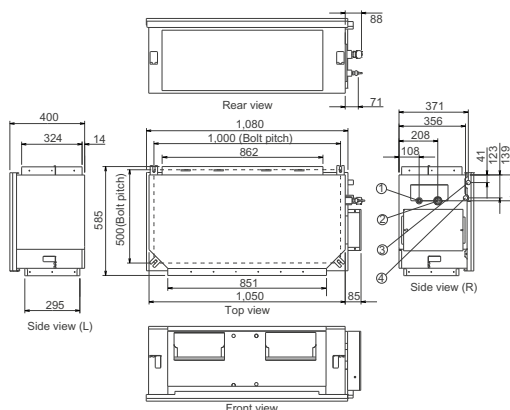
External Connect Kit - Indoor: UTDECS5A
External Connect Kit - Outdoor: UTYXWZXX2
Modus Interface: FJRCMBS1
KNX Interface: FJRCKNX1
WiFi Interface: FJRCWIFI1

* UK Cooling: indoor temperature 23°CDB / 16°CWB and outdoor temperature 30°C

Dimensions Models : ARYG45LHTA / ARYG54LHTA / ARYG60LHTA

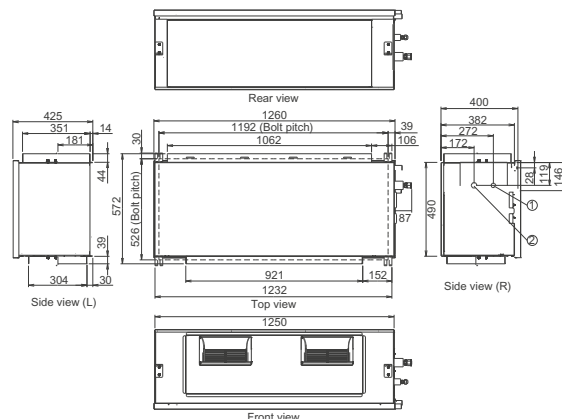
(Unit : mm)

Model: ARYG45LHTA / ARYG54LHTA



- 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)

Model: ARYG60LHTA



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