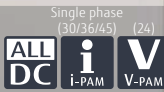
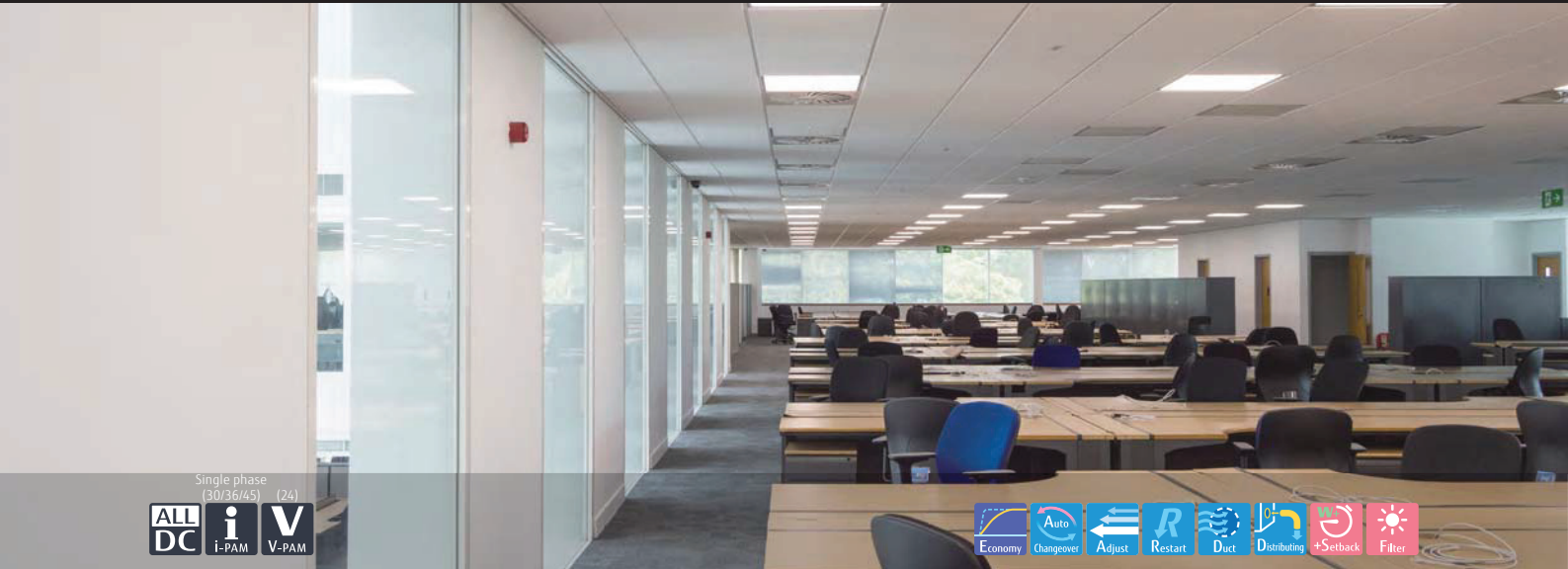


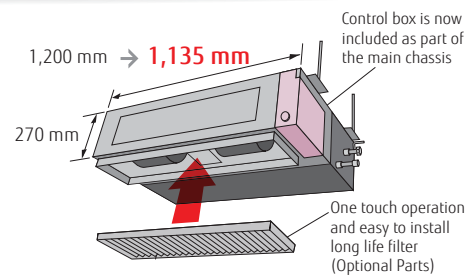
# Medium Static Pressure Duct Standard



## Features

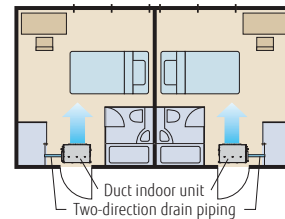
### Slim & Compact design

In the case of bottom return air connection, not only does the indoor unit design allow for installation in a narrow ceiling space of up to 270 mm, Further space savings have been achieved by mounting the control box as part of the chassis.



### Two-direction drain piping

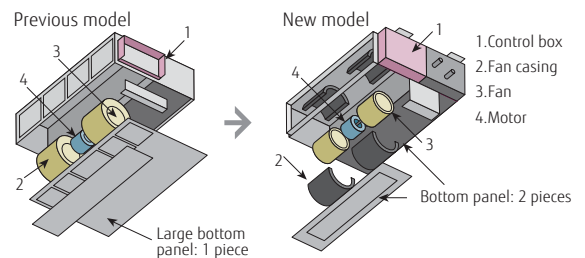
Improves installation possibilities.



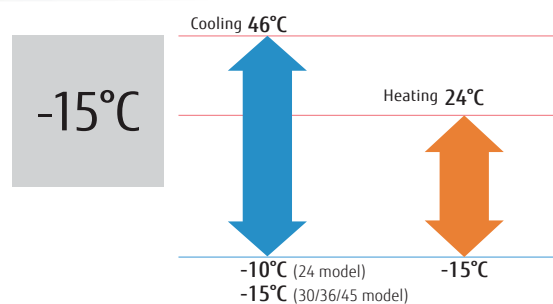
### Easy maintenance

Maintenance improvement is achieved by making the bottom panel in two pieces, front and rear. The internal fan casing is also manufactured in two pieces, namely upper and lower. The maintenance of the motor and fan can be easily carried out by removing the rear panel and the lower part of the casing while leaving the main chassis installed.

See below for the case of rear suction type



### Low ambient operation





**Model : ARYG24LMLA / ARYG30LMLE / ARYG36LMLE / ARYG45LMLA / ARYG36LMLA [3phase] / ARYG45LMLA [3phase]**



Wired R.C.



For ARYG24LMLA



For ARYG30/36LMLE



For ARYG36/45LMLA

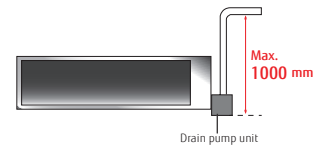
**Specifications**

Model No.	Indoor unit		ARYG24LMLA	ARYG30LMLE	ARYG36LMLE	ARYG45LMLA	ARYG36LMLA	ARYG45LMLA	
	Outdoor unit		AOYG24LALA	AOYG30LETL	AOYG36LETL	AOYG45LETL	AOYG36LATT	AOYG45LATT	
Power Source			Single-phase, ~230V, 50Hz				3-phase, ~400V, 50Hz		
Capacity	Cooling	kW	6.8 (0.9-8.0)	8.5 (2.8-10.0)	9.4 (2.8-11.2)	12.1 (4.0-13.3)	10.0 (4.7-11.4)	12.5 (5.0-14.0)	
	Heating		8.0 (0.9-9.1)	10.0 (2.7-11.2)	11.2 (2.7-12.7)	13.3 (4.2-15.5)	11.2 (5.0-14.0)	14.0 (5.4-16.2)	
UK Total / Sensible Cooling			5.98/4.52	8.41 / 6.66	9.03 / 6.72	11.31 / 8.53	9.07 / 6.39	11.38 / 7.69	
Input Power	Cooling / Heating	kW	2.21 / 2.26	2.65 / 2.68	2.96 / 3.10	1.33 / 1.34	2.84 / 2.87	3.89 / 3.88	
EER	Cooling	W/W	3.08	3.21	3.18	3.77	3.52	3.21	
COP	Heating		3.54	3.73	3.61	3.68	3.90	3.61	
Pdesign	Cooling / Heating(-10°C)	kW	6.8 / 6.0	8.5 / 8.0	9.4 / 8.7	3.21 / 3.61	10.0 / 10.0	3.21 / 3.61	
SEER	Cooling	W/W	6.20	5.90	5.70	-	5.80	-	
SCOP	Heating		4.00	3.90	3.80	-	4.00	-	
Energy Efficiency Class	Cooling		A++	A+	A+	-	A+	-	
	Heating		A+	A	A	-	A+	-	
Annual Energy Consumption	Cooling	kWh/a	384	504	576	-	603	-	
	Heating		2098	2868	3202	-	3497	-	
Moisture Removal			2.5	2.5	3.0	4.0	3.0	4.5	
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	31 / 29 / 27 / 25	39 / 35 / 30 / 26	39 / 35 / 30 / 26	42 / 38 / 32 / 28	38 / 36 / 31 / 26	42 / 38 / 32 / 28
	Indoor (Heating)	H/M/L/Q		31 / 29 / 27 / 25	42 / 35 / 30 / 26	42 / 35 / 30 / 26	42 / 38 / 32 / 28	40 / 36 / 31 / 26	42 / 38 / 32 / 28
Outdoor(Cooling/Heating)	High	52 / 53		53 / 55	54 / 55	55 / 55	51 / 53	54 / 54	
Indoor(Cooling/Heating)	High	60 / 62		65 / 69	65 / 70	-	65 / 67	-	
Sound Power Level	Outdoor(Cooling/Heating)	High	67 / 70	68 / 69	69 / 70	-	67 / 69	-	
	Indoor / Outdoor	High	m <sup>3</sup> /h	1100 / 2470	1900 / 3600	1900 / 3800	2100 / 6750	1800 / 6200	2100 / 6750
Static pressure range (Standard)			Pa	30 to 150 (35)	30 to 150 (47)	30 to 150 (47)	0 to 150 (60)	30 to 150 (47)	30 to 150 (60)
Net Dimensions H x W x D	Indoor	mm	270×1135×700	270×1135×700	270×1135×700	270×1135×620	270×1135×700	270×1135×700	
		kg	38	40	40	40	40	40	
Weight	Outdoor	mm	578×790×315	830×900×330	830×900×330	1290×900×330	1290×900×330	1290×900×330	
		kg	44	61	61	86	104	104	
Remote Controller Type (Supplied with unit)			Wired	Wired	Wired	Wired	Wired	Wired	
Interconnecting Cable (Suggested cable size 1.5mm)			3 Core + Earth				3 Core + Earth		
Suggested MCB Size			Amp	15	20	25	25	10	10
Max. Operating Current	Cooling / Heating	Amp	12.0 / 13.5	17.0 / 17.0	18.5 / 20.0	21.0 / 21.0	8.5 / 8.5	9.5 / 9.5	
Power Supply To			Outdoor				Outdoor		
Connection Pipe Diameter (Gas & Liquid)			Inch	5/8 & 1/4	5/8 & 3/8	5/8 & 3/8	5/8 & 3/8	5/8 & 3/8	
Max Pipe Length (Factory Gas Charge Length)			m	30 (15)	50 (20)	50 (20)	50 (20)	75 (30)	75 (30)
Max Height Difference			m	20	30	30	15	30	30
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	R410A	
	Charge	g	1,700	2,100	2,100	3,350	3,450	3,450	
	Additional Charge	g/m	20	40	40	40	50	50	
Operation Range	Cooling	°CDB	-10 to 46	-15 to 46	-15 to 46	-10 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	-15 to 24	
System List Price			£	1993	2467	2662	2999	2882	3145

**Optional parts**

Wired Remote Controller:	UTYRVNYM	£104	Drain Pump Unit:	UTZPXINBA	£62
Simple Remote Controller:	UTYRSNYM	£83	IR Receiver Kit:	UTYLRHYM	£262
Flange (Round):	UTDRF204	£31	External Connect Kit:	UTDECSSA	£14
Flange (Square):	UTDSF045T	£42	Modbus Interface:	FJRCMBS1	£234
Long Life Filter:	UTDLF25NA	£95	KNX Interface:	FJRCKNX1i	£265
Remote Sensor Unit:	UTYXSZX	£56	WiFi Interface:	FJRCWIFI1	£234

(Refer to page 102 for accessory combinations)



**Dimensions**

(Unit : mm)

