

REFRIGERANT
R410A



The diagram illustrates the Air Stabilizer system. On the left, a circular inset shows a cross-section of the device with blue arrows indicating airflow and red lines showing the internal structure. A red-bordered box with the text "Air Stabilizer" is overlaid on this inset. To the right, a 3D cutaway view of the device shows the internal components: a "V-shaped heat exchanger" at the front, an "Efficient airflow design" in the middle, and a "High-efficiency DC fan motor" at the back, which is noted for "Lower power consumption".

Static pressure
??? Pa
It was necessary to calculate



Model name	Indoor unit		ARYG72LHTA		ARYG90LHTA	
	Outdoor unit		AOYG72LRLA		AOYG90LRLA	
Power Source	Indoor Outdoor		Single phase, ~230 V, 50 Hz 3-phase, ~400 V, 50 Hz			
Capacity	Cooling	Rated	19.0		22.0	
		Min.-Max.	8.4-20.9		10.3-24.2	
	Heating	Rated	22.4		27.0	
		Min.-Max.	7.2-24.6		8.5-29.7	
Input Power	Cooling/Heating		6.46/6.59		7.77/8.18	
EER	Cooling		2.94		2.83	
COP	Heating		3.40		3.30	
Max. Operating Current	Indoor (Cooling/Heating)		-		-	
	Outdoor (Cooling/Heating)		-		-	
Moisture Removal			l/h		4.5	
Sound Pressure	Indoor (Cooling)	H/M/L/Q	46/43/41/39		47/44/42/40	
		H/M/L/Q	46/43/41/39		47/44/42/40	
	Outdoor (Cooling/Heating)	High	55/55		55/57	
		High	4,300/8,400		4,300/8,400	
Airflow Rate	Indoor/Outdoor (Cooling)		4,300/8,400		4,300/9,000	
	Indoor/Outdoor (Heating)		4,300/8,400		4,300/9,000	
Static pressure range	Standard		Pa		50 to 150 (72)	
Net Dimensions	Indoor	mm	360 × 1,400 × 850		360 × 1,400 × 850	
H × W × D			1,428 × 1,080 × 480		1,428 × 1,080 × 480	
Weight	Indoor	kg	69		80	
	Outdoor	kg	165		174	
Connection Pipe Diameter (Liquid/Gas)			mm		12.7/25.4	
Drain Hose Diameter (I.D./O.D.)			mm		25/32	
Max. Pipe Length (Pre-Charge)			m		100 (30)	
Max. Height Difference			m		30	
Operating Range	Cooling	°CDB	-15 to 46		-15 to 46	
			-20 to 24		-20 to 24	
	Heating					
Refrigerant	Type (Global Warming Potential)		R410A (2.088)		R410A (2.088)	
	Charge		kg (CO2eq-T)		7.1 (14.825)	

Wired remote controller (Design type):	UTY-RVRY	WLAN adapter:	UTY-TFSXZ1	Network Converter for single split (DC power supply type):	UTY-VITGX
Compact wired remote controller:	UTY-RCRYZ1		FG-RCWIF12Z	Network Converter for single split (AC power supply type):	UTY-LBTVGXV
Wired remote controller (touch panel):	UTY-RNRYZ5		UTY-TFSXJ3	IR receiver unit:	UTY-LBTVHM
Wired remote controller:	UTY-RLRY		FG-ACWIF1Z1		UTY-LRHYM
	UTY-RNNYM	External input and output PCB:	UTY-XCSX	Silver Ion Filter:	UTD-HFKA
Simple remote controller (without operation mode):	UTY-RNRYM	Remote sensor unit:	UTY-XSZXZ1	(Outdoor unit)	
	UTY-RHRY	Long-life filter:	UTD-LFKA	External connect kit:	UTY-XWZXZ3
Simple remote controller:	UTY-RSRY	External connect kit:	UTY-XWZXZG		
External switch controller:	UTY-TERX	Drain pump unit:	UTZ-PXINAB		

The technical drawings illustrate the dimensions and components of the Air Handling Unit (AHU):

- Front View (Top Left):** Shows the air inlet with a width of 1,295 and a height of 53. The distance between the inlet and the service access is 1,200. The total height is 210, with a service access height of 316.
- Side View (Top Right):** Shows the unit's profile with a total height of 850 and a service access height of 781. The width is 1,440. The distance between the inlet and the service access is 1,400. The service access is labeled "Service access*" and "Control box". The minimum height for the service access is 500, and the minimum width is 700.
- Top View (Bottom Left):** Shows the unit's footprint with a width of 218 and a height of 158. The distance between the inlet and the service access is 1,200. The total width is 1,600, with a service access width of 280. The distance between the inlet and the service access is 158.
- Bottom View (Bottom Right):** Shows the air outlet with a width of 1,162 and a height of 210. The distance between the inlet and the service access is 1,100. The total height is 277, with a service access height of 255. The service access is labeled "Air outlet".
- Labels:** "Air inlet", "Air outlet", "Service access*", "Control box", "Fresh air inlet", "Liquid pipe", "Gas pipe", "Drain port".
- Notes:**
 - *The design of the service access depends on the installation. Refer to the installation manual for more information.

*The design of the service access depends on the installation method. Refer to the installation manual for more information.