



شرکت مهندسی و مشاوره صنایع مبتکران گلدیران
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Ceiling Conceald Duct - **HIGH EFFICIENCY** (INVERTER / 1 PHASE)

Combination	Outdoor unit		Unit	ABU24GM1T6	ABU24GM3T6	ABU24GM3T6	ABU24GM3T6	ABU24GM3T6		
	Indoor unit			ABU24GM1T6	ABU24GM3T6	ABU24GM3T6	ABU24GM3T6			
Cooling Capacity	T1*	Rated	kW	7.03	8.20	8.99	13.48	15.92		
			Btu/h	24,000	28,000	34,100	46,000	54,000		
	T3**	Rated	kW	5.86	7.05	8.49	11.59	12.86		
Power Input (Running Current)	T1*	Rated	W (A)	2,05 (9.00)	2,38 (10.50)	2,91 (12.80)	3,90 (17.10)	4,65 (22.60)		
			W (A)	2,30 (10.10)	2,74 (12.00)	3,22 (14.10)	4,27 (18.80)	5,07 (22.30)		
	T3**	Rated	Btu/h/W	11.71	11.76	11.72	11.75	11.61		
EEER	T3**	Rated	Btu/h/W	8.70	8.79	9.00	9.26	8.52		
Outdoor - Model Name				Unit	ABU24GM1T6	ABU24GM3T6	ABU24GM3T6	ABU24GM3T6		
Power Supply				V, Ø, Hz	220-230-240, 1, 50	220-230-240, 1, 50	220-230-240, 1, 50	220-230-240, 1, 50		
Power Supply Cable (included Earth)				No. x mm	3C x 2.5	3C x 2.5	3C x 2.5	3C x 6.0		
Dimensions	Net	W x H x D	mm	870 x 250 x 330	870 x 250 x 330	950 x 324 x 330	950 x 380 x 330	950 x 380 x 330		
			mm	1,026 x 693 x 446	1,026 x 693 x 446	1,065 x 918 x 461	1,140 x 1,462 x 431	1,140 x 1,462 x 431		
Weight	Net / Shipping	kg	kg	43.5 / 47.0	43.5 / 47.0	56.5 / 63.5	89.0 / 98.0	89.0 / 98.0		
			kg	43.5 / 47.0	43.5 / 47.0	56.5 / 63.5	89.0 / 98.0	89.0 / 98.0		
Compressor	Type	Model	Model x No.	Tw in Rotary						
				Hermetic Motor Compressor						
	Motor type	Motor Output	W x No.	BLDC						
				1,500 x 1						
Refrigerant	Type	Precharged Amount	Control	R410A						
				g						
	Fan	Type	Rated	Axial						
				Electronic Expansion Valve						
Fan Motor	Air Flow Rate	Type	Rated	50 x 1						
				50 x 1						
	Sound Pressure Level	Cooling	dB(A)	1,769 x 1						
				1,769 x 1						
Piping Length	Type - Output	W x No.	BLDC / 85 x 1	BLDC / 124 x 1						
				BLDC / 124 x 1						
	Sound Pressure Level	Cooling	dB(A)	50						
				50						
Maximum Height Difference (ODU - IDU)	Min	Max	m	5/50						
				30						
30										
30										
Indoor Model Name				Unit	ABU24GM1T6	ABU24GM3T6	ABU24GM3T6	ABU24GM3T6		
Power Supply				V, Ø, Hz	220-240, 1, 50	220-240, 1, 50	220-240, 1, 50	220-240, 1, 50		
Dimensions	Net	W x H x D	mm	950 x 270 x 700						
				1,250 x 360 x 700						
	Shipping	W x H x D	mm	1,100 x 338 x 773						
				1,450 x 428 x 773						
Weight	Net	W x H x D	mm	36.0						
				41.0						
	Shipping	W x H x D	mm	30.0						
				42.5						
Heat Exchanger	Rows x Columns x Fins	Face Area	m ²	3 x 15 x 18						
				3 x 16 x 18						
	Fan Type	Type / ESP (High Mode, Factory Set of P)	Output	BLDC / 60						
				BLDC / 60						
Air Flow Rate	H / M / L	m ³ /min	m ³ /min	16.0 / 16.5 / 14.5						
				30.0 / 25.0 / 20.0						
	Max	m ³ /min	m ³ /min	100.0 / 83.0 / 70.0						
				1,000 / 833 / 700						
Sound Pressure Level	H / M / L	dB(A)	dB(A)	37 / 35 / 32						
				36 / 33 / 31						
	Power and Communication Cable (included Earth)	No. x mm	mm	4C x 0.75						
				4C x 0.75						
Type / ESP (High Mode, Factory Set of P)				Unit	ABU24GM1T6	ABU24GM3T6	ABU24GM3T6	ABU24GM3T6		
Fan Motor				W x No.	135 x 1	154 x 1	154 x 1	400 x 1	400 x 1	
Service Bay				Output	Fuse	Fuse	Fuse	Fuse	Fuse	
Piping Connections	Liquid Side	mm (inch)	mm (inch)	69.52 (38)					69.52 (38)	69.52 (38)
				91.58 (58)					91.58 (58)	91.58 (58)
	Gas Side	mm (inch)	mm (inch)	25.4 (1.0)					25.4 (1.0)	25.4 (1.0)
				38.1 (1.5)					38.1 (1.5)	38.1 (1.5)
Sound Pressure Level	Draught Pipe	C/D, dB	mm (inch)	37 / 31.3					37 / 31.3	37 / 31.3
				46 / 41.4					46 / 41.4	46 / 41.4
Power and Communication Cable (included Earth)				No. x mm	4C x 0.75	4C x 0.75	4C x 0.75	4C x 0.75	4C x 0.75	

* Cooling: Indoor Temperature 27°C (80.6°F) DB / 19°C (66.2°F) WB, Outdoor Temperature 35°C (95°F) DB / 24°C (75.2°F) WB
** Heating: Indoor Temperature 20°C (68°F) DB / 15°C (59°F) WB, Outdoor Temperature 7°C (44.6°F) DB / 6°C (42.8°F) WB

