

راهنمای جامع سیستم‌های تهویه مطبوع داکت اسپلیت اینورتر ال‌جی Ceiling Conceald Duct



شرکت مهندسی و مشاوره صنایع مبتکران گلدیران
بلوار نلسون ماندلا • خیابان ناهید غربی • پلاک ۵۰
۲۳۰۰۸ (+۹۸۲۱) www.goldiranac.ir

Ceiling Conceald Duct - HIGH EFFICIENCY (INVERTER / 1 PHASE)

Combination	Outdoor unit		Unit	ABUQ24GM1T6	ABUQ30GM3T6	ABUQ36GM3T6	ABUQ48GM3T6	ABUQ54GM3T6
	Indoor unit			ABNQ24GM1T6	ABNQ30GM3T6	ABNQ36GM3T6	ABNQ48GM3T6	ABNQ54GM3T6
Cooling Capacity	T1*	Rated	kW	7.03	8.20	9.99	13.48	15.82
			Btu/h	24,000	28,000	34,100	46,000	54,000
	T3**	Rated	kW	5.86	7.05	8.49	11.59	12.66
			Btu/h	20,000	24,080	28,980	39,560	43,200
Power Input (Running Current)	T1*	Rated	kW (A)	2.05 (9.00)	2.38 (10.50)	2.91 (12.80)	3.90 (17.10)	4.65 (22.60)
	T3**	Rated	kW (A)	2.30 (10.10)	2.74 (12.00)	3.22 (14.10)	4.27 (18.80)	5.07 (22.30)
EER	T1*	Rated	(Btu/h)/W	11.71	11.76	11.72	11.79	11.61
	T3**	Rated	(Btu/h)/W	8.70	8.79	9.00	9.26	8.52
Outdoor - Model Name			Unit	ABUQ24GM1T6	ABUQ30GM3T6	ABUQ36GM3T6	ABUQ48GM3T6	ABUQ54GM3T6
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	220-230-240, 1, 50
Power Supply Cable (included Earth)			No. × mm²	3C × 2.5	3C × 2.5	3C × 2.5	3C × 6.0	3C × 6.0
Dimensions	Net	W × H × D	mm	870 × 650 × 330	870 × 650 × 330	950 × 834 × 330	950 × 1,380 × 330	950 × 1,380 × 330
	Shipping	W × H × D	mm	1,026 × 693 × 446	1,026 × 693 × 446	1,065 × 918 × 461	1,140 × 1,462 × 431	1,140 × 1,462 × 431
Weight	Net / Shipping		kg	43.5 / 47.0	43.5 / 47.0	56.5 / 63.5	89.0 / 98.0	89.0 / 98.0
Compressor	Type		-	Twin In Rotary		Hermetic Motor Compressor		
	Model		Model × No.	GKT208MAB x 1	GKT208MAB	GJT240MAA X 1	GPT442MAB X 1	GPT442MAB x 1
	Motor type		-	BLDC				
	Motor Output		W × No.	1,500 × 1	1,500 × 1	2,137 × 1	4,000 X 1	4,000 X 1
Refrigerant	Type		-	R410A				
	Precharged Amount		g	1,500	1,500	2,200	3,400	3,400
	Control		-	Electronic Expansion Valve				
Fan	Type		-	Axial	Axial	Axial	Axial	Axial
	Air Flow Rate	Rated	m³/min × No.	50 x 1	50 x 1	60 x 1	60 x 2	60 x 2
		Rated	ft³/min × No.	1,766 × 1	1,766 × 1	2,119 × 1	2,119 × 2	2,119 × 2
Fan Motor	Type - Output		W × No.	BLDC / 85 x 1	BLDC / 85 x 1	BLDC / 124 x 1	BLDC / 124 x 2	BLDC / 124 x 2
Sound Pressure Level	Cooling		dB(A)	50	50	51	55	55
Piping Length	Min./Max.		m	5/50	5/50	5/50	5/50	5/50
Maximum Height Difference (ODU ~ IDU)	Max.		m	30	30	30	30	30
Indoor Model Name			Unit	ABNQ24GM1T6	ABNQ30GM3T6	ABNQ36GM3T6	ABNQ48GM3T6	ABNQ54GM3T6
Power Supply			V , Ø , Hz	220-240, 1, 50	220-240, 1, 50	220-240, 1, 50	220-240, 1, 50	220-240, 1, 50
Dimensions	Net	W × H × D	mm	900 × 270 × 700	1,250 × 360 × 700	1,250 × 360 × 700	1,250 × 360 × 700	1,250 × 360 × 700
	Shipping	W × H × D	mm	1,100 × 338 × 773	1,450 × 428 × 773	1,450 × 428 × 773	1,450 × 428 × 773	1,450 × 428 × 773
Weight	Net		kg	25.0	36.0	36.0	41.0	41.0
	Shipping		kg	30.0	42.5	42.5	47.0	47.0
Heat Exchanger	Row s × Columns × FPI			3 x 13 x18	3 x 16 x 18	3 x 16 x 18	3 x 16 x 18	3 x 16 x 18
	Face Area		m²	0.21	0.30	0.30	0.30	0.30
Fan Type				Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan
Air Flow Rate		H / M / L	m³/min	18.0 / 16.5 / 14.5	30.0 / 25.0 / 20.0	30.0 / 25.0 / 20.0	40.0 / 34.0 / 28.0	50.0 / 45.0 / 40.0
		H / M / L	ft³/min	636 / 583 / 512	1060 / 883 / 706	1,060 / 883 / 706	1,413 / 1,201 / 989	1,766 / 1,589 / 1,413
		Max	m³/min	23.8	35.0	35.0	58.8	58.8
		Max	ft³/min	841	1,236	1,236	2,077	2,077
			Type / ESP (High Mode_Factory Set of Pa)					
Fan Motor	Output		W × No.	136.5 × 1	154 × 1	154 × 1	400 × 1	400 × 1
Safety Device				Fuse	Fuse	Fuse	Fuse	Fuse
Piping Connections	Liquid Side		mm (inch)	Φ9.52 (3/8)	Φ9.52 (3/8)	Φ9.52 (3/8)	Φ9.52 (3/8)	Φ9.52 (3/8)
	Gas Side		mm (inch)	Φ15.88 (5/8)	Φ15.88 (5/8)	Φ15.88 (5/8)	Φ19.05 (3/4)	Φ19.05 (3/4)
	Drain Pipe		O.D. / I.D.	mm	25.4 / 20.4	25.4 / 20.4	25.4 / 20.4	25.4 / 20.4
Sound Pressure Level	H / M / L		dB(A)	37 / 35 / 32	36 / 33 / 31	36 / 33 / 31	38 / 36 / 34	46 / 44 / 42
Power and Communication Cable (included Earth)			No. × mm²	4C × 0.75	4C × 0.75	4C × 0.75	4C × 0.75	4C × 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

