

OPTIMA SERIES

ADINA
Air Conditioning



High Efficiency **SEER 21**



INVERTER

Where Efficiency Meets Design!

With a sophisticated design and cutting-edge technology, the **OPTIMA SERIES** delivers superior comfort and energy efficiency. Its advanced engineering ensures quiet operation and precise temperature control, ideal for modern spaces. Additionally, it uses **R32 refrigerant gas**, which is more eco-friendly and efficient, improving performance and reducing environmental impact.

Experience a new era in climate control with a solution that adapts to your lifestyle.

Features



- Copper Coil with Aluminum Fins

- Protection **GOLDfin**



Anti-Fungus Function



Self-Cleaning



Sleep Mode



Self-Diagnosis Function



Timer



Ifeel



GOLD Fin



Auto-Restart

Technical Specifications

System Model			AOPT-12R32-110	AOPT-12R32-220	AOPT-18R32-220	AOPT-24R32-220
Indoor Unit			AOPT-12R32-110-I	AOPT-12R32-220-I	AOPT-18R32-220-I	AOPT-24R32-220-I
Outdoor Unit			AOPT-12R32-110-E	AOPT-12R32-220-E	AOPT-18R32-220-E	AOPT-24R32-220-E
Type			Cooling Only	Cooling Only	Cooling Only	Cooling Only
Technology			Inverter	Inverter	Inverter	Inverter
Cooling Capacity		BTU/hr	12,000	12,000	18,000	24,000
Energy Efficiency	SEER2	(Btu/hr)/W	21	21	21	21
Rated Capacity	Cooling	W	3520 (800-4000)	3517 (800-4100)	4982 (1290-5979)	6450 (1800-7400)
Rated Power Consumption	Cooling	W	1080 (230-1400)	940(230-1400)	1400 (300-2100)	1830 (350-2240)
Rated Running Current	Cooling	A	9 (2.2-12)	4.5(0.8-8.5)	6.2 (1.9-8.4)	7.5(1.5-10)
Max. Input Power		W	1700	1600	2200	3300
Max. Input Current		A	16	8	12	16
Power supply source		V/Ph/Hz	115V/60Hz	208-230V/60Hz	208-230~/60HZ	208-230~/60HZ
Refrigerant	R32	Charged	g	500	800	1050
Max. Discharge Pressure		Mpa	4.3	4.3	4.3	4.3
Max. Suction Pressure		Mpa	2.5	2.5	2.5	2.5
Air Flow Volume		m3/h	600	600	1050	1300
Indoor Noise level		dB (A)	42	41	49	52
Outdoor Noise level		dB (A)	52	52	54	59
Indoor unit weight (Net)		Kg	7.5	7.5	11.5	12.5
Outdoor unit weight (Net)		Kg	23	24	28	40

Indoor Unit

Fan system	Fan motor Type		DC	DC	DC	DC
Dimension	Net Dimension (WidthxDepthxHeight)	mm	762*295*200	761*295*200	960*316*222	1089*328*227
	Packing Dimension (WidthxDepthxHeight)	mm	825*367*277	825*367*277	1020*375*305	1155*397*312

Connection

Stop Valve	Liquid Valve	Inch(mm)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)
	Gas Valve	Inch(mm)	3/8 (9.52)	3/8 (9.52)	1/2 (12.7)	5/8 (15.88)

Outdoor Unit

Compressor Parameter	Brand		GMCC	SANYO	GMCC	SANYO
Fan system	Fan Motor Type		DC	DC	DC	DC
Dimension	Net Dimension (WidthxDepthxHeight)	mm	709*279*530	709*536*280	785*555*300	900*700*350
	Packing Dimension (WidthxDepthxHeight)	mm	825*345*595	825*595*345	903*615*382	1015*762*425