

High Efficiency **up to 20 SEER**

INVERTER



Style, Efficiency, and Freshness for your Space.

The **NOVA Series** incorporates **variable-speed Inverter technology**, achieving **energy efficiencies of up to 20 SEER**, verified through certified laboratory testing.

Its heat exchanger, made with copper tubing and aluminum fins, features **GOLD Fin anti-corrosion coating** and integrates self-diagnosis and automatic restart functions, ensuring continuous, stable, and high-performance operation.

Features

- Copper Coil with Aluminum fins
- **GOLDfin** Protection



Fast Cooling in 30
Seconds



Self-Cleaning



Sleep
Mode



Self-Diagnosis
Function



Timer



Dual Drainage



GOLD Fin



Automatic
Restart

Technical Specifications

System Model			NOV-A-12R3-110	NOV-A-12R3	NOV-A-18R3	NOV-A-24R3	NOV-A-36R3
Indoor Unit			NOV-A-12R3-110-I	NOV-A-12R3-I	NOV-A-18R3-I	NOV-A-24R3-I	NOV-A-36R3-I
Outdoor Unit			NOV-A-12R3-110-E	NOV-A-12R3-E	NOV-A-18R3-E	NOV-A-24R3-E	NOV-A-36R3-E
Type			Cooling Only	Cooling Only	Cooling Only	Cooling Only	Cooling Only
Technology			Inverter	Inverter	Inverter	Inverter	Inverter
Nominal Capacity	Btu/h		12000	12000	18000	24000	36000
Efficiency	W/W		SEER 20	SEER 17	SEER 20	SEER 17	SEER 17
Capacity	Btu/h		12000(2730-13649)	12000(4095-12967)	18000(4436-18085)	24000(6142-25933)	34000(6142-34122)
Power Consumption	W		1080(230-1400)	1320(240-1500)	1720 (230-1900)	2100(230-2500)	3400 (300-3700)
Current	A		9(2.2-12)	6.0(0.9-6.9)	8.5 (1.1-9)	10(1.0-11.5)	15 (1-16)
Power Input	W		1700	1600	1900	2800	3700
Current	A		16	9.0	9.0	13	17
Power Supply	V/Ph/Hz		115V~/1N/50&60Hz	208-230V~/1N/50&60Hz	208-230V~/1N/50&60Hz	208-230V~/1N/50&60Hz	208-230V~/1N/50&60Hz
Power Source			Outdoor Unit	Outdoor Unit	Outdoor Unit	Outdoor Unit	Outdoor Unit
Refrigerant	R32	g	500	400	580	780	2000
Pressure		PSI	623.6PSI	623.6PSI	623.6PSI	623.6PSI	623.6PSI
Pressure		PSI	362.5PSI	362.5PSI	362.5PSI	362.5PSI	362.5PSI
Air Flow		m3/h	600	600	950	1300	1600

Indoor Unit

Motor	Type	DC	DC	DC	DC	DC
Indoor Unit Noise Level	dB (A)	42/38/35/31/27	42/39/36/33/28	46/42/38/35/25	51/47/43/39/-	52/48/45/40/33
Indoor Unit Weight	Kg	7.5	8.0	10.5	12.5	16
Net Dimensions	mm	762X295X200	762×295×200	960×315×222	1089×328×227	1250×360×253
Packing Dimensions	mm	825X367X277	825×367×277	1020×375×305	1155×397×312	1340×445×355

Refrigeration Circuit

Liquid Line	Inches	1/4	1/4	1/4	1/4	1/4
Gas Line	Inches	3/8	3/8	3/8	5/8	5/8
Type		Capillary	Capillary	Capillary	Capillary	Capillary
Location		Outdoor Unit	Outdoor Unit	Outdoor Unit	Outdoor Unit	Outdoor Unit

Outdoor Unit

Compressor	Type	Rotary	Rotary	Rotary	Rotary	Rotary
	Brand	GMCC	GMCC	GMCC	GMCC	GMCC
	Model	KSN98D35UER31	KSN89D28UE4A31	KSN98D27UER31	KTN150D53UFZC3	KTM240D43UKUA2
Fan	Type	DC	DC	DC	DC	DC
Outdoor Unit Noise Level	dB (A)	52	53	53	57	58
Outdoor Unit Weight	Kg	23	17.0	21.5	30.5	46
Net Dimensions	mm	705×279×530	650×455×233	709×281×537	825×655×335	900×700×350
Packing Dimensions	mm	825×345×595	760×315×510	825×345×595	945×715×400	1020×770×430