



Virtus
SERIES

R32

Maximum Efficiency **SEER 22**

Our **VIRTUS** Mini Split Series Combines a modern and elegant design that adapts to any space. With built-in WiFi connectivity, it allows for remote control and performance optimization. Its lightweight and discreet structure creates a sophisticated, climate-controlled environment.

Discover the perfect harmony with
ADINA's VIRTUS Line!



Ultra-Low
Frequency
Control



Dust Removal
Reminder



Hidden
LED
Display



Soft Start



Mold
Resistance
Test



24-Hour Timer



Emergency
Button



Auto
Restart

• Copper Coils with
Aluminum Fins

• Protection **GOLDfin**



INVERTER

ADINA's VIRTUS
Elegance and Control
in Every Space!



System Model			VIRTU-C-1222	VIRTU-C-12110	VIRTU-C-1822	VIRTU-C-2422
Indoor Unit Model			VIRTU-C-1222-I	VIRTU-C-12110-I	VIRTU-C-1822-I	VIRTU-C-2422-I
Outdoor Unit Model			VIRTU-C-1222-E	VIRTU-C-12110-E	VIRTU-C-1822-E	VIRTU-C-2422-E
System Type			Split	Split	Split	Split
Power Supply type			Internal	Internal	Internal	Internal
Control Type			Remote	Remote	Remote	Remote
Efficiency (SEER)		(Btu/h)/W	22	22	22	22
Cooling	Capacity	BTU	12,000	12,000	18,000	24,000
Dehumidifying		L/h	1,2	1,2	1,8	2,7

Electrical Data

Power Supply	Ph-V-Hz	220-230V/60Hz	115V/60Hz	220-230V/60Hz	220-230V/60Hz
Power Input	W	974	974	1453	1927
Nominal Current	A	4,4	4,4	6,6	8,8
Peak Energy Consumption	W	1461	1461	2180	2891
Peak Current	A	6,8	13,1	10,2	13,5

Cooling Data

Compressor	Model		KSN98D21UEZ31	FTZ-AN098ACBA-G	FTZ-AM142AFBA-B	KTN150D53UFZ3
	Type		Rotary	Rotary	Rotary	Rotary
	Brand		GMCC	GREE	GREE	GMCC
Indoor Unit	Internal fan motor	Brand	Welling/Broad-Ocean/Tongde/LT	Welling/Broad-Ocean/Tongde/LT	Welling/Broad-Ocean/Tongde	Welling/Broad-Ocean/Tongde
		Capacitor	uF	1,2	2	3
		Motor Speed (High/Med/Low)	RPM	1320	1250	1150
	Evaporator	a.Rows of Tubing		2	2	2
		b.Tube schedule (a) X row schedule (b)		21x12.7	21x12.7	21x12.7
		c.Coil Material		Hydrophilic Aluminum	Hydrophilic Aluminum	Hydrophilic Aluminum
		d.Tube OD	mm	Φ7	Φ7	Φ7
		e.Coil dimentions LxHxW	mm	612x252x25.4	778x336x25.4	778x336x25.4
		f.Coil and Fin Material		Copper / Hydrophilic Aluminum	Copper / Hydrophilic Aluminum	Copper / Hydrophilic Aluminum
	Internal Air Flow		m3/h	550/500/450/400	820/720/620/520	1150/1080/1000/850
	Noise Levels		dB(A)	42/40/38/36	44/41/38/35	46/43/40/37
	Unit Dimentions (L X H X W)		mm	805*197*270	910*225*295	1030*223*3319
	Box Dimentions (L X H X W)		mm	864*265*332	1102*305*395	1102*305*395
Outdoor Unit	Outdoor Fan Motor	Brand	Welling/LT	Welling/LT	Welling/LT	Broad-Ocean
		Capacitor	uF	/	/	/
		Motor Speed	Rpm	900	900	850
	Condenser	a.Rows of Tubing		1	1	2
		b.Tube schedule (a) X row schedule (b)		19.5x11.6	19.5x11.6	19.5x11.6
		c.Coil Material		Hydrophilic Aluminum	Hydrophilic Aluminum	Hydrophilic Aluminum
		d.Tube OD	mm	Φ5	Φ5	Φ5
		e.Coil dimentions LxHxW	mm	655x507x11.6	748x507x11.6	742/712*585*23.2
		f.Coil and Fins Material		Copper / Hydrophilic Aluminum	Copper / Hydrophilic Aluminum	Copper / Hydrophilic Aluminum
	Noise Levels		dB(A)	50	54	55
	Unit Dimentions (L X H X W)		mm	660*530*250	780*560*270	820*635*310
	Box Dimentions (L X H X W)		mm	768x575x338	889x575x250	968x688x402
	Refrigerant Type			R32	R32	R32
	Refrigerant Load		Kg	0,4	0,4	0,97

Copper Pipe Connections

Coolant Copper Pipe	Liquid Connection		inch	1/4	1/4	1/4	1/4
	Gas Connection		inch	3/8	3/8	1/2	5/8
	Working Ambient Temperature Range (Cooling)		°C	16~52	16~52	16~52	16~52
	Working Ambient Temperature Range (Heating)		°C	-15~24	-15~24	-15~24	-15~24
	Coolant pipe max lenght		m	12	12	12	15
	Max height difference		m	7	7	7	8

Technical Specifications

System Model			VIRTU-C-3622
Indoor Unit Model			VIRTU-C-3622-I
Outdoor Unit Model			VIRTU-C-3622-E
System Type			Split
Power Supply type			Internal
Control Type			Remote
Efficiency (SEER)		(Btu/h)/W	22
Cooling	Capacity	BTU	36,000
Dehumidifying		L/h	3,7

Electrical Data

Power Supply	Ph-V-Hz	220-230V/60Hz
Power Input	W	2980
Nominal Current	A	14
Peak Energy Consumption	W	4483
Peak Current	A	21

Cooling Data

Compressor	Model		KTM240D57UMT	
	Type		Rotary	
	Brand		GMCC	
Indoor Unit	Internal fan motor	Brand		Welling/Broad-Ocean/Tongde/LT
		Capacitor	uF	2
		Motor Speed	RPM	1400
	Evaporadora	a.Rows of Tubing		2
		b.Tube schedule (a) X row schedule (b)	mm	21x12.7
		c.Coil Material		Hydrophilic Aluminum
		d.Tube OD	mm	φ7
		e.Coil dimentions LxHxW	mm	920x420x25.4
		f .Coil and Fins Material		Copper / Hydrophilic Aluminum
	Internal Air Flow		m3/h	550/500/450/400
	Noise Levels		dB(A)	1300/1200/100/900
	Unit Dimentions (L X H X W)		mm	1165*326*232
	Box Dimentions (L X H X W)		mm	1243+409*319
Outdoor Unit	Outdoor Fan Motor	Brand		Broad-Ocean
		Capacitor	uF	/
		Motor Speed	Rpm	900
	Condenser	a.Rows of Tubing		2
		b.Tube schedule (a) X row schedule (b)	mm	21x18.2
		c.Coil Material		Hydrophilic Aluminum
		d.Tube OD	mm	φ7
		e.Coil dimentions LxHxW	mm	965/935*756*36.4
		f .Coil and Fins Material		Copper / Hydrophilic Aluminum
	Noise Levels		dB(A)	60
	Unit Dimentions (L X H X W)		mm	920*810*340
	Box Dimentions (L X H X W)		mm	1059*877*453
	Refrigerant Type			R32
Refrigerant Load		Kg	1,45	

Copper Pipe Connections

Coolant Copper Pipe	Liquid Connection		inch	3/8
	Gas Connection		inch	5/8
	Working Ambient Temperature Range (Cooling)		°C	16~52
	Working Ambient Temperature Range (Heating)		°C	-15~24
	Coolant pipe max lenght		m	15
	Max height difference		m	8

Technology

ADINA INVERTER

Our Inverter technology regulates the compressor's operation and helps maintain a **consistent speed**, achieving significant energy savings.

