



IZER[®]

CATALOGUE **SEER 16-18**

IZER presents its innovative range of outdoor and indoor units, designed to deliver superior performance.

Engineered with cutting-edge technology, Izer's units ensure optimal cooling and heating solutions for residential, commercial, and industrial applications.

Built with durable materials and a focus on environmental sustainability, these systems offer reliable operation and easy maintenance.



Outdoor Unit

Inverter



Automatic
Restart



Multi-speed fan



Low noise
Level



Washable
Filter



Copper
tubing



Model name		Unit	VCU36S16S1	VCU48S16S1	VCU60S16S1
Code		Outdoor code	821039000061	821039000060	821039000060
Power supply		V/Ph/Hz	208~230-1-60	208~230-1-60	208~230-1-60
Cooling	Capacity	Btu/h	36000	48000	55000
	Capacity	W	10550	14000	16100
	Input	W	4000	5500	5500
	Rated current	A	19	30	30
Input consumption		W	600-4000	600-5500	600-5500
Current		A	2.5-19	2.5-30	2.5-30
Outdoor coil	Number of row		1	2	2
	Fin spacing	mm	1.4	1.4	1.4
	Fin material		Unhydrophilic aluminum	Unhydrophilic aluminum	Unhydrophilic aluminum
	Tube outside diameter	mm	φ7	φ7	φ7
	Tube material		Inner grooved	Inner grooved	Inner grooved
	Coil length x height x width	mm	2148×588×13.37	2136×798×26.76	2136×798×26.76
	Number of circuit		4	8	8
Compressor	Brand		GMCC	Mitsubishi	Mitsubishi
	Model		ATM240D57UFT	MNB40FEQMC	MNB40FEQMC
	Type		Twin-rotary	Twin-rotary	Twin-rotary
	Capacity	W/h	7190	12900	12900
	Input	W	1935	3960	3960
	Rated current(RLA)	A	8.85	14.8	14.8
	Refrigerant oil	ml	670	1100	1100
Outdoor fan motor	Brand		lvzhi	SINJUN	SINJUN
	Qty		1	1	1
	Model		YDK-110-8P2	YDK-230-6P2	YDK-230-6P2
	Output	W	110,00	230,00	230,00
	Output	W	38	200	200
	Running current	A	/	/	/
	Capacitor	μF	6μF/450V	12μF/450V	12μF/450V
	Speed	r/min	850	1100	1100
Outdoor air flow		m ³ /h	4500	6000	6000
Outdoor noise level		dB(A)	57	60	60
Outdoor dimension	Unit (WxHxD)	mm	740×740×635	740×740×835	740×740×835
	Packing (WxHxD)	mm	760×760×660	760×760×875	760×760×875
Net/Gross weight		kg	66/70	80/85	80/85
Refrigerant	Type		R410A	R410A	R410A
	Charge	kg	2.2	3.8	3.8
Refrigerant pipe	Liquid side/ Gas side	mm(inch)	3/8 / 3/4	3/8 / 3/4	3/8 / 3/4
	Max. refrigerant pipe length	m	25	30	30
	Max. difference in level	m	20	20	20
Operation temperature range			16~32	16~32	16~32
Ambient temperature range			16~50	16~50	16~50

Outdoor Unit

Inverter

IZER
SEER 18



Automatic
Restart



R-410A
environmentally
friendly
refrigerant.



Painted
galvanized
steel cabinet.



Washable
Filter



Condenser
coils constructed
with copper tubing



Model			VCU36S16S1-18	VCU48S16S1-18	VCU60S16S1-18
Code		Outdoor Code			
Electrical Data	Voltage-Phase-Hz	V-Ph-Hz	208/230V-1Ph-60Hz		
	Minimum Circuit Ampacity	A	19	25	29
	Max. Overcurrent Protection	A	30	40	50
	Min / Max Volts	V	187 / 253	187 / 253	187 / 253
Cooling	Capacity	Btu/h	34000	45500	54000
	EER2	Btu/h.W	10.6	10.8	10
	SEER2	Btu/h.W	16	16	16
Refer to Room Area	square feet		536	709	835
Compressor	Model		ATM240D57UFT	MNB42FCKMC-L	MNB42FCKMC-L
	Brand		GMCC	Mitsubishi	Mitsubishi
	Type		Twin-rotary DC	Twin-rotary DC	Twin-rotary DC
	Thermal protector	uf	internal	internal	internal
	Capacity	W/h	7130±5%	13780±5%	13780±5%
	Input	W	2200±5%	4040±5%	4040±5%
	Refrigerant oil	ml	870	1400	1400
	Rated current(RLA)	A	18.5	27.2	27.2
	Locked rotor Amp(LRA)	A	45	58.1	58.1
Outdoor motor	Model		YDK-110-8P2-AL	WZDK200-310G	WZDK200-310G
	Brand		Chigo	Panasonic	Panasonic
	Type		AC	DC	DC
	Rated HP	W	1/7	2/7	2/7
	Capacitor	μF	6	/	/
	Speed	rpm	850	1050	1050
	FLA	A	1.1	1.2	1.2
Outdoor Fan	material				
	Type				
	Diameter	In.	23	23-5/8	23-5/8
	Height	In.	4-3/8	4-1/2	4-1/2
	Air flow	CFM	2950	4100	4100
Outdoor coil	Number of row		2	2	2
	Tube outside dia	mm (in.)	7 (9/32)	7 (9/32)	7 (9/32)
	Fin spacing / Thickness / Type	mm / mm			
	Coil length x height x width	mm		(2136/2073) *26.74*798	
	Tube pitch(a) × row pitch(b)	mm	13.37 × 21	13.37 × 21	13.37 × 21
Outdoor noise level		dB(A)	62	64	65
Outdoor unit	Dimension (W×H×D)	mm		740×835×740	
		inch		29-1/8×32-7/8×29-1/8	
	Packing (W×H×D)	mm		760×875×760	
		in.		30/16×34-4/9×3	
	Net / Gross weight	kg	63.5/ 67	80/ 85	80/ 85
		lbs	139 / 147.7	176 / 187	176 / 187
Refrigerant system	Liquid side / Gas side	in.	3/8 / 3/4	3/8 / 7/8	3/8 / 7/8
	Factory charge R410A	oz	118.16	171.08	171.08
Operating temperatures			64-118	64-118	64-118
Shipping per STD40HQ			180	135	135

Air Handling Unit

Inverter

SEER 16 - 18



Multi-position
installation



Direct drive
motors
5-speed



Galvanized
steel



More energy
saving



Higher
capacity



Model			AHV36S18C1	AHV60S18C1
Power supply		V/Ph/Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz
Cooling	Capacity	Btu/h	34000	54000
	SEER2	Btu/h.W	16,0	15,8
Indoor coil	Number of rows		4×2	5×2
	Tube outside dia. / Type		7mm / Rifled tube	7mm / Rifled tube
	Fin spacing / Thickness / Type	mm / mm	1.6 / 0.095 / Hydrophilic aluminium	1.6 / 0.095 / Hydrophilic aluminium
	Coil length x height x width	mm	443*53.48*420	507*66.85*545
	Tube pitch(a) × row pitch(b)	mm	21 ×13.37	21 ×13.37
Indoor motor	type		ECM	ECM
	Rated output	HP	1/2	3/4
	Rated RPM	r/min	1050	1050
	FLA		1,4	4,4
Indoor fan	material		Galvanized plate	Galvanized plate
	Type		Centrifugal	Centrifugal
	Diameter	inch	11	11
	Height	inch	10-5/8	10-5/8
Indoor air flow		CFM	1020	1690
ESP		Pa	37,5	50
Indoor noise level		dB(A)	48	57
Metering device	Throttle type		TXV	TXV
	Model number		3TR	5TR
Electrical Data	Voltage-Phase-Hz	V-Ph-Hz	208/230V 1Ph 60Hz	208/230V 1Ph 60Hz
	Minimum Circuit Ampacity		2	6
	Max. Overcurrent Protection		3	6
	Min / Max Volts	V	187 / 253	187 / 253
Indoor unit	Dimension (W×H×D)	mm	500×1162×560	560×1350×620
		in.	19-5/8×45-3/4×22	22×53-1/8×24-1/2
	Packing (W×H×D)	mm	580×1210×650	640×1390×710
		in.	22-5/6×47-5/8×25-3/5	25-1/5×54-3/4×28
	Net / Gross weight	kg	59 / 65	80 / 86
		lbs	130/ 143	176 / 189
Refrigerant piping Liquid side / Gas side		in.	3/8 / 3/4	3/8 / 7/8
Shipping per STD40HQ			120	54