



Freedom
SERIES

High Efficiency **SEER 17**

Our FREEDOM equipment works with a **universal 24V signal**, which allows it to connect with any evaporator regardless of its brand. They have a **high efficiency SEER 17** performance, this makes our equipment have a higher energy performance compared to similar references in the market.



INVERTER

Versatile and universal!



Technical Specifications

Condenser

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SERIES

ADINA®
Air Conditioning



Model name		Universal Outdoor Unit	AFREE-T-CON3617	AFREE-T-CON6017
Power supply		V/Ph/Hz	208~230V/60Hz/1ph	208~230V/60Hz/1ph
Max. input consumption		W	4400	6700
Max. current		A	20	30.5
Starting current		A	/	/
Max Operating Pressure(MPa)	Discharge	MPa	4.2	4.2
	Suction	MPa	1.5	1.5
Compressor	Brand		GMCC	HIGHLY
	Model		KTM240D43UMT	GTH420SKPC8DQ
	Type		Rotary	Rotary
	Capacity	W	7740	11800
	Input	W	2065	3580
	Rated current(RLA)	A	9.4	15.8
	Locked rotor Amp(LRA)	A	/	/
	Thermal protector		/	/
	Capacitor	mF	/	/
	Refrigerant oil ml		620	1050
Outdoor coil	Number of row		2	2
	Fin spacing mm		1.2	1.2
	Fin material		Louver or Corrugated Fin	Louver or Corrugated Fin
	Tube outside diameter	mm	φ5	φ5
	Tube material		Innergroover tube type	Innergroover tube type
	Coil length x height x width	mm	2187×585×23.2	2187×800×23.2
	Number of circuit		4	10
Outdoor motor	Motor type		DC motor	DC motor
	Brand		BROADOCEAN	BROADOCEAN
	Model		ZW511D000018L	ZW511D000018L
	Capacitor	mF	/	/
	Speed rpm		1000	1050
		m3/h	5500	7000
		dB(A)	61	62
Outdoor dimension	Unit (WxHxD)	mm	740×633×740	740×843×740
	Packing (WxHxD)	mm	769×656×769	769×865×769
		kg	52	66
		kg	57	71
Refrigerant	Type		R410a	R410a
	Charge	g	2300	3000
Throttle type			electronic expansion valve	electronic expansion valve
Refrigerant pipe	Liquid side	mm	9.52	9.52
	Gas side	mm	15.88	19.05
	Max. refrigerant pipe length	m	25	30
	Max. difference in level	m	15	20
Ambient temperature range	Cooling	°C	5~48	5~48
	Heating	°C	/	/

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