

Wall-mounted Type Breeze Series



AHRI CERTIFIED

Breeze

Wall-mounted type Specification - Dual Zone

ODU			24000btu
Power supply		V/Ph/Hz	220-240/1/50
Capacity			
Cooling	Capacity	Btu/h	7000-21000
		kW	2.1-6.2
	Input	W	1930
	Rated current	A	8.8
	EER	W/W	3.21
Heating	SEER		6.3
	Capacity	Btu/h	8000-24000
		kW	2.3-7.0
	Input	W	2150
	Rated current	A	9.8
Max	COP	W/W	3.26
	SCOP		4
Compressor	Current	A	14.2
	Input	W	2880
Fan motor	Model		KSN140D21UFZ
	Type		DC
	Brand		GMCC
	Capacity	W	4370
	Input	W	1135
Outdoor coil	Refrigerant oil	ml	VG74(440ml)
	Model		DRN-310-75-8
	Type		DC
	Output	W	75
	Speed	r/min	860
Outdoor air flow(High speed)	Number of rows		2
	Tube pitch(a) x Row pitch(b)	mm	21*19.4
	Fin type		Hydrophilic
	Fin spacing	mm	1.5
	Tube outside dia. and type	mm	7
Sound pressure noise level			Inner screw
	Coil length x height x width	mm	793*650*38.8
Sound power noise level	Number of circuits		6
	Outdoor air flow(High speed)	m ³ /h	3300
Net dimension(W×H×D)	Sound pressure noise level	dB(A)	56
	Sound power noise level	dB(A)	66
Packing dimension(W×H×D)	Net dimension(W×H×D)	mm	938×702×382
	Packing dimension(W×H×D)	mm	975×770×435
Net/Gross weight	Net/Gross weight	kg	46.3/49.5
	Refrigerant quantity	g	1600
Refrigerant	Refrigerant		R32
	Pipe length without additional charge	m	5
	Refrigerant charge(Pipe length>5m)		forφ6.35 (Pipe length-5) *15g/m, forφ9.52
	Refrigerant charge(Pipe length>5m)		
Piping data			
Liquid side/Gas side		mm	3×(6.35/9.52)
Max. pipe length (total)		m	45
Max. height difference between indoor unit and outdoor unit(ODU below)		m	10
Max. height difference between indoor unit and outdoor unit(ODU above)		m	10
Max. height difference between indoor unit and indoorunit		m	5
Main power of outdoor unit cable			3*4mm ²
Connecting wire of indoor unit and outdoor unit			4*1mm ²
Ambient temperature	Cooling	°C	-15~52
	Heating	°C	-15~34
Application area		m ²	3* (10~15)

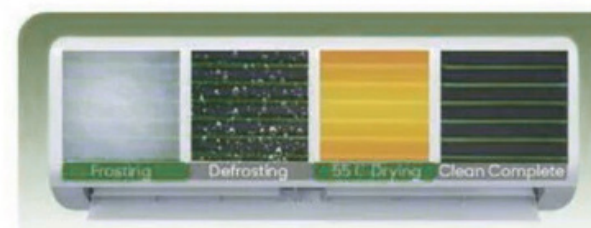
3D Airflow

By the vertical and horizontal louver driven by the stepping motors,it achieves a wider air supply angle at longer distance.



Self-Cleaning

Evaporator is frosted to freeze the dirt on the fin then start defrosting to generate a large amount of water to brush the dirt.After 55℃ quick-drying, the evaporator become & more sterile.



Wall mounted IDU			12000btu
Power supply		V/Ph/Hz	220~240/1/50
Capacity			
Cooling	Capacity	Btu/h	12000
		kW	3.5
Heating	Capacity	Btu/h	13000
		kW	3.8
Max	Current	A	0.4
	Input	W	45
Physicial data			
Fan motor	Model		YDK-15-4P3-AL
	Type		AC
	Output	W	13
	Capacitor	μF	1.5
	Speed(L/M/H/T)	r/min	800/1100/1220/1250
Indoor coil	Number of rows		2
	Tube pitch(a)xrow pitch(b)	mm	21*13.37
	Fin type		Hydrophilic
	Fin spacing	mm	1.3
	Tube outside dia. and type	mm	7
Indoor air flow(Hi)		m ³ /h	550
Sound power noise level (Hi)		dB(A)	50
Net dimension(W×H×D)		mm	864*300*200
packing dimension(W×H×D)		mm	950*380*290
Net/Gross weight		kg	9.5/11.5
Piping data			
Liquid/Gas		mm	6.35/9.52
Drainage pipe		mm	DN17
Application area		m ²	16~23

Model			12K	12K
Indoor power supply		V/Ph/Hz	115-1-60	208/230-1-60
Cooling	Capacity	Tons	1.0	1.0
		Btu/h	11800	11800
		Btu/h	3450~12800	3450~12800
	EER	10.60	10.60	
	SEER	19.0	19.0	
Heating	Capacity @ 47°F	Btu/h	12000	12000
	Capacity @ 17°F	Btu/h	9000	9000
	Capacity MIN - MAX	Btu/h	3800~13500	3800~13500
	COP @ 47°F	W/W	3.20	3.20
	HSPF		9.50	9.50
Energy Star				
Minimum circuit ampacity (MCA)		A	15.0	8.0
Maximum current rating of overcurrent protection		A	15.0	10.0
Max.fuse		A	15.0	10.0
Compressor	Type		DC/Rotary	DC/Rotary
	Model		KSN98D22UFZ	KSN98D22UFZ
	Brand		GMCC	GMCC
	Capacity	KW	3.095	3.095
	Power input	W	790	790
	Current input	A	5.4	5.4
Outdoor fan motor	Type		DC	DC
	Model		DRN-310-34-8-1	DRN-310-34-8-1
	Brand		Weiling	Weiling
	to modify the specification without prior notice. Please confirm the final specifications with sales			
	Power input	W	50	50
	Current input	A	0.8	0.4
	Power output	W	34	34
	Capacitor	μF	-	-
	Speed	r/min	900/650/500	900/650/500
	Insulation class		E	E
Outdoor coil	Number of rows		1	1
	Fin type		Hydrophilic	Hydrophilic
	Tube type		inner grooved	inner grooved
Refrigerant	Type		R410A	R410A
	Charge	g/oz	830/29.3	830/29.3
Throttle part			Capillary	Capillary
Minimum circuit ampacity (MCA)		A	0.4	0.4
Maximum current rating of overcurrent protection		A	1	1.0
Max.fuse		A	5	5
Indoor fan motor	Model		DR-310-13-8	DR-310-13-8
	Brand		Weiling	Weiling
	to modify the specification without prior notice. Please confirm the final specifications with sales			
	Power input	W	35	35
	Power input	A	0.6	0.3
	Power output	W	13	13
	Capacitor	μF	-	-
	Insulation class		E	E
	RLA	A	0.3	0.3
	Speed (H/M/L) @cooling mode	r/min	1220/1100/800	1220/1100/800
	Speed (H/M/L) @heating mode	r/min	1220/1100/900	1220/1100/900
Indoor coil	Number of rows		2	2
	Tube type		inner grooved	inner grooved
Outdoor air flow		CFM	1176	1176
Indoor air flow		CFM	380	380
Outdoor noise	power level	dB(A)	53	53
	pressure level		42	42
Indoor noise	power level (H)	dB(A)	42	42
Outdoor unit	Dimension(W*H*D)	mm	805*495*305	805*495*305
		in	31.69*19.49*12.01	31.69*19.49*12.01
	Packing(W*H*D)	mm	850*550*350	850*550*350
		in	33.46*21.65*13.78	33.46*21.65*13.78
	Net/Gross weight	kg	25/28	25/28
		lbs	52.9/57.3	52.9/57.3
Indoor unit	Dimension(W*H*D)	mm	864*300*200	864*300*200
		in	34.02*11.81*7.87	34.02*11.81*7.87
	Packing(W*H*D)	mm	950*380*290	950*380*290
		in	37.4*14.96*11.42	37.4*14.96*11.42
	Net/Gross weight	kg	9.5/11.5	9.5/12.5
		lbs	20.9/25.4	20.9/27.6
Refrigerant piping	Liquid side/Gas side	mm	Φ6.35-Φ9.52	Φ6.35-Φ9.52
		in	1/4-3/8	1/4-3/8
	Max. pipe length	ft (m)	82 (25)	82 (25)
	Max. high drop	ft (m)	33 (10)	33 (10)
Ambient temperature	Cooling	℃	0~50	0~50
		℉	32-122	32-122
	Heating	℃	-15~30	-15~30
		℉	5-86	5-86
Operation temperature	Cooling	℃	16~32	16~32
		℉	61~90	61~90
	Heating	℃	15.5~32	15.5~32
		℉	60~90	60~90

Wall-mounted type Specification - Single Zone



Ionizer & Plasma

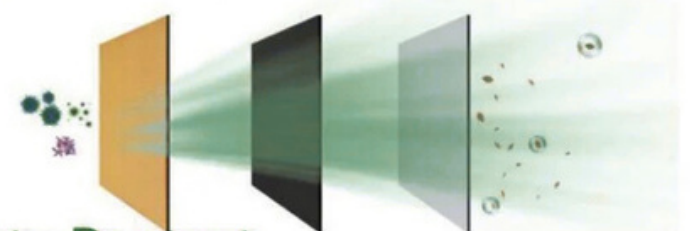
Built in generator of ionizer & plasma helps to sterilization, smoke elimination, dust removal, eliminate odor, greatly improve the air quality.



Multi-Function Filter

Multifunctional 4-in-1 filter: purify the air, healthy and comfort.

Vitamin C Filter
 Cold Catalyst Filter
 Silver Ion Filter



Auto Restart

When power is restored, the unit will automatically run according to the settings before the power failure.