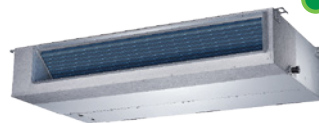


MULTI-ZONE SERIES

Product Catalog





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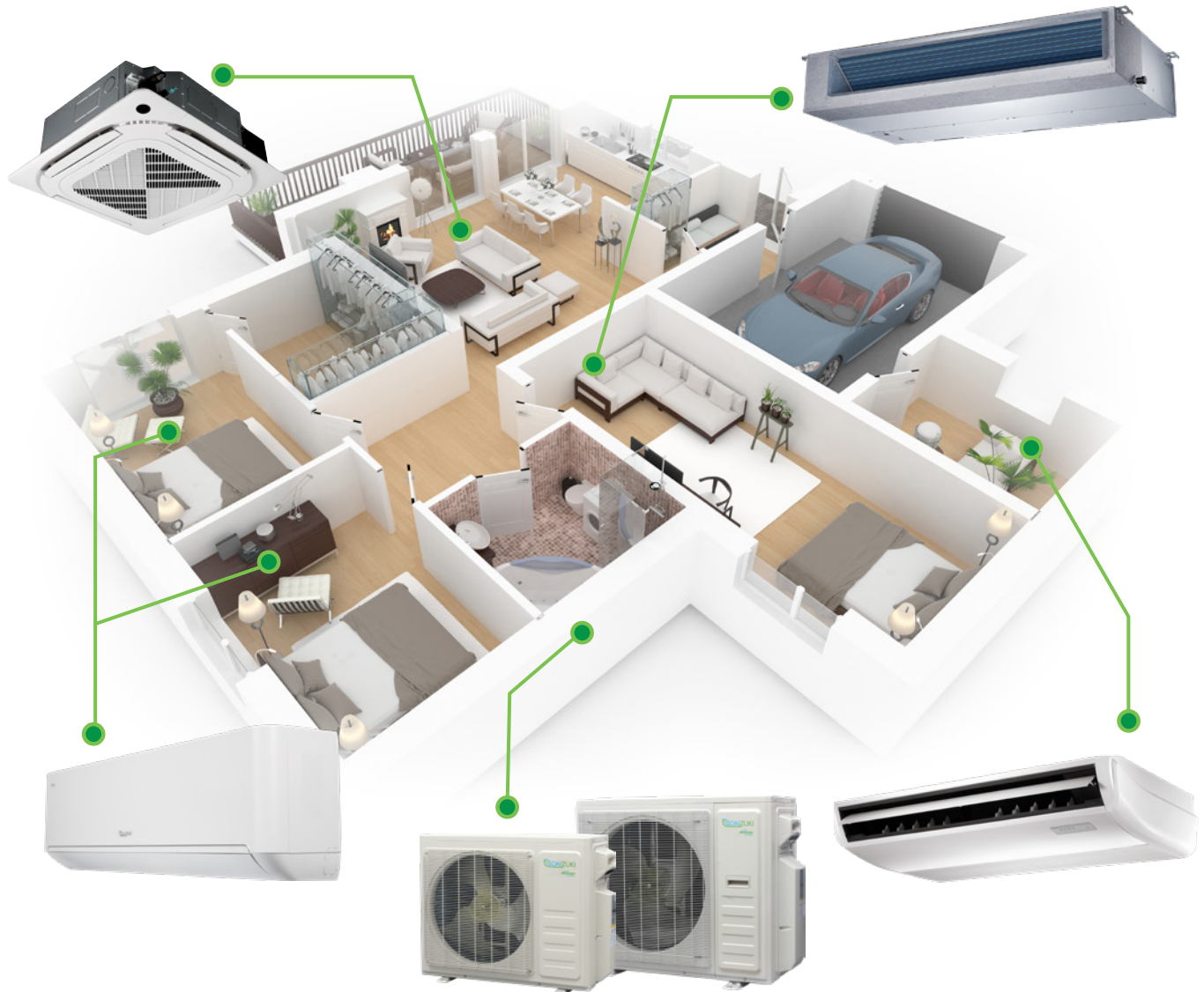
ADVANTAGES OF A FLEX-MOUNT MULTI-ZONE SYSTEM

A Multi-Zone system, also known as a Flex-Mount HVAC (Heating, Ventilation, and Air Conditioning) system, allows you to control the temperature in different rooms or areas of your house independently.

Each room or zone has its own thermostat and unit, which provides more precise temperature control and customization options.

The ability to customize the temperature in each room is especially beneficial for bedrooms. People often have different temperature preferences when it comes to their sleeping environment.

With a Multi-Zone system, individuals can set the desired temperature specifically for their bedrooms, ensuring optimal comfort during sleep.



This customization feature also offers advantages in other areas of the house. For example, if you have a home office or a living room that receives a lot of sunlight, you can adjust the temperature accordingly to maintain a comfortable working or living environment.

Overall, a Multi-Zone system provides better temperature control and accuracy throughout your house, allowing you to tailor the climate to your specific needs in each room or area.



FLEX-MOUNT MULTI-ZONE

DXFMT Series

Outdoor Unit



DXMHT Series

High Wall Unit
Wi-Fi Built-In



DXFCT Series

Floor-Ceiling Unit



DXCCT Series

Ceiling Cassette Unit



DXFUT Series

Fan Coil Unit



COMBINATION TABLE

TWO ZONE CONDENSER DXFMT-1824-2Z

One Unit		Two Units	
9	12	9+9	12+12
		9+12	

THREE ZONE CONDENSER DXFMT-2724-3Z

Two Units			Three Units	
9+9	12+12	18+18	9+9+9	12+12+12
9+12	12+18		9+9+12	
9+18			9+9+18	
			9+12+12	

FOUR ZONE CONDENSER DXFMT-3624-4Z

Two Units				Three Units		Four Units	
9+18	12+12	18+18	24+24	9+9+9	12+12+12	9+9+9+9	12+12+12+12
9+24	12+18	18+24		9+9+12	12+12+18	9+9+9+12	
	12+24			9+9+18	12+12+24	9+9+9+18	
				9+9+24	12+18+18	9+9+12+12	
				9+12+12		9+9+12+18	
				9+12+18		9+12+12+12	
				9+12+24			
				9+18+18			

FIVE ZONE CONDENSER DXFMT-4224-5Z

(Minimum of 2 indoor units must be installed)

Two Units		Three Units			Four Units		Five Units	
9+24	18+18	9+9+18	12+12+12	18+18+18	9+9+9+9	12+12+12+12	9+9+9+9+9	12+12+12+12+12
12+24	18+24	9+9+24	12+12+18	18+18+24	9+9+9+12	12+12+12+18	9+9+9+9+12	
	24+24	9+12+12	12+12+24		9+9+9+18	12+12+12+24	9+9+9+9+18	
		9+12+18	12+18+18		9+9+9+24	12+12+12+24	9+9+9+9+24	
		9+12+24	12+18+24		9+9+12+12	12+12+18+18	9+9+9+12+12	
		9+18+18	12+24+24		9+9+12+18		9+9+9+12+18	
		9+18+24			9+9+12+24		9+9+9+12+24	
		9+24+24			9+9+18+18		9+9+12+12+12	
					9+9+18+24		9+9+12+12+18	
					9+12+12+12		9+12+12+12+12	
					9+12+12+18			
					9+12+12+24			
					9+12+18+18			

Properly sizing both the outdoor and indoor units ensures that the HVAC system operates efficiently, maintains comfort conditions in each zone, and prevents overloading the outdoor unit. Operational demand of all combined indoor units BTU output should not exceed the BTU rating of the outdoor unit.

Flex-Mount Multi-Zone Efficiency Chart	Outdoor Unit	Non Ducted/Ducted	SEER2	EER2	HSPF2-IV	HSPF2-V
	DXFMT-1824-2Z	Non Ducted	20	10.5	8.5	7.3
		Ducted	21.0	12.00	9.5	8.2
		Mix	20.5	11.25	9	7.75
	DXFMT-2724-3Z	Non Ducted	20.0	10.5	8.5	7.3
		Ducted	22.0	12.0	9	7.8
		Mix	21	11.25	8.75	7.55
	DXFMT-3624-4Z	Non Ducted	19	10.5	8.5	7.3
		Ducted	20	11.7	8.5	7.3
		Mix	19.5	11.1	8.5	7.3
	DXFMT-4224-5Z	Non Ducted	19	10	8.5	7.3
		Ducted	20	11.7	8.5	7.3
		Mix	19.5	10.85	8.5	7.3

NOTE: If the total indoor units load exceeds the nominal capacity of the outdoor unit, the practical output capacity of each indoor unit will be correspondingly attenuated. This situation is most evident during heating mode.

FLEX-MOUNT MULTI-ZONE

DXFMT Series

Flex-Mount Outdoor Models

Ribbed Top Cover

The ribbed top cover reinforces the unit's structure, providing greater strength and rigidity. Its design effectively keeps rain and sand away from the unit. The high-quality paint finish ensure long-lasting durability, corrosion resistance, and a consistently sleek appearance over time.

Water and Fireproof Sealed E-box

The E-box is sealed with water & fireproof metal plate material and double-slot-tight buckles which serve as protection against rain or humidity and precaution for any possible leakage.



CONDENSER FEATURES



DC Inverter Compressor



DC Fan Motor



Anti-Cold Air Function



Low Outdoor Ambient Temperature Operation -13°F



Diamond Edged And T-Shaped Top Cover Design



Water And Fireproof Sealed E-Box



Intelligent Auto-Defrost Technology



Auto Restart



Refrigerant Leak Detection Sensor



Self-Diagnostic Programming



High Efficiency Heat Exchange Design



Built In Base Pan Heater



Blue Fin Hydrophilic Coating Treatment



Easy Maintenance



DXFMT Series

Flex-Mount Non-Ducted - Outdoor Models
Heat Pump



Indoor Unit			NON-DUCT	NON-DUCT	NON-DUCT	NON-DUCT
Outdoor Unit Model			DXFMT-1824-2Z	DXFMT-2724-3Z	DXFMT-3624-4Z	DXFMT-4224-5Z
Rated Cooling Capacity	Btu/h		20000	28000	35000	45000
Rated Heating Capacity	Btu/h		20000	28000	37000	45000
SEER2	Btu/W.h		20.0	20.0	19.0	19.0
EER2	Btu/W.h		10.5	10.5	10.5	10.0
HSPF2-IV	Btu/W.h		8.5	8.5	8.5	8.5
HSPF2-V	Btu/W.h		7.3	7.3	7.3	7.3
COP2 (47°F/8.33°C)	W/W		3.21	3.21	3.21	3.11
COP2 (5°F/-15°C)	W/W		1.80	1.80	1.80	1.80
Rated Power Input	Cooling	W	1370	2020	2930	3550
	Heating		1410	1980	2680	3260
Rated Current	Cooling	A	6.1	9.1	13.1	15.9
	Heating		6.3	8.9	12.0	14.6
Min. Circuit Ampacity		A	16	18	22	28
Max. Ckt. Bkr (MOP)			25	30	35	45
Max. Fuse Size			25	30	35	45
Connection Wiring	AWG	16AWGx4 Stranded, unshielded, TC-ER Type				
Compressor	Model		C-6RZ180H1AAF	KTM240D43UMT	MTD280SKPC8LT8C	MTH356SKPC8FQL
	Type		Dual-Rotary	Dual-Rotary	Dual-Rotary	Dual-Rotary
	Brand		SANYO	GMCC	HIGHLY	HIGHLY
Fan Motor	Model		ZW511B50037	ZW511B500077	ZW511D000017	ZW511D000017
	Type		DC	DC	DC	DC
	Brand		Broad-Ocean	DAYANG	DAYANG	DAYANG
Outdoor Air Flow (H)	CFM		1471	1647	1882	1882
	m3/h		2500	2800	3200	3200
Noise Level	dB(A)		58	62	65	65
Connecting Pipe	Gas	in	3/8	3/8	3/8	3/8
	Liquid	in	1/4	1/4	1/4	1/4
Throttling Mode			EEV	EEV	EEV	EEV
Refrigerant Precharge	oz / g		60.01 / 1700	77.66 / 2200	98.84 / 2800	120.02 / 3400
Pre-Charge Length Total	ft / m		49 (15)	74 (22.5)	98 (30)	123 (37.5)
Lineset Length (Max) - Total	ft / m		131 (40)	197 (60)	263 (80)	295 (90)
Lineset Length (Max) - Each	ft / m		82 / 25	98 / 30	98 / 30	98 / 30
Max. Line Set Height Difference Btwn. ODU & Furthest IDU	ft / m		49 / 15	49 / 15	49 / 15	49 / 15
Max. Line Set Height Difference Btwn. IDU	ft / m		33 / 10	33 / 10	33 / 10	33 / 10
Additional Charge	Φ6.35 (1/4") Liquid Pipe	oz/ft	0.11	0.11	0.11	0.11
	Φ9.52 (3/8") Liquid Pipe	oz/ft	0.22	0.22	0.22	0.22
Indoor Temperature Range	Indoor (Cooling/Heating)	°F	61~86	61~86	61~86	61~86
	Outdoor (Cooling/Heating)		5~131/-13~86	5~131/-13~86	5~131/-13~86	5~131/-13~86
	Indoor (Cooling/Heating)	°C	16~30	16~30	16~30	16~30
	Outdoor (Cooling/Heating)		-15~55/-25~30	-15~55/-25~30	-15~55/-25~30	-15~55/-25~30
Net Dimensions (WxHxD)	in		36.50 x 27.52 x 14.96	38.50x31.61x16.57	42.28x33.58x18.42	42.28x33.58x18.42
	mm		927x699x380	978x803x421	1074x853x468	1074x853x468
Net Weight	lb / kg		92.6 / 42	119.0 / 54	145.5 / 66	174.2 / 79
Packing Dimensions (WxHxD)	in		37.79x28.81x16.92	40.23x32.87x18.89	44.68x38.18x20.86	44.68x38.18x20.86
	mm		960x732x430	1022x835x480	1135x970x530	1135x970x530
Gross Weight	lb / kg		99.2 / 45	127.9 / 58	169.8 / 77	198.4 / 90



DXFMT Series

Flex-Mount Ducted - Outdoor Models
Heat Pump

Indoor Unit			DUCTED	DUCTED	DUCTED	DUCTED
Outdoor Unit Model			DXFMT-1824-2Z	DXFMT-2724-3Z	DXFMT-3624-4Z	DXFMT-4224-5Z
Rated Cooling Capacity		Btu/h	17000	27000	34000	41000
Rated Heating Capacity	47°F/8.33°C		19000	27000	36000	42000
	17°F/-8.33°C		17400	19500	22400	29400
	5°F/-15°C		16000	19000	25200	30400
SEER2		Btu/W.h	21.0	22.0	20.0	20.0
EER2 95°F/35°C			12.0	12.0	11.7	11.7
HSPF2-IV			9.5	9.0	8.5	8.5
HSPF2-V			8.2	7.8	7.3	7.3
COP2 (47°F/8.33°C)		W/W	3.51	3.4	3.2	3.2
COP2 (5°F/-15°C)			1.90	1.90	1.90	1.90
Rated Power Input	Cooling	W	1370	2020	2930	3550
	Heating		1410	1980	2680	3260
Rated Current	Cooling	A	6.1	9.1	13.1	15.9
	Heating		6.3	8.9	12.0	14.6
Min. Circuit Ampacity			16	18	22	28
Max. Ckt. Bkr (MOP)			25	30	35	45
Max. Fuse Size		25	30	35	45	
Connection Wiring		AWG	16AWGx4 Stranded, unshielded, TC-ER Type			
Compressor		Model	C-6RZ180H1AAF	KTM240D43UMT	MTD280SKPC8LT8C	MTH356SKPC8FQL
		Type	Dual-Rotary	Dual-Rotary	Dual-Rotary	Dual-Rotary
		Brand	SANYO	GMCC	HIGHLY	HIGHLY
Fan Motor		Model	ZW511B50037	ZW511B500077	ZW511D000017	ZW511D000017
		Type	DC	DC	DC	DC
		Brand	Broad-Ocean	DAYANG	DAYANG	DAYANG
Outdoor Air Flow (H)		CFM	1471	1647	1882	1882
		m3/h	2500	2800	3200	3200
Noise Level		dB(A)	58	62	65	65
Connecting Pipe	Gas	in	3/8	3/8	3/8	3/8
	Liquid	in	1/4	1/4	1/4	1/4
Throttling Mode			EEV	EEV	EEV	EEV
Refrigerant Precharge		oz / g	60.01 / 1700	77.66 / 2200	98.84 / 2800	120.02 / 3400
Pre-Charge Length Total		ft / m	49 / 15	74 / 22.5	98 / 30	123 / 37.5
Lineset Length (Max) - Total		ft / m	131 / 40	197 / 60	263 / 80	295 / 90
Lineset Length (Max) - Each		ft / m	82 / 25	98 / 30	98 / 30	98 / 30
Max. Line Set Height Difference Btwn. ODU & Furthest IDU		ft / m	49/15	49/15	49/15	49/15
Max. Line Set Height Difference Btwn. IDU		ft / m	33 / 10	33 / 10	33 / 10	33 / 10
Additional Charge	Φ6.35 (1/4") Liquid Pipe	oz/ft	0.11	0.11	0.11	0.11
	Φ9.52 (3/8") Liquid Pipe	oz/ft	0.22	0.22	0.22	0.22
Indoor Temperature Range		Indoor (Cooling/Heating)	°F	61~86	61~86	61~86
		Outdoor (Cooling/Heating)		5~131/-13~86	5~131/-13~86	5~131/-13~86
		Indoor (Cooling/Heating)	°C	16~30	16~30	16~30
		Outdoor (Cooling/Heating)		-15~-55/-25~30	-15~-55/-25~30	-15~-55/-25~30
Net Dimensions (WxHxD)		in	36.50 x 27.52 x 14.96	38.50x31.61x16.57	42.28x33.58x18.42	42.28x33.58x18.42
		mm	927x699x380	978x803x421	1074x853x468	1074x853x468
Net Weight		lb / kg	92.6 / 42	119.0 / 54	145.5 / 66	174.2 / 79
Packing Dimensions (WxHxD)		in	37.79x28.81x16.92	40.23x32.87x18.89	44.68x38.18x20.86	44.68x38.18x20.86
		mm	960x732x430	1022x835x480	1135x970x530	1135x970x530
Gross Weight		lb / kg	99.2 / 45	127.9 / 58	169.8 / 77	198.4 / 90

DXMHT Series

High Wall Indoor Unit

Up To
24 SEER2
Low Ambient



HIGH WALL FEATURES



Auto Swing For Vertical And Horizontal Airflow Direction



Fully Modulating 5 Speed Indoor Fan



Wi-Fi Ready



High Density Hygienic Air Filter



iFeel Temperature Control



Intelligent Sleep Function



Auto Defrost



Auto Restart



Turbo Mode



Mute Operation



Self-Diagnostic Programming



Blue Fin Hydrophilic Coating Treatment



Refrigerant Leakage Alarm



Independent Dehumidification



Multiple Controllers: Control Remote (included),
Smartphone (through Alexa and Google Dot),
Wired Wall Thermostat (optional)

Indoor Unit Model		DXMHT09E424-24	DXMHT12E424-24	DXMHT18E424-23	DXMHT24E424-22
Power Supply	V/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
Capacity	Btu/h	9000	12000	18000	24000
Condensate Drain Connection Diameter	in / mm	5/16 / OD ϕ 16mm	5/16 / OD ϕ 16mm	5/16 / OD ϕ 16mm	5/16 / OD ϕ 16mm
Fan Motor	Brand	Weilling	Weilling	Broad-Ocean	Broad-Ocean
	Type	DC	DC	DC	DC
Indoor Airflow	CFM	326/282.5/235/188/153	500/470/411/323/205	735/676/529/423/394	735/676/529/423/394
	m3/h	554/480/400/320/260	850/800/700/550/350	1250/1150/900/720/670	1250/1150/900/720/670
Noise Level (Turbo/Hi/Mi/Lo/Mute)	dB(A)	43/40/33/31/30	46/44/36/32/30	50/47/43/38/34	50/47/43/38/34
Connecting Pipe	Gas	in	3/8	1/2	5/8
	Liquid	in	1/4	1/4	1/4
Net Dimensions (W x H x D)	in	32.28x12.05x7.68	36.22x12.05x7.68	43.18x13.07x8.74	43.18x13.07x8.74
	mm	820x306x195	920x306x195	1097x332x222	1097x332x222
Net Weight	lbs / kg	20.7 / 9.4	23.1 / 10.5	30.9 / 14.0	30.9 / 14.0
Packing Dimensions (W x H x D)	in	35.04x14.96x10.43	38.98x14.96x10.43	45.87x15.95x11.61	45.87x15.95x11.61
	mm	890x380x265	990x380x265	1165x405x295	1165x405x295
Gross Weight	lbs / kg	25.1 / 11.4	30.9 / 14.0	35.3 / 16.0	35.3 / 16.0

CONTROLS

Wireless Remote Control

High Wall

Features:



Fahrenheit / Celsius
and Timer Display



Fan Speed Selection



Mute Function Display



Sleep Function Display



Function Mode



ON/OFF Mode



Control Lock



iFeel Mode



Smartphone

Features:



Fahrenheit / Celsius
and Timer Display



Fan Speed Selection



Mute Function Display



Sleep Function Display



Function Mode



ON/OFF Mode



Control Lock



iFeel Mode

