

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
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	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