



**23
SEER**

Up to

DXTHA-23 SERIES
MINI SPLIT SYSTEM
HEAT PUMP



DXTHA-23 Series Technical Specification Heat Pump							
Model		DXTH09X416A-23	DXTH09X426A-23	DXTH12X416A-23	DXTH12X426A-23	DXTH18X426A-23	DXTH24X426A-23
Indoor Model		DXTH09E416A-23	DXTH09E426A-23	DXTH12E416A-23	DXTH12E426A-23	DXTH18E426A-23	DXTH24E426A-23
Outdoor Model		DXTH09C416A-23	DXTH09C426A-23	DXTH12C416A-23	DXTH12C426A-23	DXTH18C426A-23	DXTH24C426A-23
Type		Cooling & Heating	Cooling & Heating	Cooling & Heating	Cooling & Heating	Cooling & Heating	Cooling & Heating
Control Type		Remote	Remote	Remote	Remote	Remote	Remote
Power Supply		V/Ph/Hz	115V~ / 1Ph / 60Hz	208-230V~ / 1Ph / 60Hz	115V~ / 1Ph / 60Hz	208-230V~ / 1Ph / 60Hz	208-230V~ / 1Ph / 60Hz
Rated Cooling (95°F/35°C)	Rated Cooling Capacity	Btu/h	9000	9000	12000	12000	18000
	EER2	Btu/W.h	12.5	13.0	12.5	13.0	12.5
	SEER2	Btu/W.h	23.0	23.5	22.0	22.0	20.0
Rated Heating	Rated Heating Capacity (47°F/8.3°C)	Btu/h	9500	9500	12000	12000	18000
	Rated Heating Capacity (17°F/-8.3°C)	Btu/h	6000	6000	7500	7500	10000
	Max. Heating Capacity (19°F/-7°C)	Btu/h	8000	8000	10000	10000	14000
	Max. Heating Capacity (5°F/-15°C)	Btu/h	7000	7300	8700	9100	11900
	HSPF2 (Region IV)	Btu/W.h	9.0	9.2	9.0	9.5	8.8
	HSPF2 (Region V)	Btu/W.h	7.8	7.9	7.8	8.2	7.6
	COP2	W/W	3.5	3.5	3.5	3.5	3.2
Rated Input Consumption	Cooling	W	710	710	920	920	1350
	Heating	W	730	730	910	910	1310
Rated Current	Cooling	A	6.4	3.2	8.2	4.1	6.1
	Heating	A	6.5	3.3	8.2	4.1	5.9
Min. Circuit Ampacity		A	16	9	17	11	13
Maximum Fuse Size		A	25.0	15.0	25.0	15.0	20.0
Maximum Operation Pressure		PSIG	550	550	550	550	550
Moisture Removal		Liters/h	1.1	1.1	1.6	1.6	2.2
Indoor Airflow	-	m3/h	650 / 550 / 450	650 / 550 / 450	800 / 650 / 500	800 / 650 / 500	1250 / 1050 / 900
	1cfm=1.7m3/h	CFM	382 / 324 / 265	382 / 324 / 265	471 / 382 / 294	471 / 382 / 294	735 / 618 / 529
Indoor Noise Level at Cooling (Turbo/High/Med/Low/Mute)			42 / 39 / 34 / 29 / 27	42 / 39 / 34 / 29 / 27	45 / 39 / 34 / 29 / 27	45 / 39 / 34 / 29 / 27	48 / 45 / 40 / 35 / 31
Outdoor Airflow	-	m3/h	2100	2100	2100	2100	3300
	1cfm=1.7m3/h	CFM	1235	1235	1235	1235	1941
Outdoor Noise Level		dB(A)	50	50	52	52	58
Connecting Pipe	Gas	in	3/8"	3/8"	3/8"	3/8"	1/2"
	Liquid	in	1/4"	1/4"	1/4"	1/4"	1/4"
Connecting Wiring		Size x Core number	-	4x16AWG	4x16AWG	4x16AWG	4x16AWG
Suitable Area		sq.ft	Up to 400	Up to 400	Up to 550	Up to 550	Up to 1000
Net Dimensions (W x D x H)	Indoor	mm	820x306x195	820x306x195	920x306x195	920x306x195	1100x333x222
		in	32.28x12.05x7.68	32.28x12.05x7.68	36.22x12.05x7.68	36.22x12.05x7.68	43.31x13.11x8.74
	Outdoor	mm	728x305x550	728x305x550	728x305x550	728x305x550	845x380x699
		in	28.66x12.01x21.65	28.66x12.01x21.65	28.66x12.01x21.65	28.66x12.01x21.65	33.26x14.96x27.51
Net Weight	Indoor	kg	9	9	10.5	10.5	14
		lb	19.8	19.8	23.1	23.1	30.9
	Outdoor	kg	23.5	23.3	27.4	26.8	38.5
		lb	51.8	51.4	60.4	59.1	84.9
Indoor Packing Dimensions (W x D x H)		mm	890x380x265	890x380x265	990x380x265	990x380x265	1165x405x295
		in	35.04x14.96x10.43	35.04x14.96x10.43	38.98x14.96x10.43	38.98x14.96x10.43	45.87x15.95x11.61
Gross Weight	Indoor	kg	11	11	12	12	16
		lb	24.3	24.3	26.5	26.5	35.3
	Outdoor	kg	25.5	25.3	29.7	29.2	42.5
		lb	56.2	55.8	65.5	64.4	93.7
Outdoor Packing Dimensions (W x D x H)		mm	852x358x610	852x358x610	852x358x610	852x358x610	960x430x750
		in	33.54x14.09x24.02	33.54x14.09x24.02	33.54x14.09x24.02	33.54x14.09x24.02	37.79x16.92x29.53
Indoor Motor		Brand	-	Weilling	Weilling	Weilling	Broad-Ocean
		Refrigerant/Charge	Type/g/oz	R410a / 780g / 27.51oz	R410a / 780g / 27.51oz	R410a / 1200g / 42.33oz	R410a / 1200g / 42.33oz
Compressor		Brand	-	GMCC	GMCC	GMCC	GMCC
Outdoor Motor		Brand	-	Weilling	Weilling	Weilling	Broad-Ocean
Factory Refrigerant Charge (7.5m/25ft pipe)		g/oz	780g / 27.51oz	780g / 27.51oz	1200g / 42.33oz	1200g / 42.33oz	1430g / 50.44oz
Factory Precharge Line		(m/ft)	7.5 / 25	7.5 / 25	7.5 / 25	7.5 / 25	7.5 / 25
Maximum Line Length		(m/ft)	15 / 50	15 / 50	15 / 50	15 / 50	20 / 65
Maximum Height Difference b/w Indoor and Outdoor		(m/ft)	10 / 33	10 / 33	10 / 33	10 / 33	15 / 49
Additional Refrigerant Charge		(g/m, oz/ft)	20 / 0.22	20 / 0.22	20 / 0.22	20 / 0.22	20 / 0.22
Operation Temperature		°C/°F	16~31 / 60.8~87.8	16~31 / 60.8~87.8	16~31 / 60.8~87.8	16~31 / 60.8~87.8	16~31 / 60.8~87.8
Ambient Temperature	Indoor (cooling/ heating)	°C	≥17/≤30	≥17/≤30	≥17/≤30	≥17/≤30	≥17/≤30
		°F	≥62/≤86	≥62/≤86	≥62/≤86	≥62/≤86	≥62/≤86
	Outdoor (cooling/ heating)	°C	-15~-55 / -25~-30	-15~-55 / -25~-30	-15~-55 / -25~-30	-15~-55 / -25~-30	-15~-55 / -25~-30
		°F	5~-131 / -13~-86	5~-131 / -13~-86	5~-131 / -13~-86	5~-131 / -13~-86	5~-131 / -13~-86

Special Features:

- Smart Control Anytime, Anywhere. Enjoy 24/7 control via smartphone app to operate functions remotely.
- Smart Inverter. Can save you up to 75% energy, while reaching the set temperature faster.
- 4-Step Air Purification. Oxidized ions are diffused into the air through the coil system, colliding with bacteria and viruses to inactivate their protein structures and counter airborne toxins.
- Smart Airflow. Up to 37% bigger flap size blows upwards, further, and wider cool air to create immersive experience.
- Clean Effortlessly. Its intuitive cleaning design makes it simpler to take apart and reassemble. Filter, vanes, plate, and flap easily disassemble and fit back together for easy manual cleaning.

Easy to clean filter

Filter is integrated with the inlet grill at the top for easier removal and increased air intake volume.

