



Up to  
**23**  
SEER2

# DXTHA-23 SERIES

MINI SPLIT SYSTEM  
HEAT PUMP



**inverter**  
Full DC

**AUDI CERTIFIED**  
www.audicertified.org

**ENERGY STAR**

**ETL**  
LISTED  
Intertek

**R410A**

**HEAT COOL**

**BlueFin TECHNOLOGY™**

**WiFi**

**DAIZUKI®**

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	23000	
	EER2	Btu/W.h	12.5	13.0	12.5	13.0	13.0	12.5	
	SEER2	Btu/W.h	23.0	23.5	22.0	22.0	22.0	20.0	
Rated Heating	Rated Heating Capacity (47°F/8.3°C)	Btu/h	9500	9500	12000	12000	18000	24000	
	Rated Heating Capacity (17°F/-8.3°C)	Btu/h	6000	6000	7500	7500	10000	14000	
	Max. Heating Capacity (19°F/-7°C)	Btu/h	8000	8000	10000	10000	14000	18000	
	Max. Heating Capacity (5°F/-15°C)	Btu/h	7000	7300	8700	9100	11900	16000	
	HSPF2 (Region IV)	Btu/W.h	9.0	9.2	9.0	9.5	8.8	8.8	
	HSPF2 (Region V)	Btu/W.h	7.8	7.9	7.8	8.2	7.6	7.6	
	COP2 (5°F/-15°C)	W/W	3.5	3.5	3.5	3.5	3.5	3.2	
Rated Input Consumption	Cooling	W	710	710	920	920	1350	1920	
	Heating	W	730	730	910	910	1310	2050	
Rated Current	Cooling	A	6.4	3.2	8.2	4.1	6.1	8.6	
	Heating	A	6.5	3.3	8.2	4.1	5.9	9.2	
Min. Circuit Ampacity		A	16	9	17	11	13	19	
Maximum Fuse Size		A	25.0	15.0	25.0	15.0	20.0	30.0	
Maximum Operation Pressure		PSIG	550	550	550	550	550	550	
Moisture Removal		Liters/h	1.1	1.1	1.6	1.6	2.2	2.6	
Indoor Airflow	-	m <sup>3</sup> /h	650 / 550 / 450	650 / 550 / 450	800 / 650 / 500	800 / 650 / 500	1250 / 1050 / 900	1250 / 1050 / 900	
	1cfm=1.7m <sup>3</sup> /h	CFM	382 / 324 / 265	382 / 324 / 265	471 / 382 / 294	471 / 382 / 294	735 / 618 / 529	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	51 / 48 / 43 / 38 / 35	
Outdoor Airflow	-	m <sup>3</sup> /h	2100	2100	2100	2100	3300	4500	
	1cfm=1.7m <sup>3</sup> /h	CFM	1235	1235	1235	1235	1941	2647	
Outdoor Noise Level		dB(A)	50	50	52	52	52	58	
Connecting Pipe	Gas	in	3/8"	3/8"	3/8"	3/8"	1/2"	5/8"	
	Liquid	in	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	
Connecting Wiring		Size x Core number	-	4x16AWG	4x16AWG	4x16AWG	4x16AWG	4x16AWG	
Suitable Area		sq.ft	Up to 400	Up to 400	Up to 550	Up to 550	Up to 1000	Up to 1500	
Net Dimensions (W x D x H)	Indoor	in	32.28x12.05x7.68	32.28x12.05x7.68	36.22x12.05x7.68	36.22x12.05x7.68	43.31x13.11x8.74	43.31x13.11x8.74	
		mm	820x306x195	820x306x195	920x306x195	920x306x195	1100x333x222	1100x333x222	
	Outdoor	in	28.66x12.01x21.65	28.66x12.01x21.65	28.66x12.01x21.65	28.66x12.01x21.65	33.26x14.96x27.51	35.83x15.63x31.69	
		mm	728x305x550	728x305x550	728x305x550	728x305x550	845x380x699	910x397x805	
Net Weight	Indoor	lb	19.8	19.8	23.1	23.1	30.9	30.9	
		kg	9	9	10.5	10.5	14	14	
	Outdoor	lb	51.8	51.4	60.4	59.1	84.9	104.7	
		kg	23.5	23.3	27.4	26.8	38.5	47.5	
Indoor Packing Dimensions (W x D x H)		in	35.04x14.96x10.43	35.04x14.96x10.43	38.98x14.96x10.43	38.98x14.96x10.43	45.87x15.95x11.61	45.87x15.95x11.61	
		mm	890x380x265	890x380x265	990x380x265	990x380x265	1165x405x295	1165x405x295	
Gross Weight	Indoor	lb	24.3	24.3	26.5	26.5	35.3	35.3	
		kg	11	11	12	12	16	16	
	Outdoor	lb	56.2	55.8	65.5	64.4	93.7	119.0	
		kg	25.5	25.3	29.7	29.2	42.5	54	
Outdoor Packing Dimensions (W x D x H)		in	33.54x14.09x24.02	33.54x14.09x24.02	33.54x14.09x24.02	33.54x14.09x24.02	37.79x16.92x29.53	40.47x19.09x33.46	
		mm	852x358x610	852x358x610	852x358x610	852x358x610	960x430x750	1028x485x850	
Indoor Motor		Brand	-	Weilling	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	R410a / 1430g / 50.44oz	R410a / 1850g / 65.26oz
Compressor		Brand	-	GMCC	GMCC	GMCC	GMCC	SANYO	
Outdoor Motor		Brand	-	Weilling	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	1850g / 65.26oz	
Factory Precharge Line		(m/ft)	7.5 / 25	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	20 / 65	
Maximum Height Difference b/w Indoor and Outdoor		(m/ft)	10 / 33	10 / 33	10 / 33	10 / 33	15 / 49	15 / 49	
Additional Refrigerant Charge		(g/m, oz/ft)	20 / 0.22	20 / 0.22	20 / 0.22	20 / 0.22	20 / 0.22	20 / 0.22	
Operation Temperature		°F/°C	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 / 16-31	60.8-87.8 / 16-31	
Ambient Temperature	Indoor (cooling/ heating)	°F	≥62/≤86	≥62/≤86	≥62/≤86	≥62/≤86	≥62/≤86	≥62/≤86	
		°C	≥17/≤30	≥17/≤30	≥17/≤30	≥17/≤30	≥17/≤30	≥17/≤30	
	Outdoor (cooling/ heating)	°F	5-131 / -13-86	5-131 / -13-86	5-131 / -13-86	5-131 / -13-86	5-131 / -13-86	5-131 / -13-86	
		°C	-15-55 / -25-30	-15-55 / -25-30	-15-55 / -25-30	-15-55 / -25-30	-15-55 / -25-30	-15-55 / -25-30	

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.

