



**20  
SEER**

*Up to*

**DXTH SERIES**  
MINI SPLIT SYSTEM  
HEAT PUMP



**inverter**  
Full DC



**NOISELESS**



**DAIZUKI**



Distributed by:

DX-19 Series Technical Specification HEAT PUMP									
Model		DXTH09X416-20	DXTH09X426-20	DXTH12X416-20	DXTH12X426-20	DXTH18X426-20	DXTH24X426-20	DXTH36X426-17	
Indoor Model		DXTH09E416-20	DXTH09E426-20	DXTH12E416-20	DXTH12E426-20	DXTH18E426-20	DXTH24E426-20	DXTH36E426-17	
Outdoor Model		DXTH09C416-20	DXTH09C426-20	DXTH12C416-20	DXTH12C426-20	DXTH18C426-20	DXTH24C426-20	DXTH36C426-17	
Type		Cooling & Heating	Cooling & Heating	Cooling & Heating	Cooling & Heating	Cooling & Heating	Cooling & Heating	Cooling & Heating	
Control Type		Remote	Remote	Remote	Remote	Remote	Remote	Remote	
Rated Cooling Capacity	Btu/h	9000(3412~11600)	9000(3412~11430)	12000(2047~13136)	12000(2047~13136)	18000(3412~19107)	24000(4780~26270)	36000(8870~38155)	
	W	2640(1000~3400)	2640(1000~3350)	3517(600~3850)	3517(600~3850)	5270(1000~5600)	7030(1400~7700)	10550(2600~9200)	
Rated Heating Capacity	Btu/h	9500(3412~12965)	10000(3412~12965)	12000(2388~13990)	12500(2388~13990)	19000(3412~19790)	24400(5120~28320)	36000(8530~38155)	
	W	2785(1000~3800)	2930(1000~3800)	3517(700~4100)	3517(700~4100)	5570(1000~5800)	7150(1500~8300)	10550(2500~9200)	
EER for Cooling	Btu/W	12.0	11.0	10.5	10.5	10.0	9.5	9	
COP for Heating	W/W	3.4	3.0	3.0	3.2	3.0	3.0	2.8	
SEER	-	20	19	20	19	19	18	17	
Moisture Removal	Liters/h	1.1	1.1	1.3	1.3	1.8	2.2	2.6	
Pressure	HSPF4	Btu/w	10	9.5	9	9.5	9.5	10.0	
	High(DP)	MPa	4.5	4.5	4.5	4.5	4.5	4.5	
	Low(SP)	MPa	1.9	1.9	1.9	1.9	1.9	1.9	
Indoor Noise Level at Cooling	High	dB(A)	38	38	40	40	44	50	
	Medium	dB(A)	35	35	37	37	39	46	
	Low	dB(A)	32	32	34	34	34	42	
Outdoor Noise Level	dB(A)	50	50	52	52	55	58	58	
Power Supply	-	115V~/60Hz	208-230V~/60Hz	115V~/60Hz	208-230V~/60Hz	208-230V~/60Hz	208-230V~/60Hz	208-230V~/60Hz	
Voltage Range	V	97~138	165~265	97~138	165~265	165~265	165~265	165~265	
Rated Current	Cooling	A	6.8(1.2~14.0)	3.6(1.8~6.9)	10.3(2.0~14.5)	5.2(1.0~7.0)	8.2(1.5~11.5)	11.4(1.4~14.0)	18.1(1.9~19.0)
	Heating	A	7.5(1.2~15.0)	4.4(1.8~5.7)	10.6(2.0~15.5)	5.2(1.0~7.5)	8.4(1.5~12.0)	10.8(1.8~13.5)	17.1(1.7~18.5)
Rated Input	Cooling	W	750(120~1500)	810(320~1570)	1140(200~1600)	1140(200~1650)	1800(300~2640)	2520(230~3250)	4000(400~4400)
	Heating	W	820(150~1600)	970(320~1300)	1170(200~1700)	1145(200~1750)	1855(350~2750)	2390(350~2800)	3770(350~4150)
Max Current	Cooling	A	14.0	6.9	14.5	7.0	11.5	14.0	19.0
	Heating	A	15.0	5.7	15.5	7.5	12.0	13.5	18.5
Max Power Input	Cooling	W	1500	1570	1600	1650	2640	3250	4400
	Heating	W	1600	1300	1700	1750	2750	2800	4150
Refrigerant/Charge	g/oz	R410A/810g/28.57oz	R410A/800g/28.22oz	R410A/1002g/35.34oz	R410A/970g/34.22oz	R410A/1070g/37.74oz	R410A/1420g/50.09oz	R410A/2450g/86.42ozs	
Compressor	MFG	-	GMCC	GMCC	GMCC	SANYO	SANYO	GMCC	
	Type	-	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	
Indoor Air Circulation (Cooling/Heating)	m3/h	600	600	650	650	1030	1440	1440	
Indoor Fan Type	-	Cross flow	Cross flow	Cross flow	Cross flow	Cross flow	Cross flow	Cross flow	
Indoor Fan Speed H/M/L	Cooling	rpm	1320/1200/900/700/600	1300/1200/900/700/600	1320/1200/1000/800/700	1320/1200/1000/800/700	1270/1200/1000/850/700	1250/1150/950/800/750	1250/1150/950/800/750
	Heating	rpm	1320/1200/980/850/800	1300/1200/980/850/800	1320/1200/980/850/800	1320/1200/980/850/800	1270/1200/1000/850/750	1250/1150/950/800/750	1250/1150/950/800/750
	Dry	rpm	1320	1300	1320	1320	1270	1250	1250
	Sleep	rpm	700	700	800	800	850	800	800
Indoor Fan Motor Output	W	20	23	20	23	45	45	45	
Outdoor Fan Type	-	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	
Outdoor Fan Speed	rpm	1000	1000	1000	1000	1000	850	850	
Outdoor Fan Motor Output	W	33	33	33	33	52	85	85	
Connecting Pipe	Gas	Inches	3/8"	3/8"	3/8"	3/8"	1/2"	5/8"	
	Liquid	Inches	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	
Connecting Wiring	Size x Core Number	W	4x16AWG	4x16AWG	4x16AWG	4x16AWG	4x16AWG	4x16AWG	
Drainage Pipe	-	O.D 16mm	O.D 16mm	O.D 16mm	O.D 16mm	O.D 16mm	O.D 16mm	O.D 16mm	
Suitable Area	m2	9~16	9~16	15~23	15~23	20~35	30~50	40~60	
Net Dimensions (W x D x H)	Indoor	mm	811x292x203	811x292x203	811x292x203	811x292x203	1010x315x220	1186x340x258	1186x340x258
	Outdoor	mm	795x305x549	777x290x498	795x305x549	777x290x498	853x349x602	920x380x699	953x433x808
	Indoor	inches	31.92x11.49x7.99	31.92x11.49x7.99	31.92x11.49x7.99	31.92x11.49x7.99	39.76x12.40x8.66	46.69x13.38x10.15	46.69x13.38x10.15
	Outdoor	inches	31.29x12x21.61	30.59x11.41x19.60	31.29x12x21.61	30.59x11.41x19.60	33.58x13.74x23.70	36.22x14.96x27.51	37.51x17.04x31.81
Net Weight	Indoor	kg/lb	9/19.84	9/19.84	9/19.84	9/19.84	13/28.66	17/34.47	17/34.47
	Outdoor	kg/lb	27.8/61.28	24.5/54.01	29/63.93	27/59.52	33.5/73.85	45/99.20	62/136.68
Packing Dimensions (W x D x H)	Indoor	mm	885x366x275	885x366x275	885x366x275	885x366x275	1096x390x297	1262x420x337	1262x420x337
	Outdoor	mm	852x358x600	838x338x540	852x358x600	838x338x540	900x405x645	960x430x732	1020x475x845
	Indoor	inches	34.84x14.41x10.82	34.84x14.41x10.82	34.84x14.41x10.82	34.84x14.41x10.82	43.14x15.35x11.69	49.68x16.53x13.26	49.68x16.53x13.26
	Outdoor	inches	33.54x14.09x23.62	32.99x13.30x21.25	33.54x14.09x23.62	32.99x13.30x21.25	35.43x15.94x25.39	37.79x16.92x28.81	40.15x18.70x33.26
Gross Weight	Indoor	kg/lb	11/24.25	11/24.25	11/24.25	11/24.25	16/35.27	21/46.29	21.5/47.39
	Outdoor	kg/lb	30.6/67.46	27/59.52	32/70.54	31/68.34	37/81.57	50/110.23	69/152.11

