



**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	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	42	42	
Outdoor Noise Level		dB(A)	50	50	52	52	55	58	
Power Supply		-	115V~/60Hz	208-230V~/60Hz	115V~/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	
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	GMCC	SANYO	SANYO	GMCC
	Type	-	Rotary	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"	3/8"	1/2"	5/8"
	Liquid	Inches	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"
Connecting Wiring		Size x Core Number	W 4×16AWG	4×16AWG	4×16AWG	4×16AWG	4×16AWG	4×16AWG	4×16AWG
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	811×292×203	811×292×203	811×292×203	811×292×203	1010×315×220	1186×340×258	1186×340×258
	Outdoor	mm	795×305×549	777×290×498	795×305×549	777×290×498	853×349×602	920×380×699	953×433×808
	Indoor	inches	31.92×11.49×7.99	31.92×11.49×7.99	31.92×11.49×7.99	31.92×11.49×7.99	39.76×12.40×8.66	46.69×13.38×10.15	46.69×13.38×10.15
	Outdoor	inches	31.29×12×21.61	30.59×11.41×19.60	31.29×12×21.61	30.59×11.41×19.60	33.58×13.74×23.70	36.22×14.96×27.51	37.51×17.04×31.81
Net Weight	Indoor	kg/lb	9/19.84	9/19.84	9/19.84	9/19.84	13/28.66	17/34.47	17.5/38.58
	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	885×366×275	885×366×275	885×366×275	885×366×275	1096×390×297	1262×420×337	1262×420×337
	Outdoor	mm	852×358×600	838×338×540	852×358×600	838×338×540	900×405×645	960×430×732	1020×475×845
	Indoor	inches	34.84×14.41×10.82	34.84×14.41×10.82	34.84×14.41×10.82	34.84×14.41×10.82	43.14×15.35×11.69	49.68×16.53×13.26	49.68×16.53×13.26
	Outdoor	inches	33.54×14.09×23.62	32.99×13.30×21.25	33.54×14.09×23.62	32.99×13.30×21.25	35.43×15.94×25.39	37.79×16.92×28.81	40.15×18.70×33.26
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

