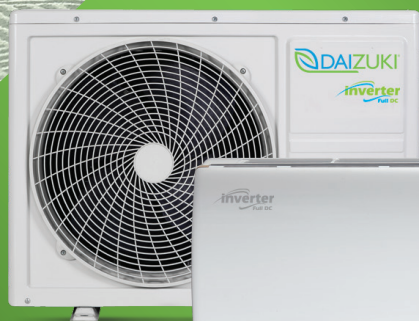




Up to
20
SEER2

DXTHA-20 SERIES
MINI SPLIT SYSTEM
HEAT PUMP



inverter
Full DC



NOISELESS



DAIZUKI

DXTHA-20 Series Technical Specification Heat Pump

Model		DXTH09X416A-20	DXTH09X426A-20	DXTH12X416A-20	DXTH12X426A-20	DXTH18X426A-20	DXTH24X426A-20	DXTH36X426A-17	
Indoor Model		DXTH09E416A-20	DXTH09E426A-20	DXTH12E416A-20	DXTH12E426A-20	DXTH18E426A-20	DXTH24E426A-20	DXTH36E426A-17	
Outdoor Model		DXTH09C416A-20	DXTH09C426A-20	DXTH12C416A-20	DXTH12C426A-20	DXTH18C426A-20	DXTH24C426A-20	DXTH36C426A-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 (3412-10918)	9000 (3412-10918)	12000 (2047-13136)	12000 (2047-13136)	18000 (3753-19107)	24000 (5118-25249)	36000 (7506-37532)	
	W	2640 (1000-3400)	2638 (1000-3200)	3517 (600-3850)	3517 (600-3850)	5275 (1100-5600)	7033 (1500-7400)	10550 (2200-11000)	
Rated Heating Capacity	Btu/h	10000 (3412-12283)	10000 (3412-12283)	12200 (2388-13989)	12200 (2388-13989)	19600 (3753-21154)	24400 (5118-25931)	36000 (7165-37532)	
	W	2930 (1000-3600)	2930 (1000-3600)	3576 (700-4100)	3576 (700-4100)	5744 (1100-6200)	7150 (1500-7600)	10550 (2100-11000)	
EER2 (95°F/35°C) for Cooling	Btu/W.h	10.0	10.0	10.0	10.0	9.4	10.0	9.0	
SEER2 for Cooling	Btu/W.h	19.0	19.0	19.0	19.0	19.0	20.0	19.0	
COP2 (47°F/8.3°C) for Heating	W/W	3.41	3.41	3.21	3.21	3.21	3.21	3.01	
HSPF2 Rating (Region IV)	Btu/W.h	8.5	8.5	8.5	8.5	8.5	8.5	8.5	
Power Supply	V/Ph/Hz	115V / 1Ph / 60Hz	208-230V / 1Ph / 60Hz	115V / 60Hz / 1Ph	208-230V / 1Ph / 60Hz	208-230V / 1Ph / 60Hz	208-230V / 1Ph / 60Hz	208-230V / 1Ph / 60Hz	
Voltage Range	V	105-125	165-265	105-125	165-265	165-265	165-265	165-265	
Voltage Range	Cooling	A	7.8 (1.2-11.0)	4.3 (1.2-6.3)	10.4 (2.0-14.5)	5.2 (1.0-7.0)	8.7 (1.2-11.8)	11.4 (1.6-14.0)	17.4 (2.7-20.5)
	Heating	A	7.4 (1.2-13.0)	4.1 (1.2-6.6)	9.7 (2.0-14.5)	4.9 (1.0-7.5)	8.2 (1.3-11.5)	10.2 (1.7-13.5)	15.3 (2.7-18.5)
Rated Input	Cooling	W	900 (140-1270)	900 (140-1230)	1200 (200-1650)	1200 (200-1650)	1910 (270-2700)	2400 (200-3250)	4000 (390-4200)
	Heating	W	860 (140-1500)	860 (140-1460)	1113 (200-1750)	1113 (200-1750)	1790 (320-2650)	2225 (230-3100)	3505 (360-3800)
Max Current	Cooling	A	11.0	6.3	14.5	9.0	12.0	14.0	20.5
	Heating	A	13.0	6.6	16.0	10.0	13.0	13.5	18.5
Max Power Input	Cooling	W	1270	1230	1650	1650	2700	3250	4200
	Heating	W	1500	1460	1750	1750	2650	3100	3800
Moisture Removal	Liters/h	1.1	1.1	1.6	1.6	2.2	2.6	3.0	
Pressure	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	Super	dB(A)	41	41	43	43	50	53	
	High	dB(A)	39	39	40	40	48	51	
	Med.	dB(A)	34	34	35	35	43	46	
	Low	dB(A)	29	29	29	29	38	40	
Outdoor Noise Level	dB(A)	53	53	54	54	55	58	61	
Refrigerant	Type/g/oz	R410A / 750g / 26.45oz	R410A / 750g / 26.45oz	R410A / 970g / 34.21oz	R410A / 970g / 34.21oz	R410A / 1180g / 41.62oz	R410A / 1450g / 51.14oz	R410A / 2450g / 86.42oz	
Compressor	Type	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	
	Model	KSK82D26UEZ3	KSK82D26UEZ3	KSK103D33UEZC3	KSK103D33UEZC3	C-1RZ140H3CBF	C-6RZ180H1AAF	KTM240D43UMT	
	MFG	GMCC	GMCC	GMCC	GMCC	SANYO	SANYO	GMCC	
Indoor Air Circulation (Cooling)	m3/h	580 / 620	580 / 620	620 / 650	620 / 650	1000 / 1000	1450 / 1500	1500 / 1550	
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	1300/1200/1000/850/800	1300/1200/1000/850/800	1320/1200/1030/880/800	1320/1200/1030/880/800	1270/1200/1000/850/700	1250/1150/970/800/750	1250/1150/970/800/750
	Heating	rpm	1200/1150/980/850/800	1200/1150/980/850/800	1320/1200/980/850/800	1320/1200/980/850/800	1270/1200/1000/850/750	1250/1150/970/800/750	1250/1150/970/800/750
	Dry	rpm	1300	1300	1320	1320	1270	1250	1250
	Sleep	rpm	850 / 850	850 / 850	880 / 850	880 / 850	850 / 850	800 / 800	800 / 800
Indoor Fan Motor	-	22001-000307	22001-000267	22001-000307	22001-000267	"22001-000240(DC) / 210900290B"	"22001-000240(DC) / 210900290B"	"22001-000240(DC) / 210900290B"	
Indoor Fan Motor Output	W	20	23	20	23	45	45	45	
Outdoor Fan Type	-	Propeller	Propeller	Propeller	Propeller	Propeller Fan	Propeller Fan	Propeller	
Outdoor Fan Motor	-	22001-000555	22001-000555	22001-000555	22001-000555	22001-000493(DC)	22001-000147(DC)	22001-000147(DC)	
Outdoor Fan Speed	rpm	1000	1000	1000	1000	1000	850	850	
Outdoor Fan Motor Output	W	33	33	33	33	33	85	85	
Connecting Pipe	Gas	in	3/8"	3/8"	3/8"	3/8"	3/8"	5/8"	
	Liquid	in	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	
Connecting Wiring	Size x Core Number	4 x 16AWG	4 x 16AWG	4 x 16AWG	4 x 16AWG	4 x 16AWG	4 x 16AWG	4 x 16AWG	
Drainage Pipe	in/mm	0.0 5/8" / 16mm	0.0 5/8" / 16mm	0.0 5/8" / 16mm	0.0 5/8" / 16mm	0.0 5/8" / 16mm	0.0 5/8" / 16mm	0.0 5/8" / 16mm	
Suitable Area	ft²/m²	29.5-52.4 / 9-16	29.5-52.4 / 9-16	49.2-75.4 / 15-23	49.2-75.4 / 15-23	65.6-114.8 / 20-35	98.4-164.0 / 30-50	131.2-196.8 / 40-60	
Net Dimensions (W x D x H)	Indoor	in	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
		mm	811x292x203	811x292x203	811x292x203	811x292x203	1010x315x220	1186x340x258	1186x340x258
	Outdoor	in	30.59x11.41x19.60	30.59x11.41x19.60	30.59x11.41x19.60	30.59x11.41x19.60	33.58x13.74x23.70	36.22x14.53x27.51	38.07x16.57x31.61
		mm	777x290x498	777x290x498	777x290x498	777x290x498	853x349x602	920x380x699	967x421x803
Net Weight	Indoor	lb/kg	19.84 / 9	19.84 / 9	19.84 / 9	19.84 / 9	28.66 / 13	36.37 / 16.5	39.68 / 18
	Outdoor	lb/kg	48.50 / 22	48.50 / 22	55.11 / 25	55.11 / 25	70.54 / 32	90.38 / 41	114.64 / 52
Packing Dimensions (W x D x H)	Indoor	in	34.84x14.40x10.82	34.84x14.40x10.82	34.84x14.40x10.82	34.84x14.40x10.82	43.14x15.35x11.69	49.80x16.53x13.26	49.80x16.53x13.26
		mm	885x366x275	885x366x275	885x366x275	885x366x275	1096x390x297	1265x420x337	1265x420x337
	Outdoor	in	32.99x13.30x21.25	32.99x13.30x21.25	32.99x13.30x21.25	32.99x13.30x21.25	35.43x15.94x25.39	37.79x16.92x28.81	40.23x18.89x32.87
		mm	838x338x540	838x338x540	838x338x540	838x338x540	900x405x645	960x430x732	1022x480x835
Gross Weight with Pipe	Indoor	lb/kg	24.25 / 11	24.25 / 11	24.25 / 11	24.25 / 11	35.27 / 16	45.19 / 20.5	48.50 / 22
	Outdoor	lb/kg	55.11 / 25	55.11 / 25	61.72 / 28	61.72 / 28	79.36 / 36	101.41 / 46	127.86 / 58

