



Up to
21
SEER2

DXTHA-21 SERIES

MINI SPLIT SYSTEM
HEAT PUMP



inverter
Full DC



Intertek



DXTHA-21 Series Technical Specifications

Model No			DXTH12X616A-21	DXTH12X626A-21	DXTH18X626A-21	DXTH24X626A-21
Indoor Model			DXTH12E616A-21	DXTH12E626A-21	DXTH18E626A-21	DXTH24E626A-21
Outdoor Model			DXTH12C616A-21	DXTH12C626A-21	DXTH18C626A-21	DXTH24C626A-21
Type			Heat Pump	Heat Pump	Heat Pump	Heat Pump
Control Type			Remote	Remote	Remote	Remote
Rated Cooling Capacity		Btu/h	12000 (4095-12300)	12000 (2045-13100)	17500 (5120-19100)	23000 (6825-27300)
Rated Heating Capacity		Btu/h	12000 (4095-12300)	12000 (2045-13300)	18300 (5120-19100)	24000 (6825-27300)
Power Supply		V/Ph/Hz	115/1/60	208-230/1/60	208-230/1/60	208-230/1/60
Rated Current	Cooling	A	5.1	5.1	7.1	9.2
	Heating	A	4.3	4.0	6.6	9.3
Rated Input	Cooling	W	1080	1070	1510	1950
	Heating	W	900	840	1395	1955
Max Breaker	Cooling	A	13	8	12	13
	Heating	A	13	9	12	13
Max Power Input	Cooling	W	1360	1900	2150	2900
	Heating	W	1430	1600	2150	2900
EER2 (95°F/35°C)		Btu/W.h	11.1	11.2	11.6	11.8
SEER2		Btu/W.h	21	21	21	21
COP2 (47°F/8.3°C)		W/W	3.9	4.2	3.85	3.6
HSPF2 Rating (Region IV)-Certificate		Btu/W.h	8.5	8.5	9	9
Moisture Removal		oz/h / Lt/h	37.2 / 1.1	26.37 / 0.78	50.72 / 1.5	71.69 / 2.12
Pressure		MPa	5	5	5	5
Indoor Noise Level at Cooling	Turbo/High/Med./Low/Mute	dB(A)	43/39/35/29/27	43/39/34/29/27	47/42/38/32/28	50/47/43/38/34
Outdoor Noise Level		dB(A)	54	55	55	57
Refrigerant	Type/Weight	oz/gr	R32/19.4/550	R32/21.16/600	R32/33.86/960	R32/42.33/1200
	Factory Charged	oz/gr	19.4/550	21.16/600	33.86/960	42.33/1200
	Adjustment Charge	oz/gr	10 / 0.11	10 / 0.11	10 / 0.11	10 / 0.11
Refrigerant Piping	Max. Refrigerant Pipe Length	ft/m	15 / 49	15 / 49	20 / 65	30 / 98
	Max. Height Difference	ft/m	10 / 33	10 / 33	15 / 49	20 / 65
Temperature	Temperature Ranges	°F/°C	61~88 / 16~31	61~88 / 16~31	61~88 / 16~31	61~88 / 16~31
	Indoor Temperature Range (Cooling/Heating)	°F/°C	62.6-89.6/32-86	62.6-89.6/32-86	62.6-89.6/32-86	62.6-89.6/32-86
			17-32/0-30	17-32/0-30	17-32/0-30	17-32/0-30
	Outdoor Ambient Range (Cooling/Heating)	°F/°C	57.2-127.4/-4-86	57.2-127.4/-4-86	57.2-127.4/-4-86	57.2-127.4/-4-86
			14-53/-20-30	14-53/-20-30	14-53/-20-30	14-53/-20-30
Compressor	Type		Rotary	Rotary	Rotary	Rotary
	Model		KSN89D28UDZW31	KSN89D28UDZW31	C-4RZ120H3AAF	C-1RZ140H3CBF
	MFG		GMCC	GMCC	Sanyo	Sanyo
Indoor Air Circulation		CFM / M3/h	376/424	324/353	500/529	588/588
Indoor Motor		Type	Cross Flow	Cross Flow	Cross Flow	Cross Flow
Indoor Fan Speed H/M/L	Cooling	rpm	1150/1060/890/730/650	1160/1030/880/750/680	1250/1150/950/770/700	1220/1130/990/850/750
	Heating	rpm	1030/940/810/650/630	940/880/750/630/580	1250/1150/950/770/700	1220/1130/1000/880/800
	Dry	rpm	1060	1030	1150	1130
	Sleep	rpm	650	680	700	750
Indoor Fan Motor Output		W	25	25	25	85
Outdoor Fan	Type		Propeller	Propeller	Propeller	Propeller
	Speed	rpm	1000	1000	1000	1400
	Motor Output	W	33	33	33	60
Connecting Pipe	Gas	in	3/8"	3/8"	3/8"	1/2"
	Liquid	in	1/4"	1/4"	1/4"	1/4"
Connecting Wiring		Size x Core Number	4×16AWG	4×16AWG	4×16AWG	4×16AWG
Net Dimensions (WxDxH)	Indoor	in	31.81×12.00×8.23	31.81×12.00×8.23	35.78×12.00×8.23	43.15×13.11×8.74
		mm	808×305×209	808×305×209	909×305×209	1096×333×222
	Outdoor	in	31.88×12.00×21.61	30.98×11.42×19.61	33.98×13.74×23.70	36.50×14.96×27.52
		mm	810×305×549	787×290×498	863×349×602	927×380×699
Packing Dimensions (WxDxH)	Indoor	in	34.65×14.76×10.83	34.65×14.76×10.83	38.62×14.76×10.83	45.87×15.94×11.61
		mm	880×375×275	880×375×275	981×375×275	1165×405×295
	Outdoor	in	33.54×14.09×23.62	32.99×13.31×21.26	35.43×15.94×25.39	37.80×16.93×28.82
		mm	852×358×600	838×338×540	900×405×645	960×430×732
Net Weight	Indoor	lb/kg	22.1 / 10	22.1 / 10	23.15 / 10.5	30.9 / 14
	Outdoor	lb/kg	51.8 / 23.5	47.4 / 21.5	67.2 / 30.5	82.7 / 37.5

Disclaimer: Specifications are subject to change without notice. Everwell Parts, Inc. is not liable for errors or changes from the manufacturer. Verify all details before installation.

