



DXTCA-21 SERIES

MINI SPLIT SYSTEM
COOLING ONLY



DXTCA-21 Series Technical Specifications

Model No			DXTC09X616A-21	DXTC09X626A-21	DXTC12X616A-21	DXTC12X626A-21	DXTC18X626A-21	DXTC24X626A-21
Indoor Model			DXTC09E616A-21	DXTC09E626A-21	DXTC12E616A-21	DXTC12E626A-21	DXTC18E626A-21	DXTC24E626A-21
Outdoor Model			DXTC09C616A-21	DXTC09C626A-21	DXTC12C616A-21	DXTC12C626A-21	DXTC18C626A-21	DXTC24C626A-21
Type			Cooling Only	Cooling Only	Cooling Only	Cooling Only	Cooling Only	Cooling Only
Control Type			Remote	Remote	Remote	Remote	Remote	Remote
Rated Cooling Capacity		Btu/h	9000 (2047-9000)	9000 (2047-9000)	12000 (2047-12300)	12000 (2047-13200)	18000 (5120-19100)	24000 (6140-24500)
Power Supply		V/Ph/Hz	115/1/60	208-230/1/60	115/1/60	208-230/1/60	208-230/1/60	208-230/1/60
Rated Current	Cooling	A	3.6	3.7	4.7	4.9	7.1	9.5
Rated Input	Cooling	W	750	783	1000	1043	1500	2000
Max Breaker	Cooling	A	12.6	8.5	12.6	8.5	12	14
Max Power Input	Cooling	W	1379	1900	1379	1900	2150	3100
EER2 (95°F/35°C)		Btu/W.h	12	11.5	12	11.5	12	12
SEER2		Btu/W.h	21	21	21	21	21	21
Moisture Removal		oz/h / Lt/h	16.9 / 0.5	33.8 / 1	16.9 / 0.5	33.8 / 1	50.7 / 1.5	60.87 / 1.8
Pressure		MPa	5	5	5	5	5	5
Indoor Noise Level at Cooling	Turbo/High/Med./Low/Mute	dB(A)	45/41/36/29/26	44/38/34/30/28	45/41/36/29/26	44/38/34/30/28	48/43/37/33/30	51/48/44/38/34
Outdoor Noise Level		dB(A)	54	53	54	53	55	59
Refrigerant	Type/Weight	oz/gr	R32/16.6/470	R32/16.9/480	R32/16.6/470	R32/16.9/480	R32/33.8/560	R32/40.2/810
	Factory Charged	oz/gr	16.6/470	16.9/480	16.6/470	16.9/480	33.8/560	40.2/810
	Adjustment Charge	oz/gr	10 / 0.11	10 / 0.11	10 / 0.11	10 / 0.11	10 / 0.11	10 / 0.11
Refrigerant Piping	Max. Refrigerant Pipe Length	ft/m	15 / 49	15 / 49	15 / 49	15 / 49	20 / 65	30 / 98
	Max. Height Difference	ft/m	10 / 33	10 / 33	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	61-88 / 16-31	61-88 / 16-31
	Indoor Temperature Range	°F/°C	62.6-89.6	62.6-89.6	62.6-89.6	62.6-89.6	62.6-89.6	62.6-89.6
			17-32	17-32	17-32	17-32	17-32	17-32
	Outdoor Ambient Range	°F/°C	57.2-127.4	57.2-127.4	57.2-127.4	57.2-127.4	57.2-127.4	57.2-127.4
			14-53	14-53	14-53	14-53	14-53	14-53
Compressor	Type		Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
	Model		KSN89D28UDZW31	KSN89D28UDZW31	KSN89D28UDZW31	KSN89D28UDZW31	C-4RZ120H3AAF	C-1RZ140H3CBF
	MFG		Welling	Welling	Welling	Welling	Welling	Broad-Ocean
Indoor Air Circulation		CFM / M3/h	388 / 660	576 / 980	388 / 660	576 / 980	688 / 1170	941 / 1600
Indoor Fan Type			Cross Flow	Cross Flow	Cross Flow	Cross Flow	Cross Flow	Cross Flow
Indoor Motor		Type	Cross Flow	Cross Flow	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	1150/1060/890/730/650	1160/1030/880/750/680	1160/1030/880/750/680	1220/1130/990/850/750
	Dry	rpm	1150	1160	1150	1160	1160	1220
	Sleep	rpm	730	750	730	750	750	850
Indoor Fan Motor Output		W	25	25	25	25	25	60
Outdoor Fan	Type		Propeller	Propeller	Propeller	Propeller	Propeller	Propeller
	Speed	rpm	1000	1000	1000	1000	1000	850
	Motor Output	W	33	33	33	33	33	85
Connecting Pipe	Gas	in	3/8"	3/8"	3/8"	3/8"	3/8"	1/2"
	Liquid	in	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"
Connecting Wiring	Size x Core Number		4×16AWG	4×16AWG	4×16AWG	4×16AWG	4×16AWG	4×16AWG
Drainage Pipe		in/mm	O.D 16mm	O.D 16mm	O.D 16mm	O.D 16mm	O.D 16mm	O.D 16mm
Suitable Area		ft2/m2	Up to 280 / 26	Up to 280 / 26	Up to 280 / 26	Up to 280 / 26	Up to 380 / 35	Up to 480 / 44.6
Net Dimensions (WxDxH)	Indoor	in	31.81×12.00×8.23	31.81×12.00×8.23	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	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	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	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	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	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	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	852×358×600	838×338×540	900×405×645	960×430×732
Net Weight	Indoor	lb/kg	22 / 10	22 / 10	22 / 10	22 / 10	23 / 10.5	31 / 14
	Outdoor	lb/kg	48.5 / 22	46.3 / 21	48.5 / 22	46.3 / 21	60.6 / 27.5	77.2 / 35

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.

