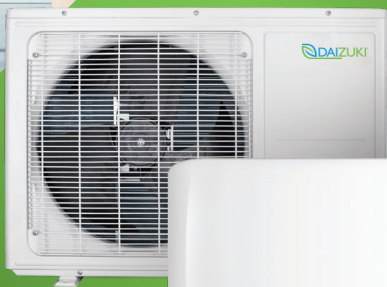




**19  
SEER**

**DX SERIES**  
MINI SPLIT SYSTEM  
HEAT PUMP



**inverter**  
Full DC



**NOISELESS**



**DAIZUKI®**



Distributed by:

**DX-19 Series Technical Specificatio HEAT PUMP**

Model		DX09X416H-19	DX12X416H-19	DX09X426H-19	DX12X426H-19	DX18X426H-19	DX24X426H-19	DX36X426H	
<b>Indoor Model</b>		DX09E416H-19	DX12E416H-19	DX09E426H-19	DX12E426H-19	DX18E426H-19	DX24E426H-19	DX36E426H	
<b>Outdoor Model</b>		DX09C416H-19	DX12C416H-19	DX09C426H-19	DX12C426H-19	DX18C426H-19	DX24C426H-19	DX36C426H	
<b>Power Supply</b>		115V, 1Ph, 60Hz	115V, 1Ph, 60Hz	208-230V, 1Ph, 60Hz	208-230V, 1Ph, 60Hz	208-230V, 1Ph, 60Hz	208-230V, 1Ph, 60Hz	208-230V, 1Ph, 60Hz	
<b>Cooling</b>	<b>Capacity</b>	<b>9000</b>	<b>12000</b>	<b>9000</b>	<b>12000</b>	<b>18000</b>	<b>24000</b>	<b>36000</b>	
	<b>Input</b>	<b>W</b>	782	1020	TBD	1065	TBD	4235	
	<b>Rated Current</b>	<b>A</b>	6.8	8.87	TBD	4.5	TBD	18.5	
	<b>EER</b>	-	11.5	10.5	11.5	11.0	TBD	TBD	8.5
	<b>SEER</b>	-	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>17</b>	<b>16</b>
<b>Heating</b>	<b>Capacity</b>	<b>10000</b>	<b>12000</b>	<b>9800</b>	<b>12000</b>	<b>18000</b>	<b>24000</b>	<b>36000</b>	
	<b>Input</b>	<b>W</b>	925	1026	TBD	1025	TBD	TBD	3835
	<b>Rated Current</b>	<b>A</b>	8.1	8.93	TBD	4.3	TBD	TBD	16.7
	<b>COP</b>	<b>W/W</b>	3.11	3.43	TBD	3.43	TBD	TBD	2.75
	<b>HSPF4</b>	<b>Btu/w</b>	10	9.5	9	9.5	9.5	TBD	10.0
	<b>HSPF5</b>	<b>Btu/w</b>	7.8	7.8	TBD	8	TBD	TBD	8.4
<b>Minimum Circuit Ampacity</b>		<b>A</b>	TBD	TBD	TBD	TBD	TBD	25	
<b>MAX.FUSE</b>		<b>A</b>	TBD	TBD	TBD	TBD	TBD	35	
<b>Compressor</b>	<b>Model</b>	-	KSK103D33UEZ3	KSK103D33UEZ3	KSK103D33UEZ3	KSN140D21UFZ	KTM240D57UMT	ATF250D22UMT	
	<b>Type</b>	-	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	
	<b>Brand</b>	-	GMCC	GMCC	GMCC	GMCC	GMCC	GMCC	
	<b>Capacity</b>	<b>W</b>	3100	3100	3100	3100	4370	7715	7645
	<b>Input</b>	<b>W</b>	790	790	790	790	1135	2085	2080
	<b>Rated current(RLA)</b>	<b>A</b>	5.6	6	6	6	7.5	9.45	-
	<b>Locked rotor Amp(LRA)</b>	<b>A</b>	-	-	-	-	-	-	-
	<b>Thermal protector</b>	-	-	-	-	-	-	-	-
	<b>Thermal protector position</b>	-	-	-	-	-	-	-	NA
	<b>Capacitor</b>	<b>µF</b>	-	-	-	-	-	-	-
<b>Refrigerant Oil/Oil charge</b>		<b>ml</b>	Ester Oil VG74 310 ±15 ml	Ester Oil VG74 310 ±15 ml	Ester Oil VG74 310 ±15 ml	Ester Oil VG74 310 ±15 ml	VG74/440	VG74/670	VG74/670
<b>Indoor fan motor</b>	<b>Model</b>	-	ZKFP-20-8-113	ZKFP-20-8-113	ZKFP-20-8-6-7	ZKFP-20-8-6-7	ZKFP-30-8-3	ZKFP-58-8-1	-
	<b>Brand</b>	-	Welling	Welling	Welling	Welling	Welling	Brand Ocean	Welling
	<b>Input</b>	<b>w</b>	35.2	35.2	50	50	36	116	58
	<b>Output</b>	<b>W</b>	20	20	20	20	30	60	0
	<b>RLA</b>	<b>A</b>	0.712	0.712	0.06	0.06	-	0.37	-
	<b>LRA</b>	<b>A</b>	-	-	-	-	-	-	-
	<b>Winding Resistance</b>	<b>Ω</b>	-	-	-	-	-	-	-
	<b>Capacitor</b>	<b>µF</b>	-	-	-	-	-	-	-
	<b>Speed(Hi/Mi/Lo)</b>	<b>r/min</b>	1050/850/600	1100/850/750	TBD	1100/900/750	TBD	TBD	1200/950/750
	<b>Indoor air flow (Hi/Mi/Lo)</b>		<b>m3/h</b>	420/310/220	500/360/240	TBD	550/480/360	550/480/360	TBD
<b>Indoor air flow (Hi/Mi/Lo)</b>		<b>CFM</b>	247.06/182.35/129.41	294.1/211.75/171.17	TBD	323.51/282.34/211.75	323.51/282.34/211.75	TBD	852.94/647.06/470.59
<b>Indoor noise level (Hi/Mi/Lo)</b>		<b>dB(A)</b>	38/32/25	38/30/28	TBD	38/32/24	38/32/24	TBD	52/44/36
<b>Indoor Unit</b>	<b>Dimension (W*D*H)</b>	<b>mm/inches</b>	722x187x290 / 28.43x7.36x11.42	802x189x297 / 31.57x7.44x11.69	722x187x290 / 28.43x7.36x11.42	802x189x297 / 31.57x7.44x11.69	965x215x319 / 37.99x8.46x12.56	1080x226x335 / 42.52x8.90x13.19	1259x282x362 / 49.57x11.10x14.25
	<b>Packing (W*D*H)</b>	<b>mm/inches</b>	790x270x375 / 31.10x10.63x14.57	875x285x375 / 34.45x11.22x14.76	790x270x375 / 31.10x10.63x14.57	875x285x375 / 34.45x11.22x14.76	1045x305x410 / 41.14x12.01x15.94	1155x415x320 / 45.47x16.34x12.40	1340x450x385 / 52.76x17.72x14.96
	<b>Net/Gross weight</b>	<b>Kg - lbs</b>	7.8/10.3 - 17.2/22.7	8.6/11.3 - 18.96/24.91	-	8.6/11.3 - 18.96/24.91	-	-	18.5/24.2 / 40.79/53.35
<b>Outdoor Fan Motor</b>	<b>Model</b>	-	ZKFN-34-8-1-3	ZKFN-34-8-1-3	ZKFN-34-8-1-3	ZKFN-34-8-1-3	ZKFN-34-8-1-3	ZKFN-50-8-2-3	ZKFN-120-8-2
	<b>Input</b>	<b>W</b>	58	58	58	58	58	50	150.0
	<b>Output</b>	<b>W</b>	34	34	34	34	34	115	-
	<b>RLA</b>	<b>A</b>	0.39	0.39	0.39	0.39	0.39	0.5	0
	<b>LRA</b>	<b>A</b>	-	-	-	-	-	-	-
	<b>Winding Resistance</b>	<b>Ω</b>	77.3	77.3	77.3	77.3	77.3	37.3	-
	<b>Capacitor</b>	<b>uF</b>	-	-	-	-	-	-	-
<b>Speed</b>	<b>r/min</b>	850/650	800/650	TBD	800/750/650	TBD	TBD	900/750	
<b>Outdoor air flow</b>		<b>m3/h</b>	2000	2000	TBD	2000	TBD	TBD	3800
<b>Outdoor air flow</b>		<b>CFM</b>	1176.47	1176.47	TBD	1176.47	TBD	TBD	2235.29
<b>Outdoor noise level</b>		<b>dB(A)</b>	52	55	TBD	55	TBD	TBD	60.5
<b>Outdoor Unit</b>	<b>Dimension (W*D*H)</b>	<b>mm/inch</b>	770x300x555 / 30.31x11.81x21.85	800x333x554 / 31.50x13.11x21.81	770x300x555 / 30.31x11.81x21.85	800x333x554 / 31.50x13.11x21.81	800x333x554 / 31.50x13.11x21.81	845x363x702 / 33.27x14.29x27.64	946x410x810 / 37.24x16.14x31.89
	<b>Packing (W*D*H)</b>	<b>mm/inch</b>	900x345x595 / 35.43x13.58x23.03	920x390x615 / 36.22x15.35x24.21	900x345x595 / 35.43x13.58x23.03	920x390x615 / 36.22x15.35x24.21	920x390x615 / 36.22x15.35x24.21	965x395x775 / 37.99x15.55x30.12	1090x500x854 / 42.91x19.69x34.45
	<b>Net/Gross weight</b>	<b>Kg-lbs.</b>	30.3/32.6 - 66.8/71.87	31.9/34.6 - 70.33/76.28	-	30.4/33 - 67.0/72.75	-	-	65.2/71.5143/74/157.63
	<b>Refrigerant type</b>	<b>g-oz</b>	R410A/850 - R410A/30	R410A/840 - R410A/29.63	TBD	R410A/840 - R410A/29.63	TBD	TBD	R410A/119.9
<b>Refrigerant precharge</b>		<b>ft</b>	25	25	25	25	25	20	
<b>Additional charge for each ft</b>		<b>oz</b>	0.161	0.161	0.161	0.161	0.161	0.322	
<b>Design pressure</b>		<b>PSIG</b>	550/340	550/340	550/340	550/340	550/340	550/340	
<b>Refrigerant Piping</b>	<b>Liquid Side / Gas Side</b>	<b>mm-inch</b>	Φ6.35/Φ9.52 - 1/4"/3/8"	Φ6.35/Φ12.7 - 1/4"/1/2"	Φ6.35/Φ9.52 - 1/4"/3/8"	Φ6.35/Φ12.7 - 1/4"/1/2"	Φ6.35/Φ12.7 - 1/4"/1/2"	Φ9.52/Φ15.9 - 3/8"/5/8"	Φ9.52/Φ15.9 - 3/8"/5/8"
	<b>Max. Refrigerant Pipe Length</b>	<b>m/ft</b>	25 / 82	25 / 82	25 / 82	25 / 82	30 / 98	30 / 98	65 / 213.25
	<b>Max. Difference in Level</b>	<b>m/ft</b>	10 / 33	10 / 33	10 / 33	10 / 33	20 / 66	20 / 66	30 / 98.42
<b>Connection Wiring</b>		-	16AWG*4 Stranded, unshielded	16AWG*4 Stranded, unshielded	16AWG*4 Stranded, unshielded	16AWG*4 Stranded, unshielded	16AWG*4 Stranded, unshielded	16AWG*4 Stranded, unshielded	
<b>Thermostat Type</b>		-	Remote Control	Remote Control	Remote Control	Remote Control	Remote Control	Remote Control	
<b>Room Temperature</b>	<b>Indoor(cooling/heating)</b>	<b>°C - °F</b>	17~32/0~30 - 62~90/32~86	17~32/0~30 - 62~90/32~86	17~32/0~30 - 62~90/32~86	17~32/0~30 - 62~90/32~86	17~32/0~30 - 62~90/32~86	17~32/0~30 - 62~90/32~86	
	<b>Outdoor(cooling/heating)</b>	<b>°C - °F</b>	-15~50/45~30 - 5~122/5~86	-15~50/45~30 - 5~122/5~86	-15~50/45~30 - 5~122/5~86	-15~50/45~30 - 5~122/5~86	-15~50/45~30 - 5~122/5~86	-15~50/45~30 - 5~122/5~86	
<b>Application area (Cooling Standard)</b>		<b>m2 / sq.ft</b>	12-17.6 / 129-189	16-23.4 / 172-252	12-17.6 / 129-189	16-23.4 / 172-252	23.3-34.2 / 251-368	30.6-44.9 / 330-484	48~70 / 516.67~753.47
<b>Qty' per 20' / 40' / 40'HQ</b>		-	110/228/248	84/178/214	110/228/248	84/178/214	74/160/186	60/126/142	36/76/88