

# DAIZUKI



**inverter**  
Full DC



**16**  
SEER



# Mini-Split Inverter



**16**  
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Product Specification Sheet			Model	DX-09x426-16	DX-12x426-16	DX-18x426-16	DX-24x426-16	DX-30x426-16
Rated Capacity	Cooling	W	2600 (1270-3100)	3500 (800-3620)	5300 (1000-5700)	6700 (1300-6700)	8400 (3000-8700)	
		Btu/h	9000 (4333-10577)	12000 (2729-12351)	18000 (3412-19449)	24000 (4435-22861)	30000 (10236-29685)	
Rated Power Consumption	Heating	W	2900 (1100-3200)	3500 (840-3700)	6100 (700-6400)	6700 (1200-6700)	8600 (2700-8700)	
		Btu/h	10000 (3753-10918)	12000 (2866-12624)	18000 (2388-21837)	24000 (4094-22861)	30000 (9212-29685)	
Rated Running Current	Cooling	W	860 (132-1100)	1350 (200-1450)	1960 (200-2100)	2500 (180-2500)	3530 (450-3700)	
		W	1030 (160-1080)	1190 (200-1320)	2300 (300-2500)	2200 (300-2200)	3560 (730-3800)	
Max. Input Power	Heating	A	5.0 (0.6-4.8)	6.1 (1.3-6.3)	8.4 (1.0-9.0)	10.9 (1.1-10.9)	16.3 (2.3-17.0)	
		A	4.5 (0.7-4.9)	5.2 (1.3-5.7)	10.0 (1.5-11.0)	9.7 (1.7-9.7)	16.4 (3.8-17.0)	
Max. Input Current	SEER	W	1500	1900	2600	4300	4300	
		A	7.5A	8.5	13.0	15	18	
SEER	SCOP	W/W	16.20	16.00	16.00	16.00	15.5	
		W/W	8.60	8.60	8.60	8.60	8.60	
Power supply source	Refrigerant	V/Ph/Hz	208-230V/60HZ	208-230V/60HZ	208-230V/60HZ	208-230V/60HZ	208-230V/60HZ	
			R410A	R410A	R410A	R410A	R410A	
Refrigerant Charged	Max. Discharge Pressure	g	820	880	1800	1850	2600	
		lb	1.80	1.94	3.97	4.08	5.73	
Max. Suction Pressure	Max. Suction Pressure	Mpa	4.15MPa	4.15MPa	4.15MPa	4.15MPa	4.15MPa	
		Mpa	1.15MPa	1.15MPa	1.15MPa	1.15MPa	1.15MPa	
Air Flow Volume	Noise level	m <sup>3</sup> /h	500	620	890	1150	1300	
		Indoor Unit	dB(A)	41	42	48	49	55
Net Weight	Indoor Unit	dB(A)	51	52	56	60	62	
		Kg	7	9.5	11	17	19	
Outdoor Unit	Outdoor Unit	Kg	27	27	39	46	61	
Indoor Unit Model Name			DX-09E426-16	DX-12E426-16	DX-18E426-16	DX-24E426-16	DX-30E426-16	
Indoor unit configuration	Evaporator	Multi-bend	3	3	4	4	4	
		Rows	2	2	2	2	2	
		Tube pitch×Flow pitch	20.5×25.4	20.5×25.4	20.5×25.4	20.5×25.4	20.5×25.4	
		Tube	Material	Inner-grooved copper	Inner-grooved copper	Inner-grooved copper	Inner-grooved copper	Inner-grooved copper
			Length	610	690	750	850	910
	Fin	Diameter × Thickness	mm	Φ7×0.24	Φ7×0.24	Φ7×0.24	Φ7×0.24	Φ7×0.24
		Material	Hydrophilic aluminium foil	Hydrophilic aluminium foil	Hydrophilic aluminium foil	Hydrophilic aluminium foil	Hydrophilic aluminium foil	
	Fan system	Fan	Fin Type	Window type	Window type	Window type	Window type	Window type
			Face Area	m <sup>2</sup>	0.61×0.267	0.685×0.287	0.75×0.315	0.85×0.315
		Fan motor	Type	Cross-flow fan	Cross-flow fan	Cross-flow fan	Cross-flow fan	Cross-flow fan
Material			AS	AS	AS	AS	AS	
Diameter × Length			mm	Φ96×501	Φ95×685	Φ108×741.5	Φ108×840	Φ107×897.1
Air circulation (H/M/L)	Type	AC/DC	AC	AC	AC	AC		
	Model	Pcs	YYK19-4-60	YYK19-4-60	YYS25-4-60	YYS50-4-7B-108	YYS50-4-60	
Dimension	Net Dimension	m <sup>3</sup>	500	620	890	1050	1200	
		mm	802×265×190	880×286×203	940×300×220	1080×300×220	1185×322×244	
Outdoor Unit Model Name	Packing Dimension	mm	860×325×255	945×350×270	993×360×285	1136×360×285	1300×440×395	
		mm	860×325×255	945×350×270	993×360×285	1136×360×285	1300×440×395	
Compressor Model			ASN98D32UFZ	ASN108D32UFZ	ATD141RDP&JTA	DA150S1C-20FZ	DA250S2C-30MT	
Compressor Parameter	Drive mode	AC/DC	DC	DC	DC	DC	DC	
		Type	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	
Outdoor unit configuration	Fan system	Brand	GMCC	GMCC	HIGHLY	GMCC	GMCC	
			Type	Axial-flow fan	Axial-flow fan	Axial-flow fan	Axial-flow fan	Axial-flow fan
		Fan	Vane Number	3	3	3	3	3
			Blade Material	AS	AS	AS	AS	AS
			Diameter	mm	Φ390	Φ408	Φ421	Φ440
	Fan motor	Model	D-24-8	D-24-8	YDK31-6A-60	D-310-69-8A	YDK85-6C-60	
		Type	DC	DC	AC	DC	AC	
		Quantity	1	1	1	1	1	
	Condenser	Motor speed (H/M/L)	rpm	820/620/500	820/620/500	900/650	800/780/450	855/810/550
			Rated Output Power	W	24	24	31	69
Casing	Rows	Row	1	1	2	2.5	2.5	
		Material	Inner-grooved copper	Inner-grooved copper	Inner-grooved copper	Inner-grooved copper	Inner-grooved copper	
Tube	Length	mm	702	725	857	771	863	
		Diameter × Thickness	mm	Φ7.94×0.24	Φ7.94×0.24	Φ9.52×0.27	Φ7.94×0.24	Φ7.94×0.24
Fin	Material	Hydrophilic aluminium foil	Hydrophilic aluminium foil	Hydrophilic aluminium foil	Hydrophilic aluminium foil	Hydrophilic aluminium foil		
		Fin Type	Window type	Window type	Flat type	Flat type	Flat type	
Casing	Thickness	Fins per inch	Pcs	21	17	17	19	18
		Bottom Pan	mm	1	1	1	1.2	1.2
Connection Pipe	Liquid tube Diameter × Thickness	mm	Φ6.35×0.5	Φ6.35×0.5	Φ6.35×0.5	Φ9.52×0.6	Φ9.52×0.6	
		in	Φ1/4×0.5	Φ1/4×0.5	Φ1/4×0.5	Φ3/8×0.5	Φ3/8×0.5	
Dimension	Gas tube Diameter × Thickness	mm	Φ9.52×0.6	Φ9.52×0.6	Φ15.88×0.75	Φ15.88×0.75	Φ15.88×0.75	
		in	Φ3/8×0.6	Φ3/8×0.6	Φ5/8×0.75	Φ5/8×0.75	Φ5/8×0.75	
Loading	Net Dimension	mm	720×540×260	760×540×260	802×535×298	800×690×300	902×795×332	
		Packing Dimension	mm	850×620×370	880×600×370	920×400×620	940×750×420	1030×860×430
Loading	20' / 40' / 40'HQ	Sets	115/210/264	100/198/250	80/155/197	70/138/165	42/90/113	



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