

DAIZUKI®



inverter
Full DC
HEAT PUMP

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TECHNOLOGY™

18
SEER

Mini-Split Inverter Heat Pump



DX 18 Series Technical Specifications								
Model No.		DX12X416H-18	DX12X426H-18	DX18X426H-18	DX24X426H-18	DX30X426H-18	DX36X426H-18	
Indoor		DX12E416H-18	DX12E426H-18	DX18E426H-18	DX24E426H-18	DX30E426H-18	DX36E426H-18	
Outdoor		DX12C416H-18	DX12C426H-18	DX18C426H-18	DX24C426H-18	DX30C426H-18	DX36C426H-18	
Power Supply		V/Ph/Hz	115/1/60	220/1/60	220/1/60	220/1/60	220/1/60	
Cooling	Capacity	Btu/h	12000 (3753-12500)	12000 (3753-12500)	18000 (3412-20472)	22000 (8600-24000)	28000 (9485-30025)	33600 (7404-35997)
	Power Input	W	1194	1154	1820	2010	2705	4100
	SEER	Btu/W	18	18	18	18	18	18
	EER	Btu/W	2.95	3.05	2.90	3.21	3.03	2.40
	Fuse Current	A	3.15	3.15	3.15	3.15	3.15	3.15
Rated Current		A	13.5	6.0	12	11.98	17	20
Compressor	Type	-	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
	Brand	-	GREE	GREE	GREE	GREE	GREE	MITSUBISHI
	LRA	Btu/h	40	/	25	25	40	67
	Power Input	W	980	1020	1440	1440	2450	3010
	RLA	A	15.23	6.60	12.08	12.18	13.45	17.50
	Oil	-	FVC68D or RB 68EP	RB68EP	RB68EP	RB68EP	PVE	FV50S
Indoor Fan Motor	Model	-	/	/	/	/	/	
	Fan Type	-	Cross-flow	Cross-flow	Cross-flow	Cross-flow	Cross-flow	Cross-flow
	Power Output	W	20	20	35	30	70	70
	Capacitor	µF	4	1.5	2.5	3	0	0
	Cooling Speed	r/min	1350/1200/1000/800	1350/1200/1000/800	1350/1200/1050/900	1300/1150/1000/850	1350/1150/950/850	1400/1250/1000/800
Heating Speed	r/min	1350/1200/1000/900	1350/1200/1000/900	1300/1200/1100/900	1300/1150/1000/850	1350/1200/1000/800	1400/1250/1050/850	
Indoor Coil	Number of Rows	-	2	2	2	2	2	
	Fin Gap	mm	1.4	1.4	1.4	1.5	1.4	1.4
	Evaporator Form	-	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube
	Tube Outside Diam. and Type	mm	Φ5	Φ5	Φ7	Φ7	Φ7	Φ7
	Evap. Coil Length (L x H x W)	mm	635×22.8×306.3	635×22.8×306.3	715×25.4×304.8	845×25.4×342.9	1074×25.4×381	1074×25.4×381
	Air Flow Volume	CFM	680/540/410/330	680/540/410/330	850/750/650/500	1200/1050/900/750	1200/1050/900/700	1250/1100/900/700/0
Indoor Sound Power Level		dB(A)	53/49/45/39	53/49/45/39	57/54/51/45	63/59/56/52	61/55/51/47	64/59/54/47
Indoor Unit	Dimensions (W x D x H)	mm	918×278×364	918×278×364	1038×380×305	1145×410×335	1438×418×352	1438×418×352
	Dimensions (W x D x H)	Inches	36.14x10.94x14.3	36.14x10.94x14.3	40.9x15x12	45x16.2x13.2	56.6x16.45x13.9	56.6x16.45x13.9
	Net/Gross Weight	Kg/lbs	10.5/12.5 - 23.1/27.5	10.5/12.5 - 23.1/27.5	14/17 - 30.8/37.4	17.0/20.5 - 37.4/ 45.1	19/23.5 - 41.8/51.8	19/23.5 - 41.8/51.8
Outdoor Fan Motor	Model	-	/	/	/	/	/	
	Fan Type	-	Axial-flow	Axial-flow	Axial-flow	Axial-flow	Axial-flow	Axial-flow
	Power Output	W	30	30	60	60	120	170
	RLA	A	0.23	0.37	0.52	0.40	0.45	0.73
	Speed	r/min	900	900	800	800	795	890
Outdoor Coil	Number of Rows	-	2	2	1	2	2	
	Fin Gap	mm	1.4	1.4	1.4	1.4	1.4	1.4
	Condenser Form	-	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube
	Condenser Pipe Diameter	mm	Φ7	Φ7	Φ9.52	Φ7	Φ 7.94	Φ9.52
	Condenser Coil Length (L x H x W)	mm	712×38.1×506	710×38.1×508	854×22×660	935×38.1×660	935×38.1×660	940.5×44×762
Outdoor Air Flow		CFM	1059	941.7	1883	1883	2354	2589
Outdoor Sound Power Level		dB(A)	63	63	67	68	72	75
Outdoor Unit	Dimensions (W x D x H)	mm	878×360×580	820×355×580	1026×455×735	1026×455×735	1080×485×840	1080×485×840
	Dimensions (W x D x H)	Inches	35x14.1x23	32x13.2x23	40.4x18x29	40.4x18x29	42.5x19.1x33.1	42.5x19.1x33.1
	Net/Gross Weight	Kg/lbs	30.5/33	31.5/34	44/48.5	47/51.5	70/75	73/78
Refrigerant Type		g/oz	R410A	R410A	R410A	R410A	R410A	R410A
Design Pressure		MP(PSIG)	2.5/4.3 (550/240)	2.5/4.3 (550/240)	2.5/4.3 (550/240)	2.5/4.3 (550/240)	2.5/4.3 (550/240)	2.5/4.3 (550/240)
Refrigerant Piping	Liquid Side/Gas Side	mm/Inches	Φ6/Φ9.52	Φ6/Φ9.52	Φ6/Φ12	Φ6/Φ16	Φ6/Φ16	Φ6/Φ16
	Max. Length Distance	m/ft	30/98.4	30/ 98.4	30/ 98.4	30.5/100	30/ 98.4	30/ 98.4
	Max. Height Distance	m/ft	15/16.4	20/ 65.6	20/ 65.6	20/ 65.6	10/32.8	10/32.8
Thermostat Type		-	Remote Control	Remote Control	Remote Control	Remote Control	Remote Control	Remote Control
Operation Temperature	Indoor (Cooling/Heating)	°C/°F	16~30	16~30	16~30	16~30	16~30	16~30
	Outdoor (Cooling/Heating) Opt	°C/°F	-18~24	-18~24	-18~24	-18~24	-18~24	-18~24
Application Area (Cooling Standard)		m ² /Sq ft	16-24 / 64.58-258.3	16-24 / 64.58-258.3	23-34 / 247.6-258.3	23-34 / 247.6-258.3	35-52 / 376.7-559.7	46-70 / 495.1-753.4



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