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Full DC

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**18**  
SEER

# Mini-Split Inverter



DX 18 Series Technical Specifications										
Model No.		DX09X416G-18	DX09X426G-18	DX12X416G-18	DX12X426G-18	DX18X426G-18	DX24X426G-18	DX30X426G-18	DX36X426G-18	
Indoor		DX09E416G-18	DX09E426G-18	DX12E416G-18	DX12E426G-18	DX18E426G-18	DX24E426G-18	DX30E426G-18	DX36E426G-18	
Outdoor		DX09C416G-18	DX09C426G-18	DX12C416G-18	DX12C426G-18	DX18C426G-18	DX24C426G-18	DX30C426G-18	DX36C426G-18	
Power Supply		V/Ph/Hz	115/1/60	220/1/60	115/1/60	220/1/60	220/1/60	220/1/60	220/1/60	
Cooling	Capacity	Btu/h	9000 (2764-9724)	9000 (3100-9600)	12000 (3753-12500)	12000 (3753-12500)	18000 (3412-20472)	22000 (8600-24000)	28000 (9485-30025)	33600 (7404-35997)
	Power Input	W	900	850	1194	1154	1820	2010	2705	4100
	SEER	Btu/W	18	18	18	18	18	18	18	18
	EER	Btu/W	2.93	3.10	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	3.15	3.15
Rated Current		A	12.66	5.8	13.5	6.0	12	11.98	17	20
Compressor	Type	-	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	
	Brand	-	GREE	GREE	GREE	GREE	GREE	GREE	MTSUBISHI	
	LRA	Btu/h	40	/	40	/	25	25	40	6
	Power Input	W	980	1020	980	1020	1440	1440	2450	3010
	RLA	A	12.62	6.60	15.23	6.60	12.08	11.29	13.45	17.50
	Oil	-	FVC68D or RB 68EP	RB68EP	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	Cross-flow	
	Power Output	W	20	20	20	20	35	30	70	70
	Capacitor	µF	4	1	4	1.5	2.5	3	0	0
	Cooling Speed	r/min	1350/1200/1050/750	1350/1200/1050/750	1350/1200/1000/800	1350/1200/1000/800	1350/1200/1050/900	1300/1150/1000/850	1350/1150/950/850	1400/1250/1000/800
Indoor Coil	Number of Rows	-	2	2	2	2	2	2	2	
	Fin Gap	mm	1.4	1.4	1.4	1.4	1.4	1.5	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	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube
	Tube Outside Diam. and Type	mm	Φ5	Φ5	Φ5	Φ5	Φ7	Φ7	Φ7	Φ7
	Evap. Coil Length (LxHxW)	mm	584×22.8×266.7	584×22.8×266.7	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
Indoor Air Flow (Hi/Mi/Lo)	m <sup>3</sup> /h	540/490/410/290	540/490/410/290	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)	53/48/44/28	53/49/45/39	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 (WxDxH)	mm	863×268×352	863×268×352	918×278×364	918×278×364	1038×380×305	1145×410×335	1438×418×352	1438×418×352
	Dimensions (WxDxH)	Inches	34x10.6x13.9	34x10.6x13.9	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	9.5/11.5 - 20.9/25.3	9.5/11.5 - 20.9/25.3	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	Axial-flow	
	Power Output	W	30	30	30	30	60	60	120	170
	RLA	A	0.24	0.36	0.23	0.37	0.52	0.40	0.45	0.73
	Speed	r/min	850	900	900	900	800	800	795	890
Outdoor Coil	Number of Rows	-	1	1	2	2	1	2	2	
	Fin Gap	mm	1.4	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	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube
	Condenser Pipe Diameter	mm	Φ7	Φ7	Φ7	Φ7	Φ9.52	Φ7	Φ 7.94	Φ9.52
	Condenser Coil Length (LxHxW)	mm	756×19.05×508	710×19.05×508	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	1059	941.7	1883	1883	2354	2589	
Outdoor Sound Power Level	dB(A)	62	62	63	63	67	68	72	75	
Outdoor Unit	Dimensions (WxDxH)	mm	878×360×580	820×335×580	878×360×580	820×355×580	1026×455×735	1026×455×735	1080×485×840	1080×485×840
	Dimensions (WxDxH)	Inches	35x14.1x23	323x13.2x23	35x14.1x23	323x13.2x23	40.4x18x29	40.4x18x29	42.5x19.1x33.1	42.5x19.1x33.1
	Net/Gross Weight	Kg/lbs	28.5/31	29/31.5	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	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)	2.5/4.3 (550/240)	2.5/4.3 (550/240)	
Refrigerant Piping	Liquid Side/Gas Side	mm/Inch	Φ6/Φ9.52	Φ6/Φ9.52	Φ6/Φ9.52	Φ6/Φ9.52	Φ6/Φ12	6/ 16	Φ6/Φ16	Φ6/Φ16
	Max. Refrigerant Pipe Length	m/ft	20/65.6	30/98.4	30/98.4	30/ 98.4	30/ 98.4	30.5/100	30/ 98.4	30/ 98.4
	Max. Height Distance	m/ft	10/32.8	20/65.6	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	Remote Control	Remote Control	
Operation Temperature	Indoor (Cooling/Heating)	°C/°F	16~30	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	-18~-24	
Application Area (Cooling Standard)	m <sup>2</sup> /Sq ft	12-18 / 129.1-193.7	12-18 / 129.1-193.7	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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