

Specifications-Air source heat pump-Inver X7

Air to Water Heat Pump	Model		iGXC08	iGXC11	iGXC13	iGXC16	iGXC11T	iGXC13T	iGXC16T
Power Supply			220-240V~/50Hz				380-415V/3N~/50Hz		
A7°C/W35°C	Normal capacity	kW	8.00	11.00	13.00	16.00	11.00	13.00	16.00
	Heating capacity	kW	4.05~9.50	3.75~13.45	4.05~15.15	6.39~18.1	3.77~13.46	4.05~15.15	6.41~18.2
	Power Input	kW	0.80~2.08	0.57~3.77	0.66~4.10	1.01~5.25	0.55~3.74	0.66~4.00	1.06~5.28
	COP range	W/W	4.13~7.00	4.11~7.00	4.09~6.57	4.01~6.32	4.13~6.95	4.09~6.58	4.05~6.36
A2°C/W35°C	Normal capacity	kW	7.00	10.50	12.50	15.60	10.50	12.50	15.60
	Heating capacity	kW	3.45~8.00	3.45~13.30	3.55~14.55	5.57~16.31	3.44~13.21	3.55~14.55	5.55~16.33
	Power Input	kW	0.82~2.30	0.69~3.74	0.87~3.95	1.20~4.75	0.67~3.79	0.87~3.93	1.15~4.8
	COP range	W/W	2.33~4.75	2.26~4.67	2.50~4.56	2.41~4.48	2.25~4.66	2.50~4.59	2.45~4.51
A7°C/W55°C	Normal capacity	kW	7.00	10.60	12.70	15.80	10.50	12.70	15.80
	Heating capacity	kW	3.60~8.40	3.32~13.06	3.92~14.60	5.30~16.2	3.33~13.08	3.92~14.60	5.32~16.3
	Power Input	kW	1.20~2.70	0.75~4.05	0.76~4.65	1.11~6.15	0.76~4.08	0.96~4.64	1.13~6.20
	COP range	W/W	2.25~4.15	2.15~4.03	2.04~4.01	2.02~3.97	2.15~4.02	2.04~4.04	2.06~4.00
A35°C/W18 °C	Normal capacity	kW	7.00	10.00	12.00	15.00	10.00	12.00	15.00
	Cooling capacity	kW	1.89~9.15	2.74~12.55	3.63~13.76	4.94~17.62	2.73~12.50	3.63~13.79	4.93~17.65
	Power Input	kW	0.47~2.89	0.84~3.56	0.77~3.88	1.13~5.29	0.81~3.57	0.77~3.85	1.10~5.25
	EER range	W/W	2.21~4.33	2.10~4.21	2.01~4.16	2.08~4.14	2.08~4.20	2.01~4.20	2.05~4.20
Energy Rating	Average climate, W35 °C	/	A+++						
	Average climate, W55 °C	/	A+++						
Electrical Data	Max input current	A	15.0	20.4	24.0	32.0	7.2	8.5	13.0
	Maximum power	kW	3.45	5.80	6.50	9.00	5.90	6.50	9.50
Noise	Sound pressure at 1m dB(A)	dB(A)	44	44	45	47	44	45	47
	Sound pressure at 3m dB(A)	dB(A)	30	30	32	35	30	32	35
	Sound power level	dB(A)	51	51	52	55	51	52	55
Water Setting Temperature Range	Cooling	°C	6~26						
	Heating	°C	28~75						
	DHW	°C	28~75						
Operating Air Temperature		°C	-25~43						
Flow rate		m³/h	1.38	1.80	2.20	2.80	1.80	2.20	2.80
Water Pipe In-out Spec.		Inch	G1"	G1"	G1"	G1"	G1"	G1"	G1"
Refrigerant Circuit	Refrigerant	/	R290						
	GWP	/	0.02						
	Refrigerant R-290	g	1000	1300	1400	1850	1300	1400	1850
	Compressor type	/	Twin rotary						
Unit Dimensions		mm	1350*555*780	1430*525*1096	1430*525*1096	1350*555*1450	1430*525*1096	1430*525*1096	1350*555*1450
Packing Dimensions		mm	1411*560*815	1495*555*1130	1495*555*1130	1411*560*1487	1495*555*1130	1495*555*1130	1411*560*1487
Net Weight		kg	122	160	170	194	176	182	210
Gross Weight		kg	147	179	189	214	195	201	230