

SPECIFICATIONS OF INVERX HORIZONTAL TURBOSILENCE INVERTER POOL HEAT PUMP

Model	IXCR26	IXCR36	IXCR46	IXCR56	IXCR66	IXCR80	IXCR80T	IXCR110T
Advised pool volume (m ³)	20~40	25~50	30~60	40~75	55~100	65~120	65~120	90~160
Operating air temperature (°C)	-15~43							
Performance Condition: Air 26°C, Water 26°C, Humidity 80%								
Heating capacity (kW) in Smart mode	8.8	11.3	14.0	18.0	22.0	27.5	27.5	35.0
Heating capacity (kW) in Turbo mode	10.5	13.5	17.0	21.5	26.0	32.0	32.0	40.0
COP in Smart mode	8.0	8.5	7.7	7.5	8.0	7.6	7.6	7.5
COP	15.6~7.3	15.5~7.5	16.0~6.6	15.5~6.5	16.5~7.0	16.3~6.5	16.3~6.5	16.3~6.6
COP at 50% capacity	11.8	12.0	11.5	11.5	11.6	11.5	11.5	11.4
Performance Condition: Air 15°C, Water 26°C, Humidity 70%								
Heating capacity (kW) in Smart mode	6.3	7.5	9.5	12.0	15.0	18.5	18.5	24.5
Heating capacity (kW) in Turbo mode	7.5	9.0	11.5	14.5	18.0	22.0	22.0	28.5
COP in Smart mode	5.4	5.5	5.2	5.2	5.6	5.5	5.5	5.3
COP	7.1~4.9	7.0~5.0	7.5~4.5	8.0~4.7	8.0~5.1	8.0~5.0	8.0~5.0	8.1~4.8
COP at 50% capacity	6.7	6.7	6.8	7.0	7.0	7.0	7.0	6.9
Performance Condition: Air 35°C, Water 28°C, Humidity 80%								
Cooling capacity (kW)	4.5	5.8	6.7	8.2	12.0	14.0	14.0	16.5
Sound pressure at 1m dB(A)	38.5~45.5	38.6~46.9	42.0~47.7	42.9~50.8	40.8~51.2	43.3~51.9	43.3~51.9	42.5~51.7
Sound pressure of 50% capacity at 1m dB(A)	39.5	41.3	43.7	44.5	44.4	46.4	46.4	43.8
Sound pressure at 10m dB(A)	18.5~25.5	18.6~26.9	22.0~27.7	22.9~30.8	20.8~31.2	23.3~31.9	23.3~31.9	22.5~31.7
Heat exchanger	Spiral titanium tube in PVC							
Casing	Aluminum-alloy Casing							
Power supply	230V/1 Ph/50Hz						400V/3 Ph/50Hz	
Rated input power at air 15°C (kW)	0.18~1.53	0.22~1.8	0.26~2.56	0.31~3.08	0.38~3.53	0.46~4.4	0.46~4.4	0.60~5.94
Rated input current at air 15°C (A)	0.78~6.65	0.96~7.82	1.14~11.3	1.35~13.4	1.65~15.3	2.01~19.1	0.66~6.35	0.87~8.57
Advised water flux (m ³ /h)	2~4	3~4	4~6	6.5~8.5	8~10	10~12	10~12	12~18
Water pipe in-out size (mm)	50							