

### Smart iQ INVER Silence (Heat&Cool) Specifications

Client Model	7301031	7301032	7301033	7301034	7301035	7301036	7301037	7301038
Model	AXCR10	AXCR13	AXCR17	AXCR21	AXCR26	AXCR32	AXCR32T	AXCR40T
Advised pool volume (m <sup>3</sup> )	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 Turbo mode	10.2	13.2	16.8	21.0	25.5	31.5	31.5	40.0
Heating capacity (kW) in Smart mode	8.5	11.0	13.8	17.5	21.5	27.0	27.0	35.0
COP in Smart mode	7.8	8.2	7.5	7.3	7.8	7.4	7.4	7.3
COP	15.1~7.1	15.0~7.3	15.5~6.4	15.0~6.3	16.0~6.8	15.8~6.3	15.8~6.3	15.8~6.4
COP at 50% capacity	11.4	11.6	11.2	11.2	11.3	11.2	11.2	11.1
Performance Condition: Air 15°C, Water 26°C, Humidity 70%								
Heating capacity (kW) in Turbo mode	7.5	8.8	11.3	14.3	17.5	21.5	21.5	28.0
Heating capacity (kW) in Smart mode	6.3	7.3	9.4	11.8	14.8	18.0	18.0	24.0
COP in Smart mode	5.2	5.3	5.0	5.0	5.4	5.3	5.3	5.1
COP	6.9~4.8	6.8~4.9	7.3~4.4	7.8~4.6	7.8~4.9	7.8~4.9	7.8~4.9	7.9~4.7
COP at 50% capacity	6.5	6.5	6.6	6.8	6.8	6.8	6.8	6.7
Performance Condition: Air 35°C, Water 28°C, Humidity 80%								
Cooling capacity (kW)	4.4	5.6	6.5	8.0	11.6	13.6	13.6	16.0
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
Compressor	Twin-rotary Mitsubishi DC-inverter							
Heat exchanger	Spiral titanium tube in PVC							
Casing	Aluminum-alloy or ABS 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
Max input current (A)	10.0	12.5	16.0	18.5	20.5	24.0	9.4	12.5
Advised water flux (m <sup>3</sup> /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							
Net Dimension L × W × H (mm) (铝合金箱体)	799×432×650	893×432×650	939×432×650	995×432×750	1125×429×952	1074×539×947	1074×539×947	1260×539×947
Net weight (kg)	51	61	65	70	98	102	111	126
Qty per 20'FT / 40'HQ (sets)	90/195	78/180	78/168	50/162	42/92	36/80	36/80	34/72
Gas (g)	550	800	1000	1200	2000	2300	2300	3200
GWP	675							
CO2 equivalent (tonnes)	0.371	0.540	0.675	0.810	1.350	1.553	1.553	2.160
Max input current (A)	10.0	12.5	16.0	18.5	20.5	24.0	9.4	12.5
Circuit breaker (A)	12.0	15.0	19.0	22.5	24.5	28.5	11.3	15.0
Power cord (mm <sup>2</sup> )	3×2.5	3×2.5	3×4	3×4	3×6	3×6	5×2.5	5×2.5