

XP16 | R290

Model	AX16-25P	AX16-35P	AX16-50P	AX16-65P	AX16-80P
Advised pool volume (m3)	10~25	18~35	30~50	35~65	45~80
Operating air temperature (°C)	0~43				
Performance Condition: Air 26°C, Water 26°C, Humidity 80%					
Heating capacity (kW) in Turbo mode	6.6	8.5	12.5	16.5	19.5
Heating capacity (kW) in Smart mode	5.0	6.8	10.0	13.2	15.3
COP	12.7~5.4	12.8~5.8	13.2~6.4	16.0~6.6	13.4~6.3
COP at 50% capacity	9.5	9.8	10	10.6	10.2
Performance Condition: Air 15°C, Water 26°C, Humidity 70%					
Heating capacity (kW) in Turbo mode	4.8	5.9	8.9	11.2	13.6
Heating capacity (kW) in Smart mode	3.8	4.8	7.2	9.0	10.6
COP	6.5~4	6.7~4.2	6.8~4.6	7.4~4.9	6.9~4.7
COP at 50% capacity	5.7	5.9	6.1	6.4	6.3
Sound pressure at 1m dB(A)	39.5~50.6	40.1~51.2	42.5~53.6	43.2~55.8	43.7~57.0
Sound pressure of 50% capacity at 1m dB(A)	41.5	42.7	46.8	47.5	49.6
Sound pressure at 10m dB(A)	19.5~30.6	20.1~31.2	22.5~33.6	23.2~35.8	23.7~37.0
Compressor	Twin-rotary DC inverter				
Heat exchanger	Spiral titanium tube in PVC				
Casing	Aluminum-alloy Casing				
Power supply	230V~/1Ph/50Hz				
Rated input power at air 15°C (kW)	0.12~1.2	0.14~1.4	0.21~1.93	0.24~2.29	0.31~2.89
Rated input current at air 15°C (A)	0.52~5.2	0.61~6.1	0.91~8.4	1.04~10	1.35~12.6
Advised water flux (m³/h)	2~3	3~4	4~6	6.5~8.5	8~10
Water pipe in-out size (mm)	50				
Net Dimension L × W × H (mm)	682×359×598	744×359×648	894×359×648	954×359×648	954×359×747
Net weight (kg)	34	36	48	56	62
Qty per 20'FT / 40'HQ (sets)	126/270	114/252	102/210	90/198	60/198

* The advised pool volume indicated applies under following conditions: Swimming pool is well covered; system runs at least 15 hours per day;
* The final specs will be accordance with the specs on the product.



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COP 16



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UP TO COP16

16 times energy saving



130% TURBOSILENCE

Heating efficiency perfectly increased with maximum running speed



GWP 0.02 ONLY

R290 Driven, Real Low Carbon