

Fairland XP16 R290

Model	X16-07P	X16-09P	X16-13P	X16-17P	X16-21P
Advised pool volume (m ³)	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	7.0	9.0	12.8	17.0	20.5
Heating capacity (kW) in Smart mode	5.4	7.2	10.3	13.6	16.0
COP	13.0~5.6	13.2~6.0	13.6~6.6	16.2~6.8	13.8~6.5
COP at 50% capacity	9.8	10.1	10.3	10.8	10.5
Performance Condition: Air 15°C, Water 26°C, Humidity 70%					
Heating capacity (kW) in Turbo mode	5.0	6.2	9.0	11.3	14.2
Heating capacity (kW) in Smart mode	4.0	5.0	7.3	9.1	11.1
COP	6.7~4.1	6.9~4.3	7.0~4.7	7.5~5.0	7.1~4.8
COP at 50% capacity	5.9	6.1	6.3	6.6	6.5
Performance Condition: Air 35°C,Water 28°C, Humidity 80%					
Cooling capacity (kW) (Optional)	2.7	3.3	5.4	6.6	7.6
Sound pressure at 1m dB(A)	39.5~46.9	40.1~48.3	42.5~53.6	43.2~55.8	43.7~56.5
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)	19.5~26.9	20.1~28.3	22.5~33.6	23.2~35.8	23.7~36.5
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)	0.12~1.22	0.14~1.44	0.21~1.91	0.24~2.26	0.31~2.96
Rated input current at air 15°C (A)	0.52~5.3	0.61~6.3	0.91~8.3	1.04~9.8	1.35~12.9
Max input current (A)	7	8.0	10	16	18
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)	832×432×600	832×432×600	924×427×662	1050×427×760	1100×427×761
Net weight (kg)	51	52	61	74	78
Qty per 20'FT / 40'HQ (sets)	90/184	90/184	78/168	48/150	42/141