

Fairland XP20 R290

Model	X20-10P	X20-13P	X20-15P	X20-19P	X20-24P	X20-34P	X20-34PT
Advised pool volume (m³)	20~30	25~40	31~50	45~65	51~75	76~110	76~110
Operating air temperature (°C)	-15~43						
Performance Condition: Air 26°C, Water 26°C, Humidity 80%							
Heating capacity (kW) in Turbo mode	9.8	13.2	14.8	18.7	24.0	33.8	33.8
Heating capacity (kW) in Smart mode	7.8	10.2	12.0	15.5	19.6	28.4	28.4
COP	16.1~7	17.3~7.3	17.2~7.2	20.1~7.0	17.0~6.8	17.1~6.7	16.8~6.7
COP at 50% capacity	11.3	11.8	11.7	14.3	11.5	11.6	11.4
Performance Condition: Air 15°C, Water 26°C, Humidity 70%							
Heating capacity (kW) in Turbo mode	6.5	8.8	9.6	12.4	15.7	22.9	22.9
Heating capacity (kW) in Smart mode	5.2	6.8	7.9	10.3	12.9	19.2	19.2
COP	7.4~4.6	8.0~4.9	8.0~5.0	8.4~4.8	7.9~4.8	7.9~5.1	7.8~5.1
COP at 50% capacity	6.6	7.0	7.0	7.4	6.9	7.0	6.8
Performance Condition: Air 35°C, Water 28°C, Humidity 80%							
Cooling capacity (kW) (Optional)	3.8	4.8	5.9	6.9	8.9	14.6	14.6
Sound pressure at 1m dB(A)	38.5~47.3	39.1~48.2	39.5~49.7	41.5~52.0	42.1~53.6	43.1~56.7	43.1~56.7
Sound pressure of 50% capacity at 1m dB(A)	41.7	43.2	43.9	45.7	46.3	47.1	47.1
Sound pressure at 10m dB(A)	18.5~27.3	19.1~28.2	19.5~29.7	21.5~32.0	22.1~33.6	23.1~36.7	23.1~36.7
Compressor	Twin-rotary DC-inverter						
Heat exchanger	Spiral titanium tube in PVC						
Casing	Aluminum-alloy Casing						
Power supply	230V~/1Ph/50Hz						400V 3N~, 50Hz
Rated input power at air 15°C (kW)	0.14~1.41	0.17~1.8	0.2~1.92	0.25~2.58	0.33~3.27	0.49~4.49	0.49~4.49
Rated input current at air 15°C (A)	0.61~6.13	0.74~7.83	0.87~8.35	1.09~11.22	1.43~14.22	2.13~19.52	0.71~6.48
Max input current (A)	8	10.0	12.5	14	17	27	10.2
Advised water flux (m³/h)	2~4	2~4	3~4	4~6	6.5~8.5	10~12	10~12
Water pipe in-out size (mm)	50						
Net Dimension L × W × H (mm)	857x427x661	924x427x661	985x427x661	1050x427x761	1148x432x955	1314x536x916	1314x536x916
Net weight (kg)	55	61	65	82	97	126	132
Qty per 20'FT / 40'HQ (sets)	81/180	79/168	75/159	48/152	42/92	31/64	31/64