



uk pool store
POOL PRODUCTS YOU CAN TRUST

FAIRLAND

INVERX20 INVERTER HEAT PUMP



InverX20 Inverter Heat Pump



Introducing the impressive Fairland InverX20 Full-Inverter Heat Pump, featuring Fairland's original Full-Inverter technology, self-developed control system, and advanced 3D heat-exchanging technology. Designed for efficiency, performance, and durability.

Features at Glance:

- 3D Heat Exchanging Tech: 30% more efficiency
- 3 Operation Modes: Turbo (120%), Smart (20-100%), Silent (20-60%)
- Max Energy Saving: COP20 (1kW Input = 20kW Output)
- All-Year Use: Operates from -20°C to 43°C
- Fantastic Warranty available

Warranty - The Best UK Heat Pump Warranty

+ 15 YEARS COMPRESSOR WARRANTY

+ 15 YEARS HEAT EXCHANGER WARRANTY

+ 7 YEARS PARTS WARRANTY

+ 1 YEAR LABOUR WARRANTY

Enhance your coverage with extended labour warranty! Purchase additional years for peace of mind and complete protection.

| Extra Labour Warranty Years | Add On Price |
|-----------------------------|--------------|
| 2 More Years | £100 |
| 3 More Years | £250 |
| 4 More Years | £500 |

Price List & Savings

| Description | | exc Vat Price | RRP |
|-------------|---|---------------|-----------|
| X20-14 | InverX20 12kW Heat Pump (Turbo Mode 14kW) | £3,016 | £3,619.20 |
| X20-18 | InverX20 15.4kW Heat Pump (Turbo Mode 18.5kW) | £3,877 | £4,652.40 |
| X20-22 | InverX20 18kW Heat Pump (Turbo Mode 22kW) | £4,524 | £5,428.80 |
| X20-26 | InverX20 22.5kW Heat Pump (Turbo Mode 26.5kW) | £5,238 | £6,285.60 |
| X20-32 | InverX20 27.5kW Heat Pump (Turbo Mode 32kW) | £5,971 | £7,165.20 |

Specification

| Model | X20-14 | X20-18 | X20-22 | X20-26 | X20-32 |
|--|--------------------|--------------|--------------|--------------|--------------|
| Advised pool volume (m ³) | 30~50 | 40~65 | 45~75 | 55~90 | 65~105 |
| Working air temp (°C / °F F) | -20 ~43 / -4 ~109 | | | | |
| Performance Condition: Air 26°C / 80°F F, Water 26°C / 80°F F, Humidity 80% | | | | | |
| Heating capacity (kW) in Turbo mode | 14.0 | 18.5 | 22.0 | 26.5 | 32.0 |
| Heating capacity (kW) in Smart mode | 12.0 | 15.4 | 18.0 | 22.5 | 27.5 |
| COP | 20.0~7.8 | 19.6~7.2 | 21~7.4 | 20.7~7.5 | 20.0~7.3 |
| COP at 50% capacity | 15.2 | 14.8 | 15.3 | 15.2 | 15.1 |
| COP at 20% capacity | 20.0 | 19.6 | 21.0 | 20.7 | 20.0 |
| Performance Condition: Air 15°C / 59°F F, Water 26°C / 80°F F, Humidity 70% | | | | | |
| Heating capacity (kW) in Turbo mode | 9.2 | 12.5 | 14.8 | 18.2 | 22.3 |
| Heating capacity (kW) in Smart mode | 7.5 | 10.4 | 12.5 | 15.0 | 18.5 |
| COP | 8.1~5.4 | 8.2~5.1 | 9.0~5.4 | 9.5~5.5 | 8.3~5.4 |
| COP at 50% capacity | 7.3 | 7.3 | 7.6 | 8.0 | 7.6 |
| COP at 20% capacity | 8.1 | 8.2 | 9.0 | 9.5 | 8.3 |
| Performance Condition: Air 7°C / 45 °F F, Water 26°C / 80°F F, Humidity 90% | | | | | |
| Heating capacity (kW) in Turbo mode | 7.4 | 10.5 | 11.8 | 15.5 | 17.8 |
| COP | 7.1~4.6 | 7.0~4.4 | 7.4~4.5 | 7.3~4.7 | 7.3~4.7 |
| Sound pressure at 1m dB(A) | 37.8~45.9 | 41.5~47.3 | 41.9~49.5 | 39.7~49.8 | 42.1~50.3 |
| Sound pressure of 50% capacity at 1m dB(A) | 40.3 | 42.5 | 43.3 | 43.1 | 45.2 |
| Sound pressure at 10m dB(A) | 17.8~25.9 | 21.5~27.3 | 21.9~29.5 | 19.7~29.8 | 22.1~30.3 |
| Power supply | 230V / 1 Ph / 50Hz | | | | |
| Rated input power (kW) at air 15°C / 59°F | 0.19~1.7 | 0.25~2.45 | 0.27~2.74 | 0.32~3.31 | 0.46~4.1 |
| Rated input current (A) at air 15°C / 59°F | 0.83~7.39 | 1.09~10.65 | 1.17~11.9 | 1.39~14.4 | 2.01~17.8 |
| Advised water flux (m ³ /h) | 3~4 | 4~6 | 6.5~8.5 | 8~10 | 10~12 |
| Water pipe in-out Spec (mm) | 48.3 | | | | |
| Net Dimension L x W x H (mm) | 945x432x660 | 1045x432x660 | 1195x432x760 | 1072x536x956 | 1264x536x956 |
| Net Weight (kg) | 65 | 73 | 82 | 100 | 122 |

What Circuit Breaker is Required?

| Model | | X20-14 | X20-18 | X20-22 | X20-26 | X20-32 |
|-----------------------|------------------------------------|--------|--------|--------|--------|--------|
| Breaker | Rated Current (A) | 15.0 | 20.0 | 22.5 | 24.5 | 28.5 |
| | Rated Residual Action Current (mA) | 30 | 30 | 30 | 30 | 30 |
| Max input current (A) | | 12.5 | 16.5 | 18.5 | 20.5 | 24.0 |
| Fuse (A) | | 15.0 | 20.0 | 22.5 | 24.5 | 28.5 |
| Power Cord (mm2) | | 3x2.5 | 3x2.5 | 3x4 | 3x4 | 3x6 |
| Signal Cable (mm2) | | 3x0.5 | 3x0.5 | 3x0.5 | 3x0.5 | 3x0.5 |



3D Heat Exchanging Tech

Fairland has developed a new generation of 3D heat-exchanging technology that redefines titanium heat exchangers, increasing the exchanging area by 30% and improving efficiency by 30%.

3 Modes to Efficiently Control Consumption:

Turbo Mode: 120% power to reach set temperature

Smart Mode: 20-100% power based on how your water temperature

Silent Mode: 20-60% power helps you save energy while maintaining a quiet, peaceful pool environment.

