

**【R290】AquaXP16——TurboSilence Inverter Tech, Max COP16**

| Model                                                     | AX16-25CP                   | AX16-35CP   | AX16-50CP   | AX16-65CP   | AX16-80CP   |
|-----------------------------------------------------------|-----------------------------|-------------|-------------|-------------|-------------|
| 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         |
| Performance Condition: Air 35°C,Water 28°C, Humidity 80%  |                             |             |             |             |             |
| Cooling capacity (kW) (Optional)                          | 2.5                         | 3.1         | 5.2         | 6.4         | 7.2         |
| 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      |