

Subtype X-Force 4 6 kW

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|---------------------|--|
| Certificate Holder | Inventor A.G. Electric Appliances S.A. |
| Address | 2 Thoukididou str. & 24th km National Road Athens - Lamia |
| ZIP | 14565 |
| City | Agios Stefanos |
| Country | GR |
| Certification Body | BRE Global Limited |
| Subtype title | X-Force 4 6 kW |
| Registration number | 041-K014-08 |
| Heat Pump Type | Outdoor Air/Water |
| Refrigerant | R32 |
| Mass of Refrigerant | 1.03 kg |
| Certification Date | 10.01.2023 |
| Testing basis | Heat Pump Keymark Scheme Rules Rev 11 |

Model XFM*06S*

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|-------------------------------------|-----------------------|
| Model name | XFM*06S* |
| Application | Heating (medium temp) |
| Units | Outdoor |
| Climate zone (for heating) | n/a |
| Reversibility | Yes |
| Cooling mode application (optional) | n/a |
| Any additional heat sources | n/a |

General data

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|------------------|-------------|
| Power supply | 1x230V 50Hz |
| Off-peak product | n/a |

Outdoor Air/Water

EN 14511-4 | Heating

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|--|--------|
| Shutting off the heat transfer medium flow | passed |
| Complete power supply failure | passed |
| Defrost test | passed |
| Starting and operating test | passed |

EN 12102-1 | Average Climate

| | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level outdoor | 58 dB(A) | 60 dB(A) |

EN 14825 | Average Climate

| | Low temperature | Medium temperature |
|-----------------|-----------------|--------------------|
| η_s | 176 % | 127 % |
| Prated | 5.81 kW | 5.68 kW |
| SCOP | 4.48 | 3.26 |
| Tbiv | -7 °C | -7 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 5.14 kW | 5.03 kW |
| COP Tj = -7°C | 3.05 | 2.11 |
| Cdh Tj = -7 °C | 0.990 | 0.990 |
| Pdh Tj = +2°C | 3.49 kW | 3.15 kW |
| COP Tj = +2°C | 4.27 | 3.26 |
| Cdh Tj = +2 °C | 0.990 | 0.990 |
| Pdh Tj = +7°C | 2.34 kW | 2.15 kW |
| COP Tj = +7°C | 5.60 | 3.87 |
| Cdh Tj = +7 °C | 0.990 | 0.990 |
| Pdh Tj = 12°C | 2.17 kW | 2.24 kW |
| COP Tj = 12°C | 7.98 | 5.56 |
| Cdh Tj = +12 °C | 0.990 | 0.990 |
| Pdh Tj = Tbiv | 5.14 kW | 5.03 kW |
| COP Tj = Tbiv | 3.05 | 2.11 |

| | | |
|---|-------------|-------------|
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 5.53 kW | 4.40 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.68 | 1.81 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.990 | 0.990 |
| WTOL | 66 °C | 66 °C |
| Poff | 7 W | 7 W |
| PTO | 18 W | 18 W |
| PSB | 7 W | 7 W |
| PCK | 14 W | 14 W |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 0.28 kW | 1.28 kW |
| Annual energy consumption Qhe | 2677 kWh | 3605 kWh |