

Subtype EDM9016S

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|---------------------|---|
| Certificate Holder | Foshan City Shunde Yuelly Energy-Saving Equipment Co., Ltd |
| Address | C Zone No. 3 Zhanye Rd Honggang Industry Daliang Shunde Foshan City |
| ZIP | |
| City | Guangdong |
| Country | CN |
| Certification Body | BRE Global Limited |
| Subtype title | EDM9016S |
| Registration number | 041-K079-04 |
| Heat Pump Type | Outdoor Air/Water |
| Refrigerant | R290 |
| Mass of Refrigerant | 1.5 kg |
| Certification Date | 05.12.2023 |
| Testing basis | Heat Pump Keymark Scheme Rules Rev 12 |
| Testing laboratory | SGS-CSTC Standards Technical Services Co., Ltd. Shunde Branch, CN |

Model EDM9016S

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|-------------------------------------|-----------------------|
| Model name | EDM9016S |
| 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 | 3x400V 50Hz |
| Off-peak product | n/a |

Outdoor Air/Water
EN 14511-4 | Heating

Shutting off the heat transfer medium flow passed

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|-------------------------------|--------|
| Complete power supply failure | passed |
| Defrost test | passed |
| Starting and operating test | passed |

EN 14511-2 | Heating

| | Low temperature | Medium temperature |
|-------------|-----------------|--------------------|
| Heat output | 16.00 kW | 16.00 kW |
| El input | 3.33 kW | 5.16 kW |
| COP | 4.80 | 3.10 |

EN 12102-1 | Average Climate

| | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level outdoor | 64 dB(A) | 64 dB(A) |

EN 14825 | Average Climate

| | Low temperature | Medium temperature |
|----------------|-----------------|--------------------|
| η_s | 192 % | 144 % |
| Prated | 14.63 kW | 14.60 kW |
| SCOP | 4.88 | 3.68 |
| Tbiv | -7 °C | -7 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 12.94 kW | 12.94 kW |
| COP Tj = -7°C | 3.18 | 2.39 |
| Cdh Tj = -7 °C | 0.900 | 0.900 |
| Pdh Tj = +2°C | 7.94 kW | 7.94 kW |
| COP Tj = +2°C | 4.54 | 3.40 |
| Cdh Tj = +2 °C | 0.900 | 0.900 |
| Pdh Tj = +7°C | 5.89 kW | 6.63 kW |

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|---|-------------|-------------|
| COP Tj = +7°C | 6.89 | 5.31 |
| Cdh Tj = +7 °C | 0.900 | 0.900 |
| Pdh Tj = 12°C | 6.69 kW | 6.28 kW |
| COP Tj = 12°C | 8.98 | 7.16 |
| Cdh Tj = +12 °C | 0.900 | 0.900 |
| Pdh Tj = Tbiv | 12.94 kW | 12.94 kW |
| COP Tj = Tbiv | 3.18 | 2.39 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 14.55 kW | 14.60 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.87 | 2.07 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.900 | 0.900 |
| WTOL | 75 °C | 75 °C |
| Poff | 14 W | 14 W |
| PTO | 14 W | 14 W |
| PSB | 14 W | 14 W |
| PCK | 43 W | 43 W |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 0.08 kW | 0.00 kW |
| Annual energy consumption Qhe | 6206 kWh | 8213 kWh |