

13. TECHNICAL INFORMATION

Model SRK20ZSX-W

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|---|----------|---|------|--|--------|-------|-----------------------|
| Information to identify the model(s) to which the information relates to: | | | | If function includes heating: Indicate the heating season the information relates to. Indicated values should relate to one heating season at a time. Include at least the heating season 'Average'. | | | |
| Indoor unit model name | | SRK20ZSX-W | | Average(mandatory) | | Yes | |
| Outdoor unit model name | | SRC20ZSX-W | | Warmer(if designated) | | Yes | |
| Function(indicate if present) | | | | Colder(if designated) | | | |
| cooling | | Yes | | | | | |
| heating | | Yes | | | | | |
| Item | symbol | value | unit | Item | symbol | value | class |
| Design load | | | | Seasonal efficiency and energy efficiency class | | | |
| cooling | Pdesignc | 2.00 | kW | cooling | SEER | 10.00 | A+++ |
| heating / Average | Pdesignh | 2.80 | kW | heating / Average | SCOP/A | 5.20 | A+++ |
| heating / Warmer | Pdesignh | 3.70 | kW | heating / Warmer | SCOP/W | 6.70 | A+++ |
| heating / Colder | Pdesignh | - | kW | heating / Colder | SCOP/C | - | - |
| | | | | unit | | | |
| Declared capacity at outdoor temperature Tdesignh | | | | Back up heating capacity at outdoor temperature Tdesignh | | | |
| heating / Average (-10°C) | Pdh | 2.80 | kW | heating / Average (-10°C) | elbu | 0 | kW |
| heating / Warmer (2°C) | Pdh | 3.70 | kW | heating / Warmer (2°C) | elbu | 0 | kW |
| heating / Colder (-22°C) | Pdh | - | kW | heating / Colder (-22°C) | elbu | - | kW |
| | | | | | | | |
| Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj | | | | Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature Tj | | | |
| Tj=35°C | Pdc | 2.00 | kW | Tj=35°C | EERd | 6.45 | - |
| Tj=30°C | Pdc | 1.47 | kW | Tj=30°C | EERd | 9.29 | - |
| Tj=25°C | Pdc | 1.25 | kW | Tj=25°C | EERd | 13.90 | - |
| Tj=20°C | Pdc | 1.36 | kW | Tj=20°C | EERd | 20.70 | - |
| | | | | | | | |
| Declared capacity for heating / Average season, at indoor temperature 20°C and outdoor temperature Tj | | | | Declared coefficient of performance / Average season, at indoor temperature 20°C and outdoor temperature Tj | | | |
| Tj=-7°C | Pdh | 2.40 | kW | Tj=-7°C | COPd | 3.20 | - |
| Tj=2°C | Pdh | 1.48 | kW | Tj=2°C | COPd | 5.30 | - |
| Tj=7°C | Pdh | 0.96 | kW | Tj=7°C | COPd | 6.50 | - |
| Tj=12°C | Pdh | 0.96 | kW | Tj=12°C | COPd | 8.28 | - |
| Tj=bivalent temperature | Pdh | 2.80 | kW | Tj=bivalent temperature | COPd | 2.79 | - |
| Tj=operating limit | Pdh | 2.80 | kW | Tj=operating limit | COPd | 2.79 | - |
| | | | | | | | |
| Declared capacity for heating / Warmer season, at indoor temperature 20°C and outdoor temperature Tj | | | | Declared coefficient of performance / Warmer season, at indoor temperature 20°C and outdoor temperature Tj | | | |
| Tj=2°C | Pdh | 3.70 | kW | Tj=2°C | COPd | 3.40 | - |
| Tj=7°C | Pdh | 2.40 | kW | Tj=7°C | COPd | 6.12 | - |
| Tj=12°C | Pdh | 1.10 | kW | Tj=12°C | COPd | 8.21 | - |
| Tj=bivalent temperature | Pdh | 3.70 | kW | Tj=bivalent temperature | COPd | 3.40 | - |
| Tj=operating limit | Pdh | 3.70 | kW | Tj=operating limit | COPd | 3.40 | - |
| | | | | | | | |
| Declared capacity for heating / Colder season, at indoor temperature 20°C and outdoor temperature Tj | | | | Declared coefficient of performance / Colder season, at indoor temperature 20°C and outdoor temperature Tj | | | |
| Tj=-7°C | Pdh | - | kW | Tj=-7°C | COPd | - | - |
| Tj=2°C | Pdh | - | kW | Tj=2°C | COPd | - | - |
| Tj=7°C | Pdh | - | kW | Tj=7°C | COPd | - | - |
| Tj=12°C | Pdh | - | kW | Tj=12°C | COPd | - | - |
| Tj=bivalent temperature | Pdh | - | kW | Tj=bivalent temperature | COPd | - | - |
| Tj=operating limit | Pdh | - | kW | Tj=operating limit | COPd | - | - |
| Tj=-15°C | Pdh | - | kW | Tj=-15°C | COPd | - | - |
| | | | | | | | |
| Bivalent temperature | | | | Operating limit temperature | | | |
| heating / Average | Tbiv | -10 | °C | heating / Average | Tol | -10 | °C |
| heating / Warmer | Tbiv | 2 | °C | heating / Warmer | Tol | 2 | °C |
| heating / Colder | Tbiv | - | °C | heating / Colder | Tol | - | °C |
| | | | | | | | |
| Cycling interval capacity | | | | Cycling interval efficiency | | | |
| for cooling | Pcycc | - | kW | for cooling | EERcyc | - | - |
| for heating | Pcych | - | kW | for heating | COPcyc | - | - |
| | | | | | | | |
| Degradation coefficient | | | | Degradation coefficient | | | |
| cooling | Cdc | 0.25 | - | heating | Cdh | 0.25 | - |
| | | | | | | | |
| Electric power input in power modes other than 'active mode' | | | | Annual electricity consumption | | | |
| off mode | Poff | 4 | W | cooling | Qce | 70 | kWh/a |
| standby mode | Psb | 4 | W | heating / Average | Qhe | 754 | kWh/a |
| thermostat-off mode | Pto | 11 | W | heating / Warmer | Qhe | 774 | kWh/a |
| crankcase heater mode | Pck | 0 | W | heating / colder | Qhe | - | kWh/a |
| | | | | | | | |
| Capacity control(indicate one of three options) | | | | Other items | | | |
| fixed | | No | | Sound power level(indoor) | Lwa | 53 | dB(A) |
| staged | | No | | Sound power level(outdoor) | Lwa | 56 | dB(A) |
| variable | | Yes | | Global warming potential | GWP | 675 | kgCO ₂ eq. |
| | | | | Rated air flow(indoor) | - | 678 | m ³ /h |
| | | | | Rated air flow(outdoor) | - | 1860 | m ³ /h |
| Contact details for obtaining more information | | Name and address of the manufacturer or of its authorised representative. MHIAE SERVICES B.V. Herikerbergweg 238, Luna ArenaA, 1101 CM Amsterdam, Netherlands | | | | | |

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