

| MODEL | | | | ASP-09BI | | | |
|---|------------------|-------------------|------|--|-----------------|----------|-----------------------|
| FUNCTION | | | | FUNCTION | | | |
| Cooling | | Y | | Average season | | Y | |
| Heating | | Y | | Warmer season | | Y | |
| | | | | Colder season | | N | |
| Design load | | | | Seasonal efficiency | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Cooling | Pdesignc | 2,7 | kW | Cooling | SEER | 7,2 | -- |
| Heating / Average | Pdesignh | 2,6 | kW | Heating / Average | SCOP/A | 4,0 | -- |
| Heating / Warmer | Pdesignh | 2,7 | kW | Heating / Warmer | SCOP/W | 3,3 | -- |
| Heating / Colder | Pdesignh | -- | kW | Heating / Colder | SCOP/C | -- | -- |
| 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 | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Tj = 35 °C | Pdc | 2,77 | kW | Tj = 35 °C | EERd | 3,77 | -- |
| Tj = 30 °C | Pdc | 1,95 | kW | Tj = 30 °C | EERd | 5,58 | -- |
| Tj = 25 °C | Pdc | 1,29 | kW | Tj = 25 °C | EERd | 9,44 | -- |
| Tj = 20 °C | Pdc | 0,77 | kW | Tj = 20 °C | EERd | 14,37 | -- |
| 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 | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Tj = - 7 °C | Pdh | 2,29 | kW | Tj = - 7 °C | COPd | 2,68 | -- |
| Tj = 2 °C | Pdh | 1,46 | kW | Tj = 2 °C | COPd | 3,98 | -- |
| Tj = 7 °C | Pdh | 0,92 | kW | Tj = 7 °C | COPd | 5,09 | -- |
| Tj = 12 °C | Pdh | 0,86 | kW | Tj = 12 °C | COPd | 6,99 | -- |
| Tj = operating limit | Pdh | 2,43 | kW | Tj = operating limit | COPd | 1,94 | -- |
| Tj = bivalent temperature | Pdh | 2,51 | kW | Tj = bivalent temperature | COPd | 3,14 | -- |
| 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 | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Tj = 2 °C | Pdh | 2,93 | kW | Tj = 2 °C | COPd | 2,53 | -- |
| Tj = 7 °C | Pdh | 1,80 | kW | Tj = 7 °C | COPd | 4,66 | -- |
| Tj = 12 °C | Pdh | 0,86 | kW | Tj = 12 °C | COPd | 6,99 | -- |
| Tj = operating limit | Pdh | 2,93 | kW | Tj = operating limit | COPd | 2,53 | -- |
| Tj = bivalent temperature | Pdh | 2,93 | kW | Tj = bivalent temperature | COPd | 2,53 | -- |
| 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 | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| 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 = operating limit | Pdh | -- | kW | Tj = operating limit | COPd | -- | -- |
| Tj = bivalent temperature | Pdh | -- | kW | Tj = bivalent temperature | COPd | -- | -- |
| Tj = - 15 °C | Pdh | -- | kW | Tj = - 15 °C | COPd | -- | -- |
| Bivalent temperature | | | | Operating limit temperature | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Heating / Average | Tbiv | -8 | °C | Heating / Average | ToI | -10 | °C |
| Heating / Warmer | Tbiv | 2 | °C | Heating / Warmer | ToI | 2 | °C |
| Heating / Colder | Tbiv | -- | °C | Heating / Colder | ToI | -- | °C |
| Cycling interval capacity | | | | Cycling interval efficiency | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| For cooling | Pcycc | x.x | kW | For cooling | EERcyc | x.x | -- |
| For heating | Pcych | x.x | kW | For heating | COPcyc | x.x | -- |
| Degradation co-efficient cooling | Cdc | 0,25 | -- | Degradation co-efficient heating | Cdh | 0,25 | -- |
| Electric power input in power modes other than 'active mode' | | | | Annual electricity consumption | | | |
| Off mode | P _{OFF} | 0,004274 | kW | Cooling | Q _{CE} | 131 | kWh/a |
| Standby mode | P _{SB} | 0,004274 | kW | Heating / Average | Q _{HE} | 910 | kWh/a |
| Thermostat-off mode | P _{TO} | 0,003993/0,012064 | kW | Heating / Warmer | Q _{HE} | 740 | kWh/a |
| Crankcase heater mode | P _{CK} | 0,000 | kW | Heating / Colder | Q _{HE} | 1718 | kWh/a |
| Capacity control | | | | Other items | | | |
| Fixed | | N | | Sound power level (indoor/outdoor) | L _{WA} | 50/60 | dB(A) |
| Staged | | N | | Global warming potential | GWP | 675 | kgCO ₂ eq. |
| Variable | | Y | | Rated air flow (indoor/outdoor) | -- | 500/1600 | m ³ / h |
| Name and address of the manufacturer or of its authorised representative. | | | | Manufacturer: SINCLAIR Corp. Ltd., 1-4 Argyll St., London, UK | | | |
| Contact details for obtaining more information | | | | Representative: SINCLAIR EUROPE spol. s.r.o., Purkyňova 45, 612 00 Brno, CZ | | | |
| | | | | info@sinclair-solutions.com / www.sinclair-solutions.com | | | |

* R32 (single component refrigerant HFC)

* Device contains fluorinated greenhouse gases covered by the Kyoto Protocol.