

TECHNICAL DATASHEET

DOMINO EXR C 430-P

| PRODUCT FICHE according to European Regulation n° 813/2013: Information requirements for heat pump space heaters and heat pump combination heaters | | | | | | | |
|--|--------------------|----------|-------|---|--------|--------|------|
| Model: | DOMINO EXR C 430-P | | | | | | |
| Air-to-water heat pump: | | | | | | | |
| Water-to-water heat pump: | | | | | | | |
| Brine-to-water heat pump: | | | | | | | |
| Low-temperature heat pump: | | | | | | | |
| Equipped with a supplementary heater: | | | | | | | |
| Heat pump combination heater: | | | | | | | |
| For low-temperature heat pumps, parameters shall be declared for low-temperature application. Otherwise, parameters shall be declared for medium-temperature application. Parameters shall be declared for average climate conditions. | | | | | | | |
| Item | Symbol | Value | Unit | Item | Symbol | Value | Unit |
| Rated heat output | Prated | 81.94 | kW | Seasonal space heating energy efficiency | ηs | 110.2 | % |
| T _j = -7°C | Pdh | 72.11 | kW | T _j = -7°C | COPd | 2.47 | - |
| T _j = +2°C | Pdh | 43.43 | kW | T _j = +2°C | COPd | 3.27 | - |
| T _j = +7°C | Pdh | 27.86 | kW | T _j = +7°C | COPd | 3.01 | - |
| T _j = +12°C | Pdh | 12.29 | kW | T _j = +12°C | COPd | 1.92 | - |
| T _j = bivalent temperature | Pdh | 72.11 | kW | T _j = bivalent temperature | COPd | 2.47 | - |
| T _j = operation limit temperature | Pdh | 31.14 | kW | T _j = operation limit temperature | COPd | 2.51 | - |
| For air-to-water heat pumps: T _j = -15 °C (if TOL < -20 °C) | Pdh | - | kW | For air-to-water heat pumps: T _j = -15 °C (if TOL < -20 °C) | COPd | - | - |
| Bivalent temperature | Tbiv | -7.00 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | -10.00 | °C |
| Degradation coefficient | Cdh | 0.90 | - | Heating water operating limit temperature | WTOL | 40.00 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | POFF | 0.05 | kW | Rated heat output | Psup | - | kW |
| Thermostat-off mode | PTO | 0.07 | kW | | | | |
| Standby mode | PSB | 0.05 | kW | Type of energy input | | - | |
| Crankcase heater mode | PCK | 0.12 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | fixed/variable | variable | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 47160 | m3/h |
| Sound power level, indoors | LWA | - | dB(A) | For water-/brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchange | - | - | m3/h |
| Sound power level, outdoors | LWA | 84.6 | dB(A) | | | | |