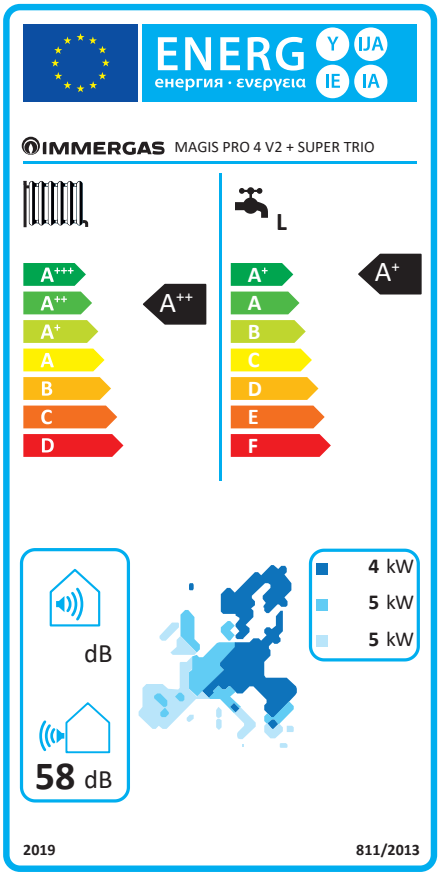
**Low temperature table (30/35) average zones**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Model: **Magis Pro 4 V2 + Omnistor 300** | | | | | | | |
| Air/water heat pump: yes | | | | | | | |
| Water/water heat pump: no | | | | | | | |
| Brine/water heat pump: no | | | | | | | |
| Low temperature heat pump: no | | | | | | | |
| With additional central heating device: no | | | | | | | |
| Mixed central heating device with heat pump: yes | | | | | | | |
| The parameters are declared for average climatic conditions | | | | | | | |
| **Element** | **Symbol** | **Value** | **Unit** | | **Element** | **Symbol** | **Value** | **Unit** |
| Nominal heat output | *Nominal output* | 5 | kW | | **Room central heating sea-sonal energy efficiency** | $\eta_S$ | 180 | % |
| Central heating capacity declared with a partial load and indoor temperature equivalent to 20°C and outdoor temperature Tj | | | | | Performance coefficient declared with indoor temperature equivalent to 20°C and outdoor temperature TJ | | | |
| $T_j$ = – 7 °C | *Pdh* | 4.4 | kW | | $T_j$ = – 7 °C | *COPd* | 3.02 | – |
| $T_j$ = + 2 °C | *Pdh* | 2.7 | kW | | $T_j$ = + 2 °C | *COPd* | 4.63 | – |
| $T_j$ = + 7 °C | *Pdh* | 1.7 | kW | | $T_j$ = + 7 °C | *COPd* | 6.48 | – |
| $T_j$ = + 12 °C | *Pdh* | 2.0 | kW | | $T_j$ = + 12 °C | *COPd* | 4.88 | – |
| $T_j$ = bivalent temperature | *Pdh* | 4.4 | kW | | $T_j$ = bivalent temperature | *COPd* | 3.02 | – |
| $T_j$ = temperature operating limit | *Pdh* | 4.5 | kW | | $T_j$ = temperature operating limit | *COPd* | 2.24 | – |
| for air/water heat pumps: $T_j$ = – 15 °C (if TOL < – 20 °C) | *Pdh* | - | kW | | for air/water heat pumps: $T_j$ = – 15 °C (if TOL < – 20 °C) | *COPd* | - | – |
| Bivalent temperature | $T_{biv}$ | -7 | °C | | for air/water heat pumps: temperature operating limit | *TOL* | -10 | °C |
| Central heating capacity cycle intervals | *Pcych* | - | kW | | Cycle intervals efficiency | *COPcyc or PERcyc* | - | – |
| Degradation coefficient | *Cdh* | 0.9 | — | | Water heating temperature operating limit | *WTOL* | - | °C |
| Different mode of energy consumption from the active mode | | | | | Additional heating appliance | | | |
| OFF mode | $P_{OFF}$ | 0.008 | kW | | Nominal heat output | *Psup* | - | kW |
| Thermostat mode off | $P_{TO}$ | 0.021 | kW | | Type of energy supply voltage | Electrical | | |
| Standby mode | $P_{SB}$ | 0.021 | kW | | | | | |
| Guard heating mode | $P_{CK}$ | 0.000 | kW | | | | | |
| Other items | | | | | | | | |
| Capacity control | Variable | | | | For air/water heat pumps: nominal air output to outside | — | 2400 | $m^3/h$ |
| Indoor/outdoor sound level | $L_{WA}$ | 58 | dB | | For water or brine/water heat pumps: nominal flow of brine or water, outdoor heat exchanger | — | - | $m^3/h$ |
| Annual energy consumption | $Q_{HE}$ | 2253 | kWh orGJ | | | | | |
| For mixed central heating appliances with a heat pump | | | | | | | | |
| **Stated load profile** | L | | | | **Water central heating energy efficiency** | $\eta_{wh}$ | 118 | % |
| Daily electrical power consumption | $Q_{elec}$ | 4.20 | kWh | | Daily fuel consumption | $Q_{fuel}$ | - | kWh |
| annual energy consumption | *AEC* | 869 | kWh | | Annual fuel consumption | *AFC* | - | GJ |
| Contact information | IMMERGAS S.p.A via Cisa Ligure n.95 - 42041 Brescello (RE) Italy | | | | | | | |

**Average temperature table (47/55) average zones**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Model: **Magis Pro 4 V2 + Super Trio** | | | | | | | |
| Air/water heat pump: yes | | | | | | | |
| Water/water heat pump: no | | | | | | | |
| Brine/water heat pump: no | | | | | | | |
| Low temperature heat pump: no | | | | | | | |
| With additional central heating device: no | | | | | | | |
| Mixed central heating device with heat pump: yes | | | | | | | |
| The parameters are declared for average temperature application, except for low temperature heat pumps. The parameters for low temperature heat pumps are declared for low temperature application | | | | | | | |
| The parameters are declared for average climatic conditions | | | | | | | |
| **Element** | **Symbol** | **Value** | **Unit** | | **Element** | **Symbol** | **Value** | **Unit** |
| Nominal heat output | *Nominal output* | 5.00 | kW | | **Room central heating seasonal energy efficiency** | $\eta_s$ | 127 | % |
| Central heating capacity declared with a partial load and indoor temperature equivalent to 20°C and outdoor temperature Tj | | | | | Performance coefficient declared with indoor temperature equivalent to 20°C and outdoor temperature TJ | | | |
| $T_j$ = – 7 °C | *Pdh* | 4.4 | kW | | $T_j$ = – 7 °C | *COPd* | 2.10 | – |
| $T_j$ = + 2 °C | *Pdh* | 2.7 | kW | | $T_j$ = + 2 °C | *COPd* | 3.10 | – |
| $T_j$ = + 7 °C | *Pdh* | 1.7 | kW | | $T_j$ = + 7 °C | *COPd* | 4.46 | – |
| $T_j$ = + 12 °C | *Pdh* | 1.9 | kW | | $T_j$ = + 12 °C | *COPd* | 5.72 | – |
| $T_j$ = bivalent temperature | *Pdh* | 4.4 | kW | | $T_j$ = bivalent temperature | *COPd* | 2.10 | – |
| $T_j$ = temperature operating limit | *Pdh* | 4.2 | kW | | $T_j$ = temperature operating limit | *COPd* | 1.51 | – |
| for air/water heat pumps: Tj = – 15 °C (if TOL < – 20 °C) | *Pdh* | - | kW | | for air/water heat pumps: Tj = – 15 °C (if TOL < – 20 °C) | *COPd* | - | – |
| Bivalent temperature | $T_{biv}$ | -7 | °C | | for air/water heat pumps: temperature operating limit | *TOL* | -10 | °C |
| Central heating capacity cycle intervals | *Pcych* | - | kW | | Cycle intervals efficiency | *COPcyc or PERcyc* | - | – |
| Degradation coefficient | *Cdh* | 0.9 | — | | Water heating temperature operating limit | *WTOL* | - | °C |
| Different mode of energy consumption from the active mode | | | | | Additional heating appliance | | | |
| OFF mode | $P_{OFF}$ | 0.022 | kW | | Nominal heat output | *Psup* | 2.00 | kW |
| Thermostat mode off | $P_{TO}$ | 0.022 | kW | | Type of energy supply voltage | integration | | |
| Standby mode | $P_{SB}$ | 0.022 | kW | | | | | |
| Guard heating mode | $P_{CK}$ | 0.000 | kW | | | | | |
| Other items | | | | | | | | |
| Capacity control | Variable | | | | For air/water heat pumps: nominal air output to outside | — | 2400 | $m^3/h$ |
| Indoor/outdoor sound level | $L_{WA}$ | 58 | dB | | For water or brine/water heat pumps: nominal flow of brine or water, outdoor heat exchanger | — | - | $m^3/h$ |
| Annual energy consumption | $Q_{HE}$ | 3178 | kWh or GJ | | | | | |
| For mixed central heating appliances with a heat pump | | | | | | | | |
| **Stated load profile** | L | | | | **Water central heating energy efficiency** | $\eta_{wh}$ | 118 | % |
| Daily electrical power consumption | $Q_{elec}$ | 4,2 | kWh | | Daily fuel consumption | $Q_{fuel}$ | - | kWh |
| annual energy consumption | *AEC* | 869 | kWh | | Annual fuel consumption | *AFC* | - | GJ |
| Contact information | Immergas s.p.a via Cisa Ligure n.95 | | | | | | | |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| Model: **Magis Pro 4 V2 + Omnistor 300** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| For mixed central heating appliances with a heat pump | | | | | | | | |
| **Stated Load Profile** | L | | | | **Water central heating energy efficiency** | $\eta_{wh}$ | 118 | % |
| Daily electrical power consumption | $Q_{elec}$ | 4.20 | kWh | | Daily fuel consumption | $Q_{fuel}$ | - | kWh |
| Annual energy consumption | *AEC* | 869 | kWh | | Annual fuel consumption | *AFC* | - | GJ |
| Standby Heat Loss | | 2.18 | kWh /day | | Reference hot water temperature | $\theta'_{WH}$ | 52.5 | °C |
| Volume of DHW accounted for in test | | 300 | L | | Water heating temperature operating limit | *WTOL* | 65 | °C |
| *Test data as per EN 16147:2017* | | | | | | | | |
| Contact information | IMMERGAS S.p.A via Cisa Ligure n.95 - 42041 Brescello (RE) Italy | | | | | | | |