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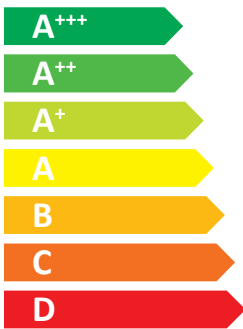


METROSAVER UB 6



55 °C

35 °C



A++

A+++



43 dB



dB



2019

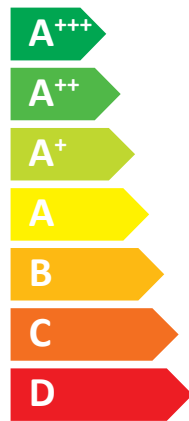
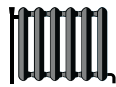
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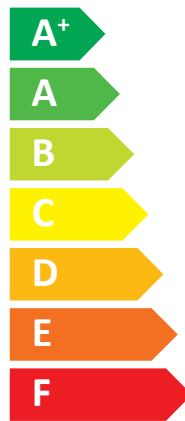
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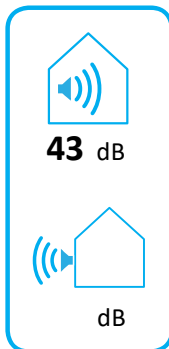
METROSAVER UB 6+METROSAVER300



A++



A



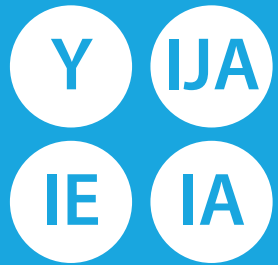
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METROSAVER UB 6 + METROSAVER 300

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| | | | |
|---|---|------------|-----|
| Supplier's name: | METRO THERM A/S | | |
| Model: | Metrosaver UB 6 + Metrosaver 300 | | |
| Temperature application | 35 | 55 | °C |
| Declared load profile for water heating | XXL | | |
| Seasonal space heating energy efficiency class, average climate: | A+++ | A++ | |
| Water heating energy efficiency class, average climate: | A | | |
| Rated heat output, average climate: | 7 | 6 | kW |
| Annual energy consumption for space heating, average climate | 3010 | 3425 | kWh |
| Annual electricity consumption for water heating, average climate | 2025 | | kWh |
| Seasonal space heating energy efficiency, average climate: | 184 | 137 | % |
| Water heating energy efficiency, average climate: | 106 | | % |
| Sound power level LWA indoors | 43 | | dB |
| Rated heat output, cold climate: | 7 | 6 | kW |
| Rated heat output, warm climate: | 7 | 6 | kW |
| Annual energy consumption for space heating, cold climate | 3487 | 3969 | kWh |
| Annual electricity consumption for water heating, cold climate | 2025 | | kWh |
| Annual energy consumption for space heating, warm climate | 1964 | 2233 | kWh |
| Annual electricity consumption for water heating, warm climate | 2025 | | kWh |
| Seasonal space heating energy efficiency, cold climate: | 190 | 141 | % |
| Water heating energy efficiency, cold climate: | 106 | | % |
| Seasonal space heating energy efficiency, warm climate: | 182 | 136 | % |
| Water heating energy efficiency, warm climate: | 106 | | % |
| Sound power level LWA outdoors | - | | dB |

Data for package fiche

| | | | |
|--|-------------|------------|---|
| Controller class | VII | | |
| Controller contribution to efficiency | 3,5 | | % |
| Seasonal space heating energy efficiency of package, average climate: | 188 | 140 | % |
| Seasonal space heating energy efficiency class for package, average climate: | A+++ | A++ | % |
| Seasonal space heating energy efficiency of package, cold climate: | 193 | 145 | % |
| Seasonal space heating energy efficiency of package, warm climate: | 186 | 139 | % |

| | | | | | | | | | | |
|--|------------------|--|------|---|---|--|--|------|-------------------|-------------------|
| Model(s): | | Metrosaver UB 6 + Metrosaver 300 | |  | | | | | | |
| Type of heat source/sink: | | Brine-to-water | | | | | | | | |
| Low-temperature heat pump: | | No | | | | | | | | |
| Equipped with supplementary heater: | | Yes | | | | | | | | |
| Heat pump combination heater: | | Yes | | | | | | | | |
| Climate condition: | | Average | | | | | | | | |
| Temperature application: | | Medium temperature (55 °C) | | | | | | | | |
| Applied standards: EN14825 and EN16147 | | | | | | | | | | |
| Rated heat output | | Prated | 6,0 | kW | Seasonal space heating energy efficiency | | η_s | 137 | % | |
| <i>Declared capacity for part load at outdoor temperature Tj</i> | | | | <i>Declared coefficient of performance for part load at outdoor temperature Tj</i> | | | | | | |
| Tj = -7 °C | Pdh | 4,8 | kW | Tj = -7 °C | COPd | 3,18 | - | | | |
| Tj = +2 °C | Pdh | 5,3 | kW | Tj = +2 °C | COPd | 3,69 | - | | | |
| Tj = +7 °C | Pdh | 5,6 | kW | Tj = +7 °C | COPd | 4,02 | - | | | |
| Tj = +12 °C | Pdh | 6,0 | kW | Tj = +12 °C | COPd | 4,29 | - | | | |
| Tj = biv | Pdh | 4,9 | kW | Tj = biv | COPd | 3,30 | - | | | |
| Tj = TOL | Pdh | 4,5 | kW | Tj = TOL | COPd | 2,96 | - | | | |
| Tj = -15 °C (if TOL < -20 °C) | Pdh | | kW | Tj = -15 °C (if TOL < -20 °C) | COPd | | - | | | |
| Bivalent temperature | | T _{biv} | -5,3 | °C | Operation limit temperature | | TOL | -10 | °C | |
| Cycling interval capacity for heating | | P _{cyh} | | kW | Cycling interval efficiency | | COP _{cyh} | | - | |
| Degradation co-efficient | | Cdh | 0,99 | - | temperature | | WTOL | 65 | °C | |
| <i>Power consumption in modes other than active mode</i> | | | | <i>Supplementary heater</i> | | | | | | |
| Off mode | P _{OFF} | 0,002 | kW | Rated heat output | | P _{sup} | 1,5 | kW | | |
| Thermostat-off mode | P _{TO} | 0,01 | kW | Type of energy input | | Electric | | | | |
| Standby mode | P _{SB} | 0,007 | kW | Other items | | | | | | |
| Crankcase heater mode | P _{CK} | 0,014 | kW | Capacity control | | fixed | | | | |
| Sound power level, indoors/outdoors | | | | L _{WA} | 43/- | dB | Rated air flow rate, outdoors | | | m ³ /h |
| Annual energy consumption | | | | Q _{HE} | 3425 | kWh | Rated water flow rate, indoor heat exchanger | | 0,49 | m ³ /h |
| | | | | | | Rated brine or water flow rate, outdoor heat exchanger | | 0,90 | m ³ /h | |
| <i>For heat pump combination heater:</i> | | | | | | | | | | |
| Declared load profile | | XXL | | Water heating energy efficiency | | η_{wh} | 106 | % | | |
| Daily electricity consumption | | Q _{elec} | 9,22 | kWh | Daily fuel consumption | | Q _{fuel} | | kWh | |
| Annual electricity consumption | | AEC | 2025 | kWh | Annual fuel consumption | | AFC | | GJ | |
| Approved by: | | | | | | | | | | |
| Contact details | | METRO THERM A/S Rundinsvej 55 DK-3200 Helsingør www.metrotherm.dk | | | | | | | | |