GROUND SOURCE iPUMP T
AIR SOURCE iPUMP A

HEAT PUMPS FROM AUSTRIA
www.idm-energie.at
AIR SOURCE iPUMP A 3-11
GROUND SOURCE iPUMP T 3-13
Inverter-Controlled compact heat pump with integrated drinking water storage.

- Extremely quiet operation
- Frostproof connection to the outdoor unit
- COP 5.01 iPump T 3-13 (brine), COP 4.37 iPump A 3-11 (air)
- Navigator 2.0 control system with capacitive 7" colour touch display
- Very small installation space required - only 0.45 m²
- Heating, cooling & hot water
- Photovoltaic control

THE iNTELLIGENT HEAT PUMP

navigator
iDM energy manager Navigator 2.0
Navigator 2.0 Pro individual room controller

optimisation
smart analyser

+service
remote control
remote maintenance via smart Navigator
online software updates

+home
app
remote access via tablet or smartphone

net
internet connection
www.myiDM.at

 photovoltaic
intelligent PV-power-usage & integration of weather forecasts

energy
use of hourly energy rates

+energy
AIR SOURCE-, OR GROUND SOURCE HEAT PUMP -
THE iPUMP GIVES YOU THE CHOICE

Regardless of whether you opt for an air source or ground source heat pump - the iDM iPump is the perfect solution for you! Besides heating & cooling the iPump offers maximum comfort - within seconds the integrated storage tank provides sufficient hot water - on request up to 75 °C. As a result, the formation of microorganisms such as legionella and other bacteria is prevented.

DETACHED HOUSE OR MULTIPLE DWELLING - THE iPUMP HEATS, COOLS AND PROVIDES HOT WATER

The iPump is not only the perfect solution for detached houses - it is also the perfect choice for multi-family dwellings: All iPump heat pumps get their energy from one heat source. This reduces investment costs & installation space and provides heating, cooling and hot water for each residential unit. Other advantages: easy insertion due to divisibility, no losses through a circulation line, due to the individual water heating the complicated counting and invoicing process can be avoided.
## TECHNICAL DATA

### iPump ground source/air source

<table>
<thead>
<tr>
<th>Technical data in compliance with EN14511</th>
<th>UNIT</th>
<th>iPump A 3-11 (air source heat pump)</th>
<th>iPump T 3-13 (ground source heat pump)</th>
<th>iPump T 3-13 P (ground source heat pump)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Energy efficiency class package label (heat pump + temperature control)</td>
<td>A**</td>
<td>A**</td>
<td>A**</td>
<td></td>
</tr>
<tr>
<td>Inverter technology (modulation)</td>
<td>-</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Output range</td>
<td>kW</td>
<td>3 - 11</td>
<td>3 - 13</td>
<td>3 - 13</td>
</tr>
<tr>
<td>Heat output at A2/W35 (air) or B0/W35 (brine) at maximum speed</td>
<td>kW</td>
<td>10.20</td>
<td>13.28</td>
<td>13.28</td>
</tr>
<tr>
<td>Heat output at A2/W35 (air) or B0/W35 (brine) at nominal speed</td>
<td>kW</td>
<td>5.92</td>
<td>6.60</td>
<td>6.60</td>
</tr>
<tr>
<td>Cooling capacity A35/W18 (air) or B30/W18 (brine) at nominal speed</td>
<td>kW</td>
<td>7.8</td>
<td>9.7</td>
<td>9.7</td>
</tr>
<tr>
<td>EER A35/W18 (air) or B30/W18 (brine) at nominal speed</td>
<td></td>
<td>4.32</td>
<td>6.34</td>
<td></td>
</tr>
<tr>
<td>Refrigerant</td>
<td>R410A</td>
<td>R410A</td>
<td>R410A</td>
<td></td>
</tr>
<tr>
<td>Max. flow temperature</td>
<td>°C</td>
<td>62</td>
<td>62</td>
<td>62</td>
</tr>
<tr>
<td>COP at A2/W35 or B0/W35 at nominal speed</td>
<td></td>
<td>4.37</td>
<td>5.01</td>
<td>5.01</td>
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<tr>
<td>Main current power supply</td>
<td>V</td>
<td>400/230</td>
<td>400/230</td>
<td>400/230</td>
</tr>
<tr>
<td>Control circuit power supply</td>
<td>V</td>
<td>230</td>
<td>230</td>
<td>230</td>
</tr>
<tr>
<td>Dimensions indoor unit HxWxD</td>
<td>mm</td>
<td>1950 x 600 x 786</td>
<td>1950 x 600 x 786</td>
<td>1950 x 600 x 786</td>
</tr>
<tr>
<td>Dimensions external unit HxWxD (integrated socket)</td>
<td>mm</td>
<td>1180 x 1110 x 745</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Weight</td>
<td>kg</td>
<td>indoor unit 270 / outdoor unit 113</td>
<td>295</td>
<td>-</td>
</tr>
<tr>
<td>Internal unit sound power level</td>
<td>dB(A)</td>
<td>45</td>
<td>41</td>
<td>41</td>
</tr>
<tr>
<td>External unit sound pressure level (distance 10 m/5m)</td>
<td>dB(A)</td>
<td>21.8/27.8</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

### Hot water
- Capacity storage tank | l | 200 | 200 | 200 |
- Max. temperature storage tank | °C | 55 | 55 | 55 |
- Max. temperature storage tank with electrical heating unit | °C | 75 | 75 | 75 |
- Singulary output capacity at 40°C tapping temperature - heat pump | l | 315 | 315 | 315 |
- Singulary output capacity at 40°C tapping temperature - electrical heating unit | l | 432 | 432 | 432 |

1) The heat pump contains the F-Gas R410A and is subject to the provisions of F-Gas regulation EU/517/2014.
2) In compliance with EN 12102 - free standing installation.

### ALSO PERFECT FOR RESTRUCTURING
- Easy insertion due to divisibility
- Infinitely variable power adjustment to the restructuring progress
- Easy connection of existing plan components - heating circuit connection, cold and hot water connections are directed upwards
- All in one – solution for heating and hot water generation

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Changes & errors excepted.