NEW **ALTHERMA 3 - H W SERIES**

**IDEAL FOR LOW ENERGY HOMES**
**HEAT PUMP TECHNOLOGY USES WATER TO EFFICIENTLY HEAT AND COOL YOUR HOME**
**COMPATIBLE WITH HOT WATER HEATING AND EXISTING CONVECTION HEATING SYSTEMS**

**NEW ALTHERMA 3 H W**
**DESIGNED FOR THE FUTURE**
EABH-D6V + EPGA-DV3 Series

Ideal for those looking for energy efficient air-to-water heat pump hydronic home heating solutions for larger homes

By using renewable energy from the outside air to heat water, the Altherma 3H hot water heat pump offers greener, more energy efficient home heating with the option to heat your hot water supply too. Featuring a range of larger capacities to suit most homes, it’s the ideal solution for those looking to heat their homes by harnessing the power of water.

**HIGH PERFORMANCE**
Delivering temperatures up to 60 °C at high efficiency, the R-32 Daikin Altherma 3 H is suitable for both underfloor heating, radiators and convectors. Retaining its pedigree trademark in frost protection down to -28 °C, ensuring reliable operation even in the coldest climates. The optimal combination technology offers the highest performance:
- Heating efficiency up to a COP of 5.15 (at 7 °C/35 °C)

Available in 11 kW.

**FLEXIBILITY TO PROVIDE DOMESTIC HOT WATER**
If the end user requires hot water and installation height is limited, a separate tank can provide the required installation flexibility.

**EASY TO CONTROL**
The combined effect of the Daikin Altherma weather dependent set-point controls and its inverter compressors maximises the efficiency of the new R-32 Daikin Altherma 3 H at each outdoor temperature, assuring consistent room temperatures at all times.

**EASY TO INSTALL**
Delivered ready to work: all key hydraulic elements are already factory mounted. The new design enables that all servicing can be done from the front and all piping can be accessed at the top of the unit. Stylish modern indoor unit outlook. The outdoor unit is tested and charged with refrigerant, installation time is reduced.

Note: Cooling operation is available and requires an optional kit.
**Reduction of the risk of refrigerant leakage.**

**Between the indoor and the outdoor units.**

A Pioneer in the use of R-32 in air-to-water heat pumps, Daikin places the reduction of its environmental impact as an absolute priority.

**Gas injection advantage**

**Higher capacity at low ambient**

The Daikin Daikin Altherma 3 H 11-14-16 kW outdoor unit is equipped with a new gas injection scroll compressor allowing the unit to operate down to -28 °C outside temperature.

Moreover, the heating capacity at low ambient temperature (-7/35 °C) sees an improvement of 35% compared to its predecessor.

**Convenient for sensitive urban areas**

**Low sound installer setting**

In order to fulfill the requirements of the most sound sensitive urban areas, the installer can set up the unit in low sound mode that reduce the sound level by -3 dB(A).

**Daikin Altherma 3 H 11-14-16 kW outdoor unit**

The outdoor unit EPGA-D is available in size 11-14-16 kW 1 phase and is connectable to:

- EAB(H)-D wall mounted indoor units

---

**Sealed R32 refrigerant circuit**

Reduction of the risk of refrigerant leakage.

**Water connections**

Between the indoor and the outdoor units.

**No refrigerant inside the house**

With R-32, the future is now.

**Top energy performances**

Thanks to the use of R-32, the unit reaches the highest energy performances.

**Leaving water temperature**

With a leaving water temperature of 60 °C at -10 °C outside, the Daikin Altherma 3 H 11-14-16 kW is perfect.

For new build applications using underfloor heating

For renovation applications using radiators and convectors.

**THE HYDROSPLIT CONCEPT**

**LOOKING AHEAD TO A BETTER FUTURE**

**Gas injection advantage**

**Higher capacity at low ambient**

The Daikin Daikin Altherma 3 H 11-14-16 kW outdoor unit is equipped with a new gas injection scroll compressor allowing the unit to operate down to -28 °C outside temperature.

Moreover, the heating capacity at low ambient temperature (-7/35 °C) sees an improvement of 35% compared to its predecessor.

**Convenient for sensitive urban areas**

**Low sound installer setting**

In order to fulfill the requirements of the most sound sensitive urban areas, the installer can set up the unit in low sound mode that reduce the sound level by -3 dB(A).

**Daikin Altherma 3 H 11-14-16 kW outdoor unit**

The outdoor unit EPGA-D is available in size 11-14-16 kW 1 phase and is connectable to:

- EAB(H)-D wall mounted indoor units
Log in and you'll be able to completely configure the unit via the new user interface in 9 steps. You can even check if the unit is ready for use by running test cycles. You can upload the settings on an USB stick and download it directly into the unit, or via the cloud.

**Easy operation**
Work super-fast with the new user interface. It's easy to use with just a few buttons and 2 navigational knobs.

**Beautiful design**
The user interface was especially designed to be very intuitive. The high contrasted colour screen delivers stunning and practical visuals that really help you as an installer or service engineer.

---

**ADVANCED USER INTERFACE**

**The Daikin Eye**
The intuitive Daikin eye shows you in real time the status of your system.

- **Blue**
  When the Daikin Eye indicates a blue colour, it means the boiler is functioning properly. The Daikin Eye will flash on and off when it's running on stand by mode.

- **Red**
  When the Daikin Eye indicates a red colour, it means the boiler is out of commission and requires a maintenance check.

---

**MULTIPLE TANK SOLUTIONS, INFINITE POSSIBILITIES**

Connect your Daikin Altherma 3 wall mounted unit with a stainless steel tank to achieve efficient domestic hot water heating production.*

**FLEXIBILITY IN PROVIDING DOMESTIC HOT WATER**

**HEATING ONLY MODELS - EABH-D**
The heating only Daikin Altherma 3 H models provide domestic hot water and space heating in an efficient way.

**COOLING IS ALSO AVAILABLE WITH THE ADDITION OF AN OPTIONAL KIT**
Additionally to its core heating function, Daikin Altherma 3 H can provide cooling during warmer times. This cooling function is working via emitters such as an underfloor system or a fancoil convector (HPC).

---

**Fancoil Convctor (HPC)**
**Under floor system**

*System allows connection with 3rd party hot water tanks with sensor pocket or with built-in thermostat.
### SPECIFICATIONS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>EABH (Indoor Unit) + EPGA (Outdoor Unit)</th>
<th>16DA6V + 11DAV3</th>
<th>16DA6V + 14DAV3</th>
<th>16DA6V + 16AV3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heating Capacity</td>
<td>Nom. kW</td>
<td>11.1 (1)</td>
<td>14.5 (1)</td>
<td>16.5 (1)</td>
</tr>
<tr>
<td>Power Input</td>
<td>Heating kW</td>
<td>2.16 (1)</td>
<td>2.91 (1)</td>
<td>3.45 (1)</td>
</tr>
<tr>
<td>Efficiency</td>
<td>COP</td>
<td>5.15 (1)</td>
<td>4.99 (1)</td>
<td>4.78 (1)</td>
</tr>
<tr>
<td>Indoor Unit EABH16DA6V</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Casing</td>
<td>Colour</td>
<td>White + Black</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Material</td>
<td>Resin sheet metal</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dimensions</td>
<td>Unit (Height x Width x Depth) mm</td>
<td>840 x 440 x 390</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td>Unit kg</td>
<td>38</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operation range</td>
<td>Heating Water side (Min. – Max.) °C</td>
<td>15–60</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Domestic hot water Water side (Min. – Max.) °C</td>
<td>25–75</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sound power level</td>
<td>Nom. dB(A)</td>
<td>44</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sound pressure level</td>
<td>Nom. dB(A)</td>
<td>30</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outdoor Unit EPGA</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Dimensions</td>
<td>Unit (Height x Width x Depth) mm</td>
<td>1,440 x 1,160 x 380</td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td>Unit kg</td>
<td>143</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Compressor</td>
<td>Quantity</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Type</td>
<td>Hermetically sealed scroll compressor</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operation range</td>
<td>Cooling Min. – Max. °CDB</td>
<td>10–43</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Domestic hot water Min. – Max. °CDB</td>
<td>-28–35</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Refrigerant</td>
<td>Type</td>
<td>R-32</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>GWP</td>
<td>675.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Charge</td>
<td>3.50</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Control</td>
<td></td>
<td>Expansion valve</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sound power level</td>
<td>Heating Nom. dB(A)</td>
<td>64</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Cooling Nom. dB(A)</td>
<td>68</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sound pressure level</td>
<td>Heating Nom. dB(A)</td>
<td>48</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Cooling Nom. dB(A)</td>
<td>55</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Power supply</td>
<td>Phase / Frequency / Voltage Hz / V</td>
<td>50 / 230</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Current</td>
<td>Recommended fuses A</td>
<td>32</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Maximum leaving water temperature
** Minimum ambient temperature of operation

---

Your Local Daikin Specialist Dealer:

daikin.co.nz