The Navien H2Air Kit consists of an add-on controller that allows for space heating and DHW system integration between NPE "A" tankless water heater models and a hydronic air handler.

* compatible with NPE models with May 31, 2014 production dates or later

**Compatible** with hydronic air handler models that require W1/W2/R terminals along with single or dual-stage thermostats

* compatible with self-powered thermostats only

**Simple Installation** - use included 13-pin connector cable to attach directly to unit

**Recommended** for both retrofit and new construction residential applications

**Certified to CSA P.9-11 standards** with select Air Handler models*

* Select combination systems are NRCam-listed - see CSA P.9-11 Rating Chart below

**Included Outdoor Reset Sensor** provides optimum performance and efficiency for space heating

**Additional** features include DHW Priority or Simultaneous DHW and Heating, Adjustable Outdoor Reset and Heating Set Points, Pump Purge and Cycle Time settings

**Dimensions:** 3.5” (8.9 cm) x 2.2” (5.6 cm) x 0.5” (1.3 cm)

**Weight:** 1.0 lbs (0.5 kg)

**Navien Part Number(s):** PNBD-00001

### CSA P.9-11 Rating Chart

<table>
<thead>
<tr>
<th>Heat Generator</th>
<th>Fan Coil</th>
<th>CSHE</th>
<th>WHPF</th>
<th>Recovery Efficiency</th>
<th>TPF</th>
</tr>
</thead>
<tbody>
<tr>
<td>NPE-180A</td>
<td>SunTherm MMVE054NAAA</td>
<td>94 (%)</td>
<td>0.96</td>
<td>97 (%)</td>
<td>0.94</td>
</tr>
<tr>
<td>NPE-240A</td>
<td>SunTherm MMVE0M4NAAA</td>
<td>95 (%)</td>
<td>0.95</td>
<td>96%</td>
<td>0.95</td>
</tr>
<tr>
<td>NPE-240A</td>
<td>Ecologix EZ1</td>
<td>95 (%)</td>
<td>0.95</td>
<td>96%</td>
<td>0.95</td>
</tr>
</tbody>
</table>

### Installation Example

- **Thermostat**: Connect to AHU W1
- **H2Air PCB**: Connect to AHU W3
- **Flow Switch**: Flow Switch Input Terminal
- **Thermostat W1**: Connect to Thermostat W1
- **Thermostat W2**: Connect to Thermostat W2
- **Thermostat R**: Connect to Thermostat R
- **Outdoor Sensor**: Outdoor Sensor Input

### Layout of Wiring Connections

- **AHU W1**: Connect to AHU W1
- **AHU W3**: Connect to AHU W3
- **AHU R**: Connect to AHU R
- **Flow switch**: Flow Switch Input Terminal
- **Thermostat W1**: Connect to Thermostat W1
- **Thermostat W2**: Connect to Thermostat W2
- **Thermostat R**: Connect to Thermostat R
- **Outdoor Sensor**: Outdoor Sensor Input

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*Note: All connections are made using 13-pin connector cables.*