KD NAVIEN

- 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 **NRCan**-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**

- The **H2Air**™ Kit includes the following items:
  - Navien H2Air Add-on Controller
  - 13-pin Connector Cable for use with all **NPE "A"** models
  - Outdoor Reset Sensor
  - Flow Switch (for DHW)

- **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)
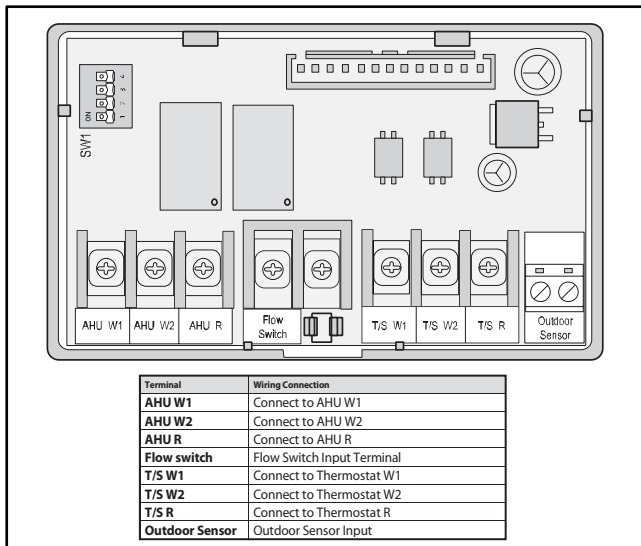
- **Navien Part Number(s):** PNBD-000001

NAVIEN H2Air™

NEW! Simple to Install Add-On Controller for Efficient Combination Space Heating and DHW

CSA P.9-11 Rating Chart

Combo System		CSHE	WHPF	Recovery Efficiency	TPF
Heat Generator	Fan Coil				
NPE-180A	SunTherm MMVE0S4NAAA	94 (%)	0.96	97 (%)	0.94
NPE-240A	SunTherm MMVE0M4NAAA	95 (%)	0.95	96 (%)	0.95
NPE-240A	Ecologix EZ1	95 (%)	0.95	96 (%)	0.95

Layout of Wiring Connections

Terminal	Wiring Connection
AHU W1	Connect to AHU W1
AHU W2	Connect to AHU W2
AHU R	Connect to AHU R
Flow switch	Flow Switch Input Terminal
T/S W1	Connect to Thermostat W1
T/S W2	Connect to Thermostat W2
T/S R	Connect to Thermostat R
Outdoor Sensor	Outdoor Sensor Input

Installation Example