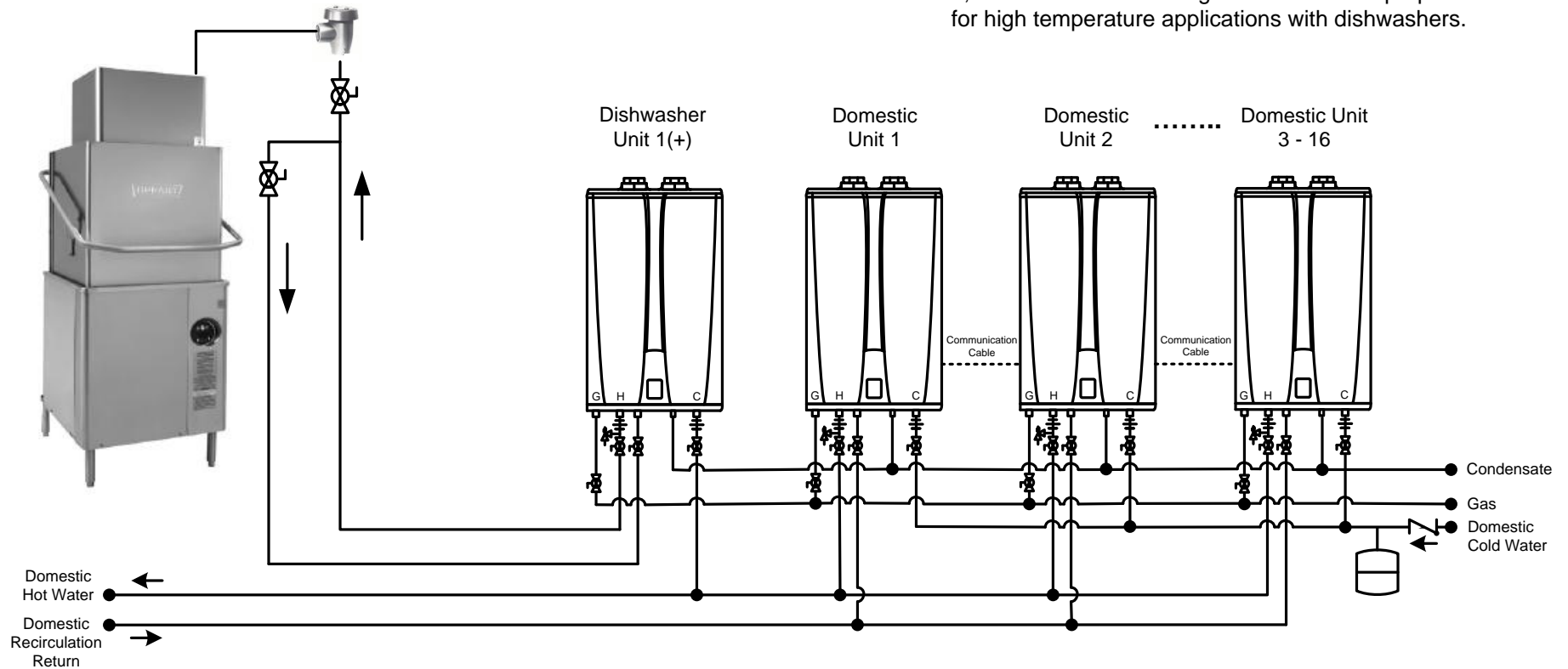


This drawing is intended only as a guide and not as a replacement for professionally engineered project drawings. This concept system drawing does not imply compliance with local building codes. Actual installation may vary depending on installation location & parameters and it must be done in accordance to all local building codes. Verify with local building officials before commencement of system installation.

1. Domestic restaurant tankless units typically set at 140°F.
2. High-temperature dishwasher tankless unit(s) typically set at 180°F+ for sanitation.
3. Select count of tankless units serving dishwasher to meet flow rate requirements @ 40-45°F rise.
4. Dishwasher tankless unit(s) may not be cascaded or common vented with domestic supply tankless units.
5. Follow tankless venting instructions with proper materials for high temperature applications with dishwashers.



Recommended Pipe Size/Heater Count

1 Unit - 3/4"

2 Units - 1"

3 Units - 1-1/4"

4 to 5 Units - 1-1/2"

6 to 8 Units - 2"

9 to 14 Units - 2-1/2"

15 to 16 Units - 3"

**KD Navien**

20 Goodyear  
Irvine, CA 92618  
800-519-8794

www.navienamerica.com

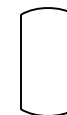
NPE-A Series Tankless Water Heater

Three Plus NPE-A Tankless Domestic External Recirculation Mode with NPE Tankless as High-Temperature Booster Heater for Dishwasher

Drawn By: B. Fenske

NPE-A-6P-E-DW-BF02

August 1, 2013



Storage Vessel



DHW Circulator w/Aquastat & Check Valve



Check Valve



Pressure Relief Valve



Mixing Valve



Full-port Ball Valve



Circulator



Expansion Tank



Aquastat