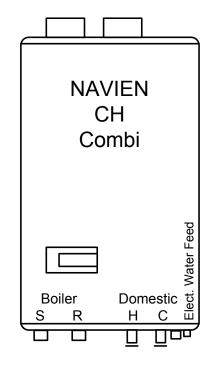
CH Series Application Drawings







CH-240ASME

CH-210ASME

CH-180ASME

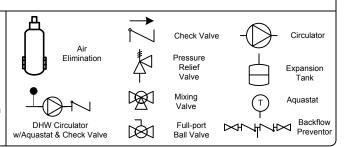
Mavien

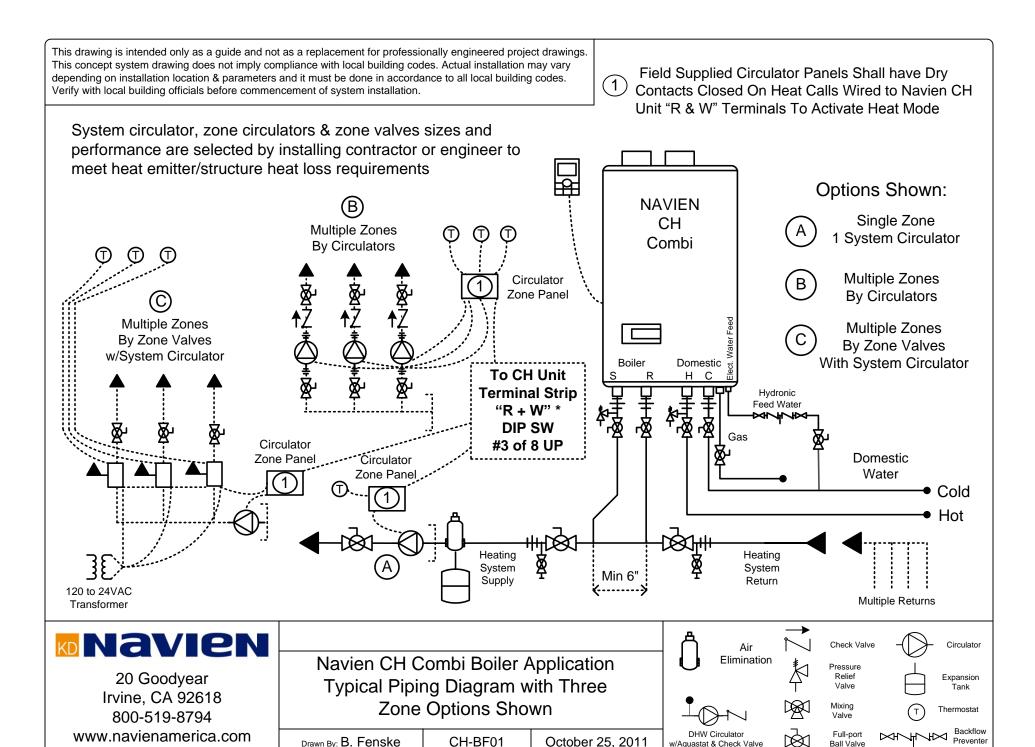
20 Goodyear Irvine, CA 92618 800-519-8794

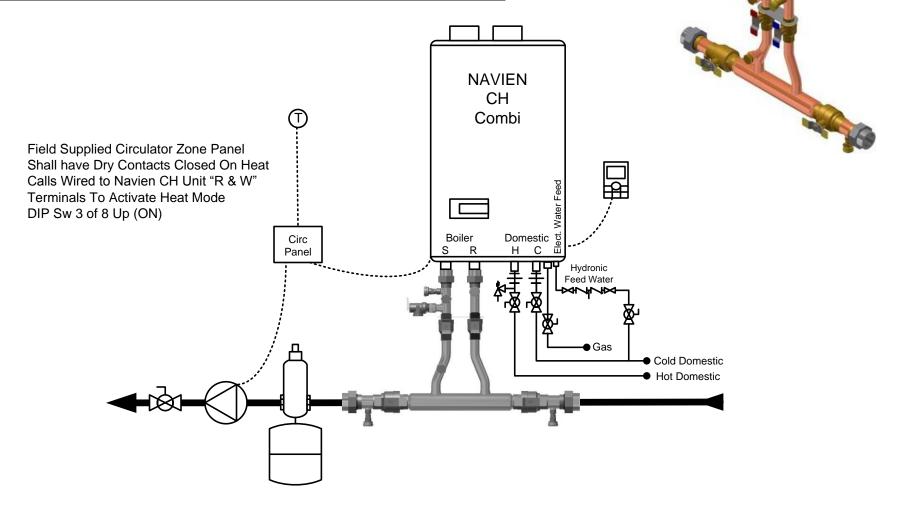
www.NavienAmerica.com

Guide Only

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









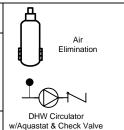
20 Goodyear Irvine, CA 92618 800-519-8794 www.navienamerica.com

Navien CH Combi Boiler With CH Quik-Install Manifold Kit Single System Circulator Shown

Drawn By: B. Fenske

CH-BF-CHQuik1

June 26, 2012







Valve

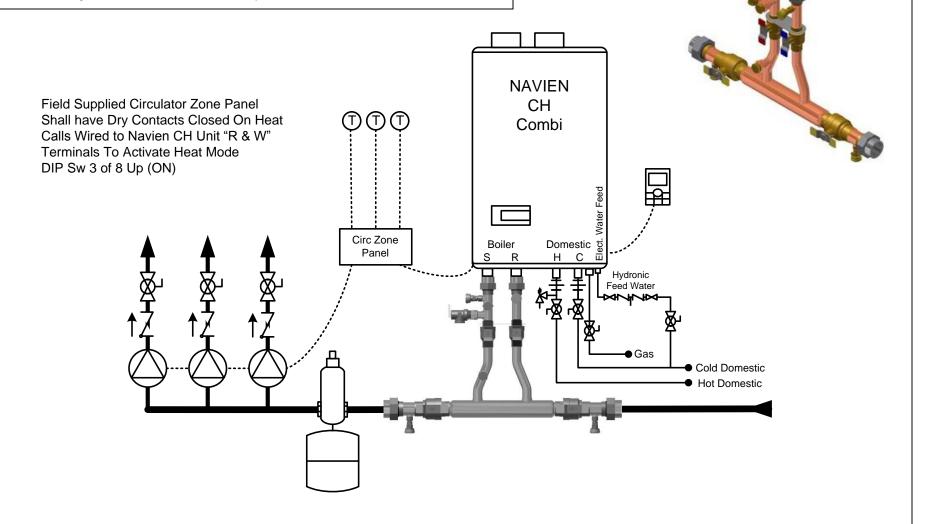
Full-port

Ball Valve











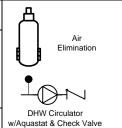
20 Goodyear Irvine, CA 92618 800-519-8794 www.navienamerica.com

Navien CH Combi Boiler With CH Quik-Install Manifold Kit Multiple System Circulators Shown

Drawn By: B. Fenske

CH-BF-CHQuik2

June 26. 2012



Check Valve

Pressure Relief Valve



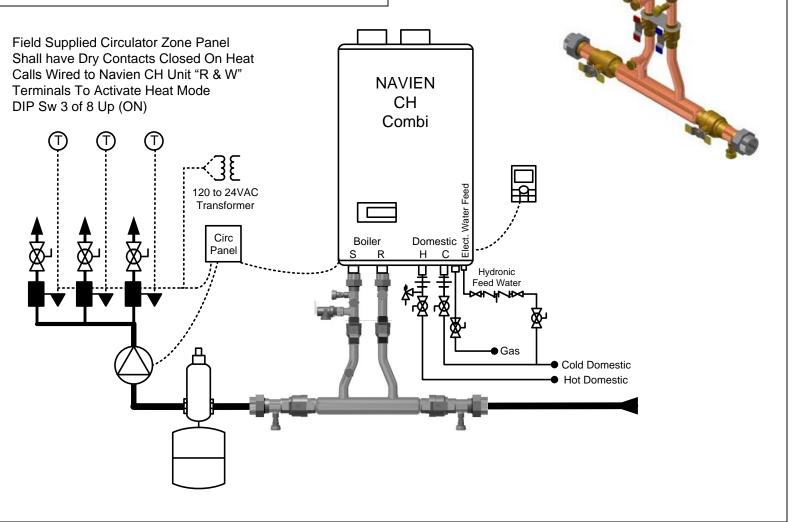


Mixing Valve



Circulator Expansion Tank







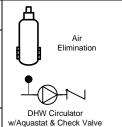
20 Goodyear Irvine, CA 92618 800-519-8794 www.navienamerica.com

Navien CH Combi Boiler With CH Quik-Install Manifold Kit Multiple Zone Valve System Shown

Drawn By: B. Fenske

CH-BF-CHQuik3

June 26, 2012











Ball Valve

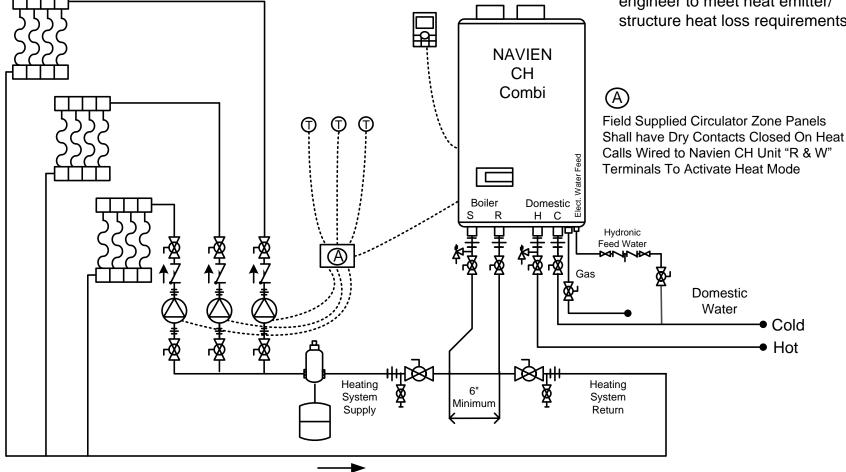




Circulator

Tank

System circulator, zone circulators & zone valves sizes and performance are selected by installing contractor or engineer to meet heat emitter/ structure heat loss requirements



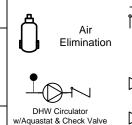
Navien

20 Goodyear Irvine, CA 92618 800-519-8794 www.navienamerica.com Navien CH Combi Boiler Application Typical Piping Diagram with Three Radiant Zones Shown

Drawn By: B. Fenske

CH-BF01-3RZ

December 3, 2011









Full-port

Ball Valve

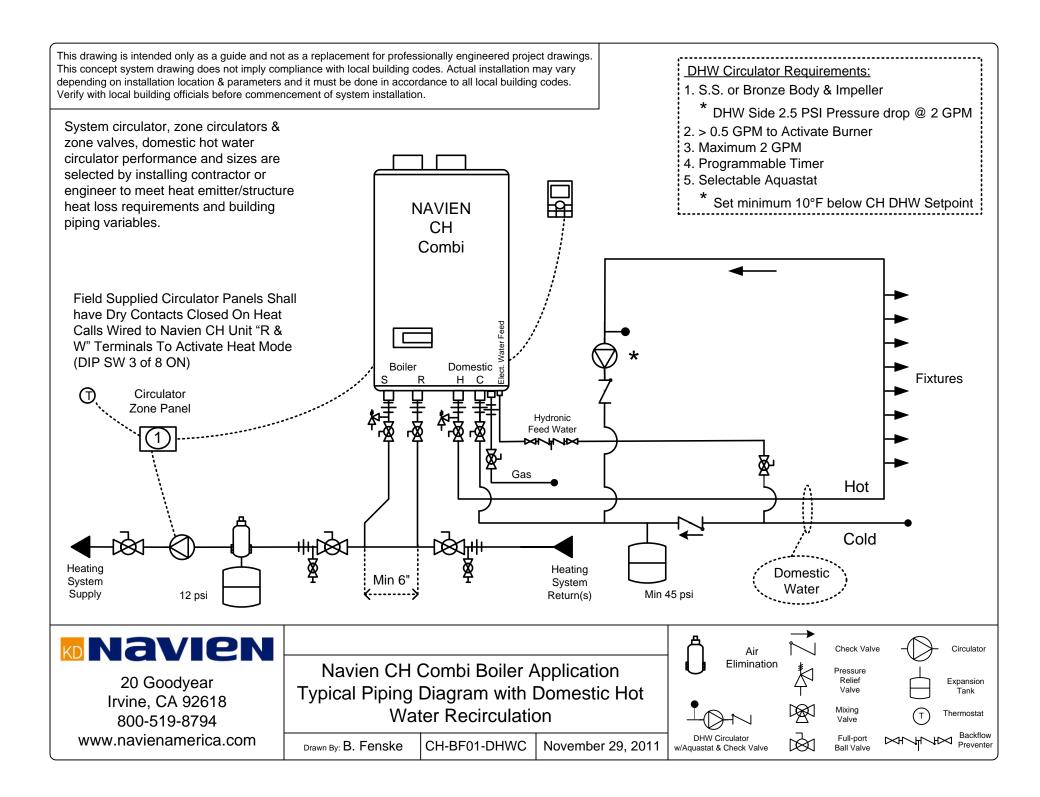


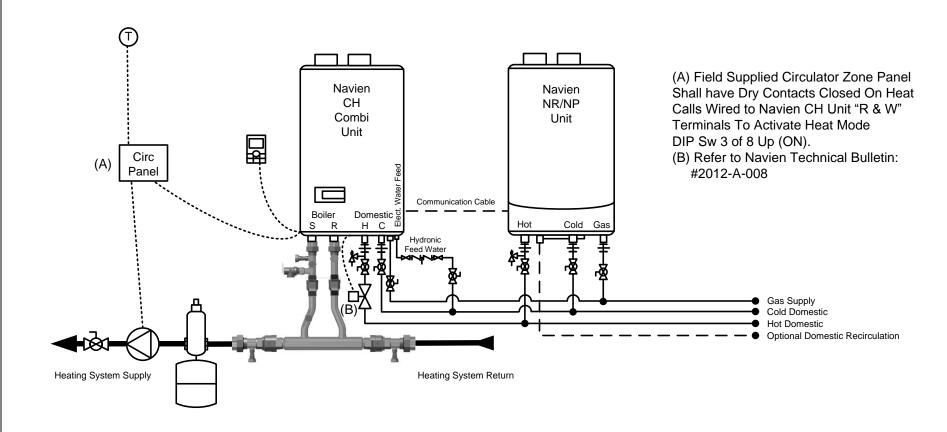


Circulator

Expansion

Tank



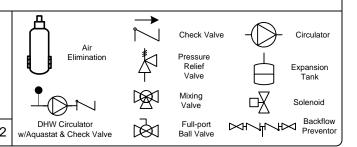


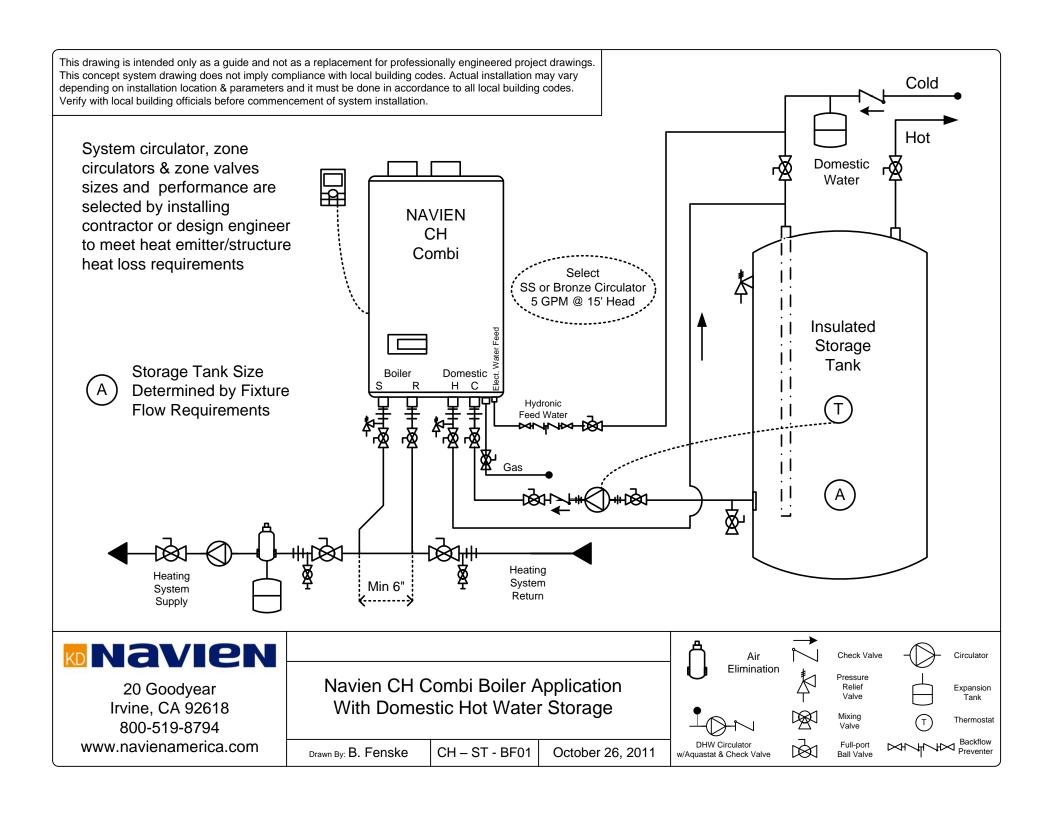


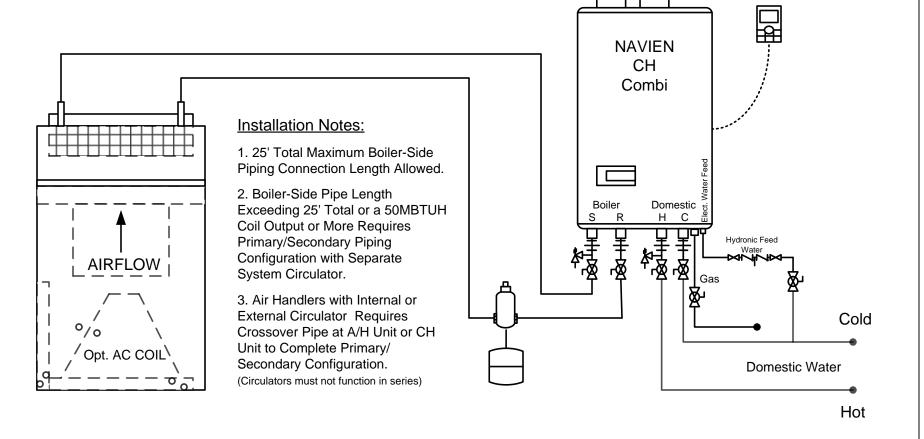
20 Goodyear Irvine, CA 92618 800-519-8794 www.navienamerica.com Navien CH Combi Boiler
With CH Quik-Install Manifold Kit
Single System Circulator Shown
With Cascaded NR/NP

Drawn By: B. Fenske CH-BF-CHQuik1-NR-NP

October 31, 2012







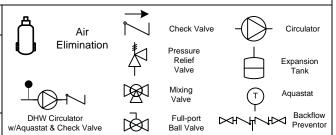
Navien

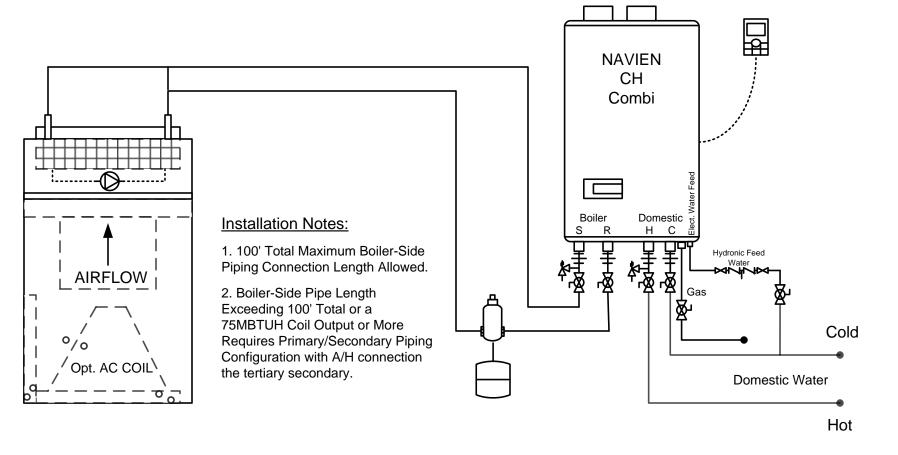
20 Goodyear Irvine, CA 92618 800-519-8794 www.navienamerica.com Navien CH Combi Boiler Application with Air Handler - Direct Connection

Drawn By: B. Fenske

CH-AH-BF01

October 14, 2011





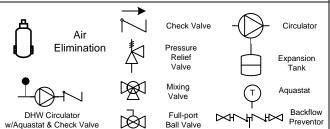
Navien

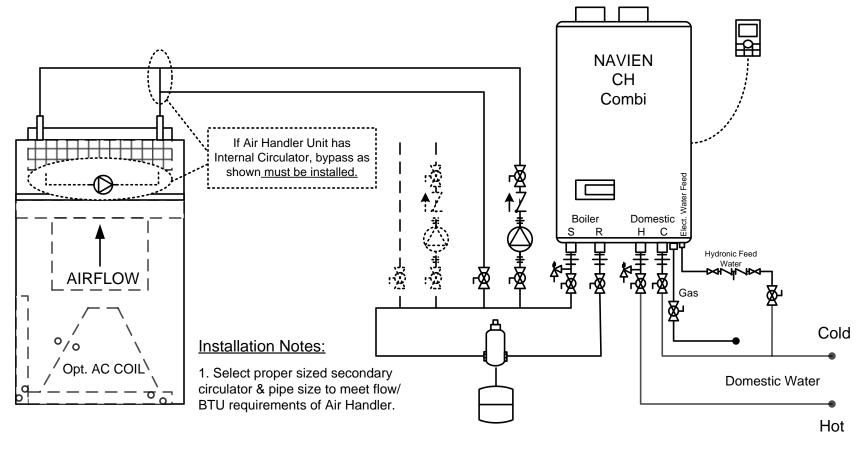
20 Goodyear Irvine, CA 92618 800-519-8794 www.navienamerica.com Navien CH Combi Boiler Application with Air Handler and A/H Internal Pump

Drawn By: B. Fenske

CH-AH-BF02

October 14, 2011





Navien

20 Goodyear Irvine, CA 92618 800-519-8794 www.navienamerica.com Navien CH Combi Boiler Application with Air Handler and A/H Internal Pump Primary/Secondary Configuration

Drawn By: B. Fenske

CH-AH-BF03

October 14, 2011

