• Primary and Secondary Manifolds* come pre-assembled in order to reduce labor time and cost for boiler installations while maximizing system efficiency without the need to fabricate a custom manifold.

* Primary (#GFFM-MSOZUS-001) and Secondary (#GFFM-SKTZUS-001) Manifolds sold separately.

• Ideal for hydronic and radiant space heating applications.

• Primary Manifold is designed specifically for use with Navien NHB Series wall-hung boilers (single unit/non-cascade applications only).

• Compatible with all NHB Series boiler models: NHB-055, NHB-080, NHB-110, NHB-150.

• The SUPPLY and RETURN connections on the Primary Manifold are installed directly onto the fittings located at the bottom of the NHB boiler.

• Available stub-out connections for DHW indirect water heater installations.

• Secondary Manifolds can be used with any heating system with compatible piping regardless of boiler model.

• The NHB Primary Manifold contains the following features:
  - 1” FNPT dielectric unions for the boiler SUPPLY and RETURN.
  - 1-1/2” sweat connections for heating SUPPLY and RETURN piping.
  - 1” flange connections for use with boiler pumps.
  - Produced with durable L-copper piping.
  - Shut-off valves provided for system isolation and ease of service.
  - Two 1” stub-outs for direct connection with an indirect DHW tank.
  - Two 1/4” service and drain ports for easy maintenance.
  - 1/2” and 3/4” ports for use with heating system accessories.

• The NHB Secondary Manifolds contain the following features:
  - Both SUPPLY and RETURN piping included in a single package.
  - 3/4” sweat connections for installation with heating devices.
  - 1-1/2” sweat connections for compatible heating system piping.
  - 3/4” flange connections for use with zone pumps.
  - Produced with durable L-copper piping.
  - Shut-off valves provided for system isolation and ease of service.
  - 1/4” service and drain port for easy maintenance.

• Weight: 10.5 lbs (4.8 kg) for Primary and 6.5 lbs (2.9 kg) for Secondary.

Installation Example

Note: Primary Manifold is compatible with single NHB Boilers only. Boiler and System pumps are not included with the manifold. Verify proper pump sizing for best performance.
**NHB Primary & Secondary Manifolds**  
*Specification Sheet*

**NHB Series Primary Manifold**  
(#GFFM-MSoZUS-001)

**NHB Series Secondary Supply Manifold**  
(#GFFM-SKTZUS-001)*

**NHB Series Secondary Return Manifold**  
(#GFFM-SKTZUS-001)*

* Both Secondary RETURN and SUPPLY Manifolds are included in one package.

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*Navien reserves the right to change specifications at any time without prior notice*

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