

# HYDRO-CORE™

## COMPLETE NEAR BOILER PIPING KIT

PATENTED TECHNOLOGY

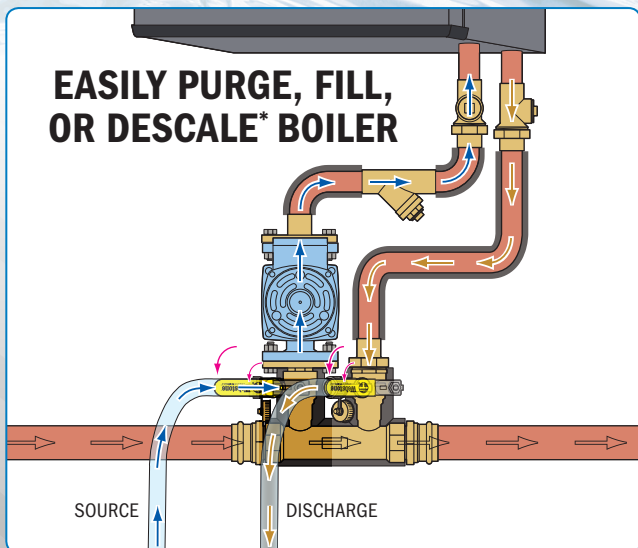
### A REVOLUTIONARY APPROACH TO HYDRONIC INSTALLATIONS

A fully-fabricated solution, Hydro-Core Complete Near Boiler Piping Kits include everything necessary for a successful installation.

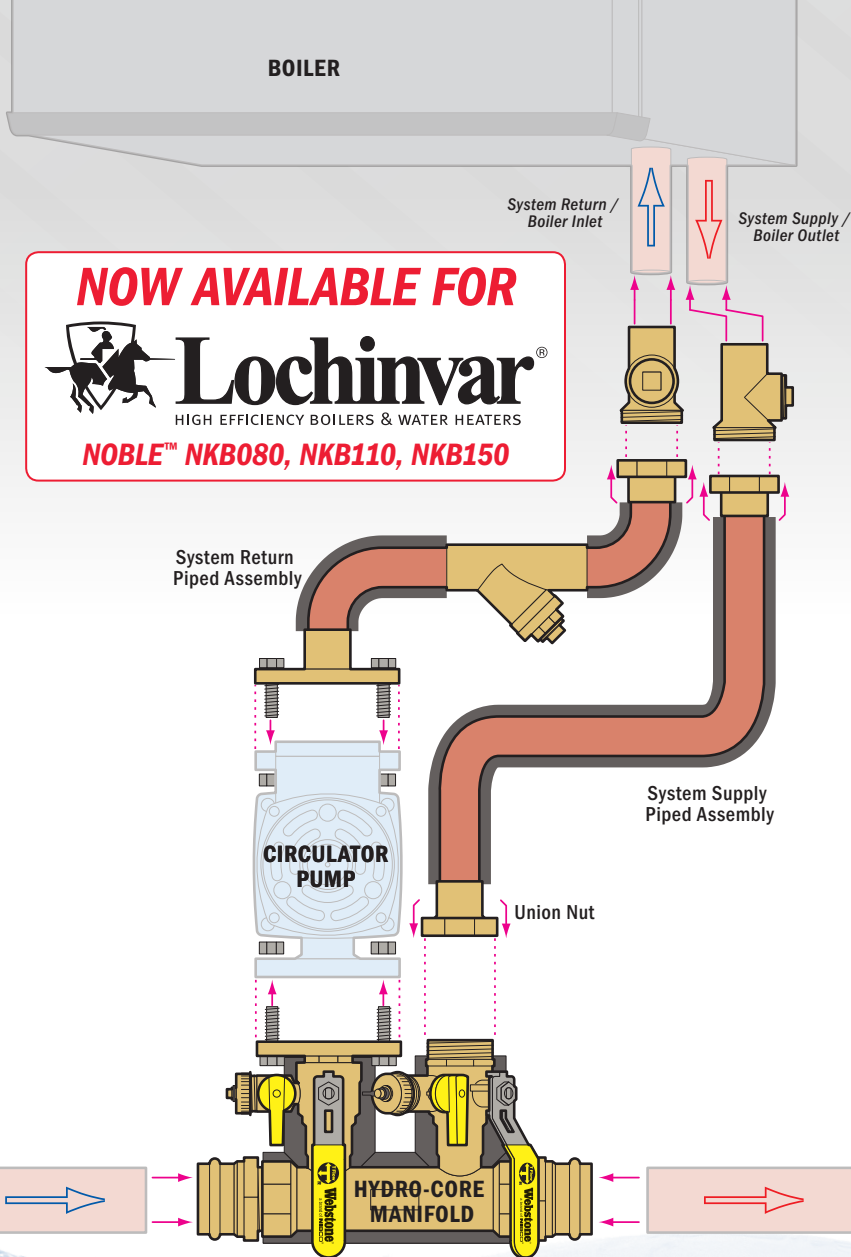
- Choice of **Press**, FIP or SWT Hydro-Core Manifold
- Insulated supply & return lines assembled from one-piece, type-L copper tubing
- Integrated union boiler connections with plugged FIP ports
- Integrated mesh "Y" strainer
- Plugged 1/2" strainer cap port
- Accommodates common circulator pumps (measuring 6½" in length)

#### ADVANTAGES

- Eliminates costly field fabrication
- Avoids precise calculations
- Simplifies future maintenance
- Saves space
- Shaves hours off every installation
- All with EXPERT looking results



\*DESCALING MAY NOT BE RECOMMENDED FOR ALL BOILERS. CONSULT BOILER MANUFACTURER FOR DETAILS.



**NOW AVAILABLE FOR**  
  
**Lochinvar®**  
 HIGH EFFICIENCY BOILERS & WATER HEATERS  
**NOBLE™ NKB080, NKB110, NKB150**

#### HYDRO-CORE COMPLETE NEAR BOILER PIPING KIT

Includes Left Flange Manifold, Copper Supply & Return Lines, (2) 1 SWT Boiler Connections, Mesh "Y" Strainer

SIZE	ITEM #	STANDARD BRASS CTN/CASE	CASE WT
FIP			600 CWP
1 1/4"	H-4CCL54-54Y	1/1	14.
SWT			600 CWP
1 1/4"	H-5CCL54-54Y	1/1	14.
Press			250 CWP
1 1/4"	H-8CCL54-54Y	1/1	15.

**Webstone®**  
 a brand of **NIBCO®**

**VALVE INNOVATION  
 GUARANTEED FOR LIFE**

CONDITIONS APPLY. SEE WEBSTONEVALVES.COM FOR FULL DETAILS.

[webstonevalves.com/hydrocore](http://webstonevalves.com/hydrocore)



**WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

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# HYDRO-CORE™

## THE CORE OF ANY PROFESSIONAL HYDRONIC INSTALLATION

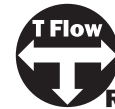
The Webstone Hydro-Core Manifold is the ideal solution for most near boiler piping or secondary loops.

- Combines Webstone Isolator® and Ball Drain™ with closely spaced tees
- Eliminates costly field fabrication
- Avoids precise calculations
- Simplifies future maintenance
- Saves space
- All with EXPERT looking results
- **Press**, FIP, or SWT system connections

HYDRO-CORE  
UNION CONNECTION



**Precision-Crafted Closely Spaced Tees** for hydraulic separation



**T-Flow Ball** Directs flow into either the boiler or purge drain

**THE OLD WAY**

**THE WEBSTONE WAY**  
REPLACES 17 COMPONENTS  
ELIMINATES 16 LEAK PATHS  
SAVES 144 MINUTES OF LABOR



**Fully-Insulated Body**



**Snug-Fit Rotating Flange**

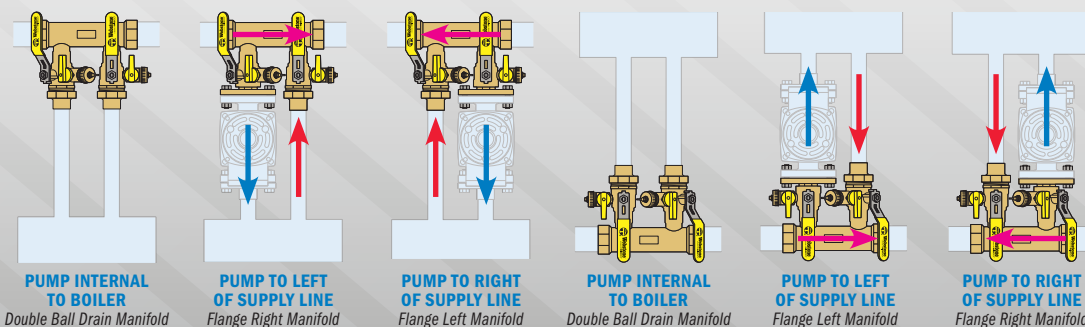
## HYDRO-CORE™ MANIFOLD KITS

Kits include Hydro-Core Manifold and Union Connections. Ideal for field-fabricated near boiler piping or secondary loops.

PUMP LOCATION		Manifold Flange Orientation	System Run	Boiler Connection	FIP	SWT	Press * FIP
Floor Standing Boilers	Wall Hung Boilers						
Internal to boiler	Internal to boiler	Double Ball Drain	1 1/4"	3/4"	H-48354-43	H-48354-53	H-48354-43
			1 1/4"	1"	H-48354-44	H-48354-54	H-48354-44
On the system return line, to the left of system supply line	On the system return line, to the right of system supply line	Flange Right	1 1/4"	3/4"	H-48754-43	H-48754-53	H-48754-43
			1 1/4"	1"	H-48754-44	H-48754-54	H-48754-44
			1 1/2"	1 1/4"	H-48765-45	H-48765-55	H-48765-45
On the system return line, to the right of system supply line	On the system return line, to the left of system supply line	Flange Left	1 1/4"	3/4"	H-48854-43	H-48854-53	H-48854-43
			1 1/4"	1"	H-48854-44	H-48854-54	H-48854-44
			1 1/2"	1 1/4"	H-48865-45	H-48865-55	H-48865-45

### FLOOR STANDING BOILERS

### WALL HUNG BOILERS



#### BOILER COMPATIBILITY ASSUMPTIONS:

- Hydro-Core manifolds will be selected in accordance with the manufacturers' recommended run, supply and return sizes.
- Customers will ensure that their installation can accommodate any other devices noted by the boiler manufacturer.
- Selected heat flow direction is acceptable for the installation.
- External pumps will be mounted to the manifold and connected to the boiler return.

#### IF AN EXTERNAL PUMP IS REQUIRED, THE MANIFOLD WILL BE INSTALLED AS FOLLOWS:

- Ports below the boiler: manifold is installed below with the pump mounted in between.
- Ports on the top or side of the boiler: manifold is installed above the boiler with the pump mounted in between.
- Contact Webstone if your installation varies from these conditions.