

Heat Exchanger Instruction Sheet

Installation:

- Allow sufficient clearance at end of unit for removal or tube bundle.
- Install unit so that pipe connections can be made without forcing.
- Make sure unit is supported in order to prevent piping strains.
- Appropriate valves and by-passes should be installed to permit both the shell and tube bundle to be shut off for inspection, repairs, and cleaning.
- Tubing must be full of water before introducing steam or hot water into shell, otherwise flashing or noise may occur.

Operation:

Start-up:

- Prior to start-up, all nuts should be checked to prevent leaks and blown gaskets.
- Open cold side first, then gradually start hot side, bringing unit to operating condition.
- Caution: Start-up gradually to avoid temperature shock.

Shut Down:

- Shut hot side down first.
- In the event that the cold side must be stopped, always cut off flow of hot water first by closing valves or by-passing.

Cleaning:

- Periodically flush out the shell and tube bundle.
- Remove head and bundle to clean inside of shell and outside of tubes.
- Replace gaskets if necessary.

Hard Water Applications:

- Close water connections, plug bottom opening.
- Fill tubes with solution: 1 part muriatic acid, 10 parts water (let stand for 2 hours - Caution: A longer period may cause damage to the copper tubing.)
- Commercially available cleaners may also be used.
- Drain off and flush thoroughly with clean water.
- Re-assemble unit.

Replacement Parts:

To Order Replacement Parts, Please specify:

- (1.) Complete Model Number
- (2.) Date of Manufacture
- (3.) Specific Materials if Required

Common replacement parts include:

- (1.) Tube Bundles
- (2.) Gasket Sets

JOB NAME _____
LOCATION _____

CONTRACTOR _____
CONTRACTOR P.O. NO. _____

ITEMS	QUANTITY
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____



1005 E. Houston
Broken Arrow, OK 74012
Toll Free: 866-204-5229
PH: 918-317-0401
FAX: 918-317-0407
www.wheatleyhvac.com
e-mail: sales@globalflowproducts.com