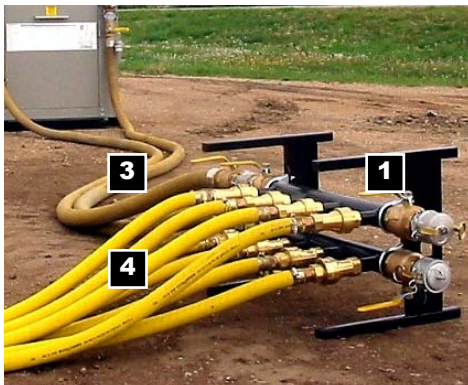


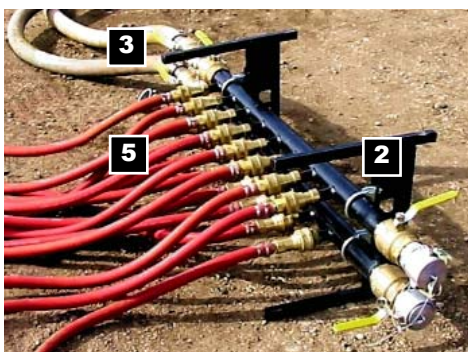
# Fluid Circulation System



## Features:

- Provides the fluid circulation loops required to deliver heated heat transfer fluid to the heat exchanger and back to the water heater
- The system is composed of primary circulation lines, fluid distribution manifolds, secondary circulation lines.
- All fluid distribution system components employ quick-coupler connections and remains fully charged for quick setup-and-go operation.
- An assortment of tees and fittings are also available... allowing the widest range of setup possibilities.

## Components



- 1) Distribution manifold - 4-port
  - Used primarily for powered heat exchange
  - Ideal for heating, drying and climate control applications
  - 2" kamlocks & ball valves for the primary fluid distribution connections
  - 3/4" or 1" hydraulic-style quick couplers for the secondary fluid distribution connections
  - Can connect to up to four portable heat exchangers
- 2) Distribution manifold - 8-port
  - Used primarily for non-powered heat exchange
  - Ideal for ground thaw, frost prevention and concrete cure applications
  - 2" kamlocks & ball valves for the primary fluid distribution connections
  - 3/4" hydraulic-style quick couplers for the secondary fluid distribution connections
  - Can accommodate up to eight circulation line heat exchanger loops
- 3) Primary circulation line
  - 2"ID x 50' hose c/w ball valves and Kamlock couplers
  - 1-1/4" x 50' hose c/w ball valves and Kamlock couplers
- 4) Secondary circulation lines
  - 3/4"ID x 50' c/w quick couplers for Model 80 portable heat exchanger
  - 1"ID x 50' c/w quick couplers for Model 200 portable heat exchanger
  - 1 1/4"ID x 50' c/w quick couplers for Model 600 portable heat exchanger
- 5) Circulation line heat exchangers
  - Used primarily for non-powered heat exchange
  - Ideal for ground thaw, frost prevention and concrete cure applications
  - Transfer heat by direct contact and radiant heat conduction
  - 3/4" (1"O.D.) x 750' hose loops with 3/4" hydraulic-style quick couplers
  - A powered hose reel to load/unload the circulation line heat exchangers is available
- 6) Tee Package - 2" Kamlock couplers
  - to add a second 2" primary circulation line
- 7) Tee Packages - 2" Kamlock/Hydraulic-style quick couplers
  - to add a 3/4" connection for a model 80 portable heat exchanger or a circulation line heat exchanger loop
  - to add a 1" connection for models 200 and 600 portable heat exchangers
- 8) Adapter Assembly - 2" to 1-1/4" Kamlock

