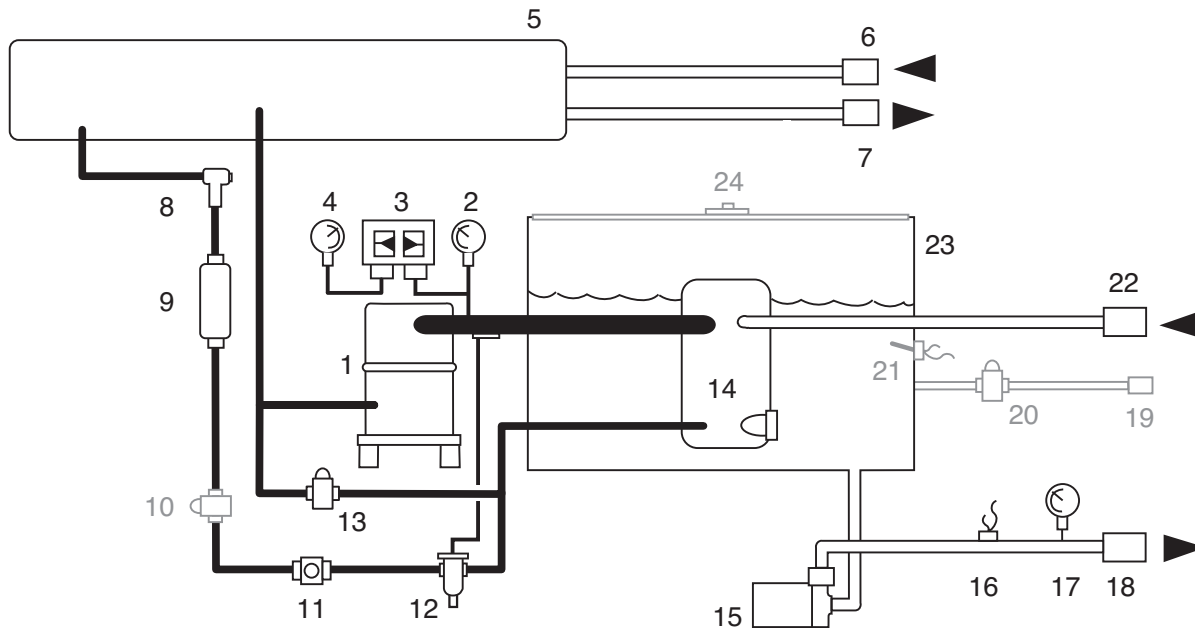




TEMPERATURE CONTROLLERS... PORTABLE CHILLERS... CENTRAL CHILLERS... PUMP TANK STATIONS... TOWER SYSTEMS...

**SUBJECT: MECHANICAL SCHEMATIC**  
**WATER-COOLED MODELS : 2 - 3 TONS CAPACITY**

**FYI #278 7/8/05**  
*updated 1/26/12*



**Note:** Typical schematic shown.  
 Actual components included in unit  
 may change based on options and  
 features selected.

- 1 Hermetic compressor
- 2 Suction line pressure gauge
- 3 High - low pressure limit
- 4 Head pressure gauge
- 5 Water-cooled condenser
- 6 Condenser water in connection
- 7 Condenser water out connection
- 8 Service valve
- 9 Filter-drier
- 10 Liquid line solenoid valve
- 11 Refrigerant sight glass
- 12 Expansion valve
- 13 Hot gas bypass valve
- 14 Evaporator
- 15 Centrifugal pump
- 16 To process sensor probe
- 17 To process pressure gauge
- 18 To process connection
- 19 Water supply connection (optional)
- 20 Water make-up solenoid valve (optional)
- 21 Reservoir level switch (optional)
- 22 From process connection
- 23 Reservoir
- 24 Tank lid and manual fill port