

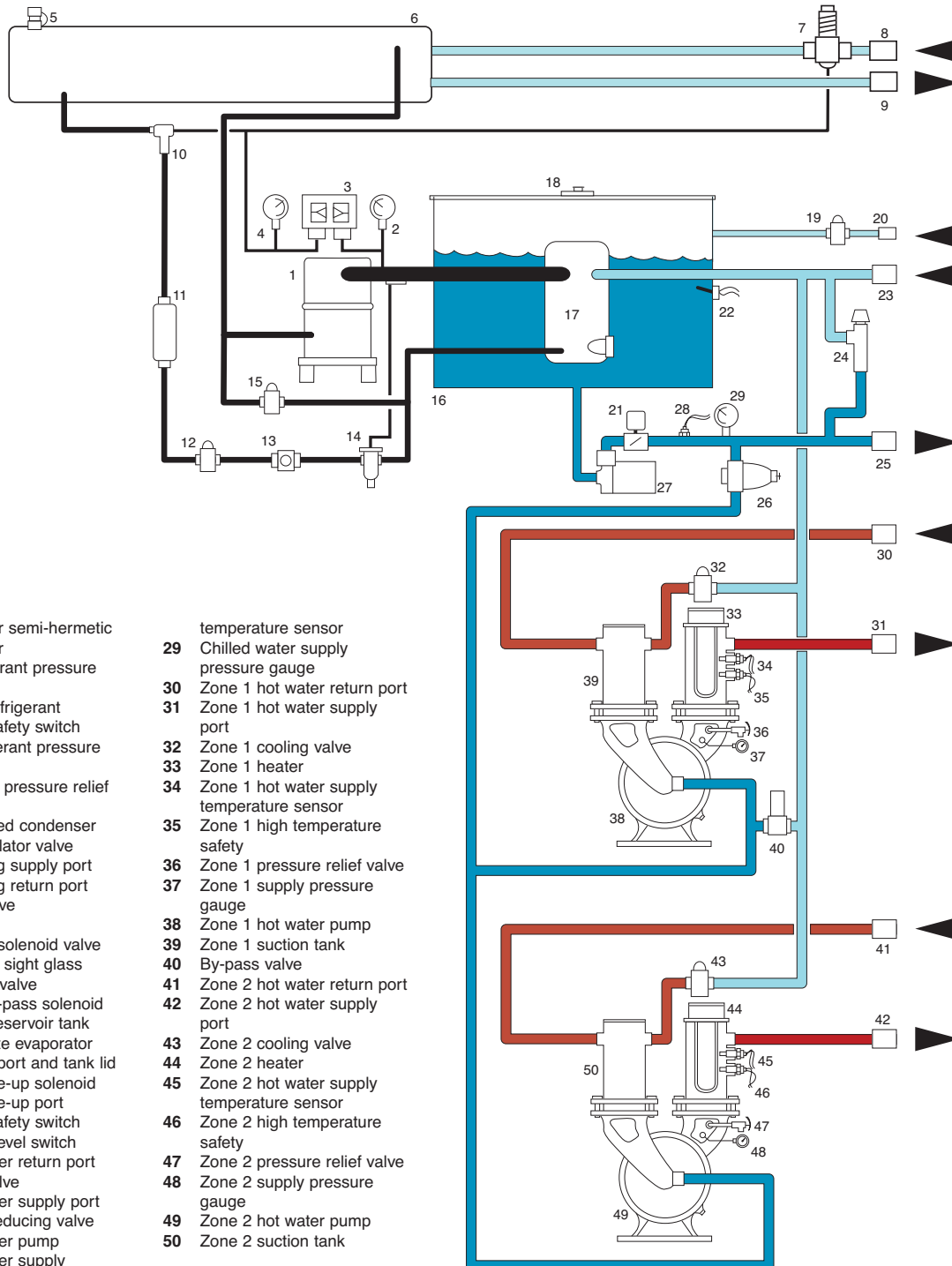


TEMPERATURE CONTROLLERS... PORTABLE CHILLERS... CENTRAL CHILLERS... PUMP TANK STATIONS... TOWER SYSTEMS...

SUBJECT: 3 - 30 TON WATER COOLED TRI-TEMP SCHEMATIC (TYPICAL)

#7-G-164

9/19/1995



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|-----------------------------------------------|-----------------------------------------------|
| 1 Hermetic or semi-hermetic compressor | 29 Chilled water supply pressure gauge |
| 2 Low refrigerant pressure gauge | 30 Zone 1 hot water return port |
| 3 High/low refrigerant pressure safety switch | 31 Zone 1 hot water supply port |
| 4 High refrigerant pressure gauge | 32 Zone 1 cooling valve |
| 5 Refrigerant pressure relief valve | 33 Zone 1 heater |
| 6 Water cooled condenser | 34 Zone 1 hot water supply temperature sensor |
| 7 Water regulator valve | 35 Zone 1 high temperature safety |
| 8 Condensing supply port | 36 Zone 1 pressure relief valve |
| 9 Condensing return port | 37 Zone 1 supply pressure gauge |
| 10 Service valve | 38 Zone 1 hot water pump |
| 11 Filter-drier | 39 Zone 1 suction tank |
| 12 Liquid line solenoid valve | 40 By-pass valve |
| 13 Refrigerant sight glass | 41 Zone 2 hot water return port |
| 14 Expansion valve | 42 Zone 2 hot water supply port |
| 15 Hot gas by-pass solenoid | 43 Zone 2 cooling valve |
| 16 Insulated reservoir tank | 44 Zone 2 heater |
| 17 Brazed plate evaporator | 45 Zone 2 hot water supply temperature sensor |
| 18 Manual fill port and tank lid | 46 Zone 2 high temperature safety |
| 19 Water make-up solenoid | 47 Zone 2 pressure relief valve |
| 20 Water make-up port | 48 Zone 2 supply pressure gauge |
| 21 Low flow safety switch | 49 Zone 2 hot water pump |
| 22 Reservoir level switch | 50 Zone 2 suction tank |
| 23 Chilled water return port | |
| 24 By-pass valve | |
| 25 Chilled water supply port | |
| 26 Pressure reducing valve | |
| 27 Chilled water pump | |
| 28 Chilled water supply | |