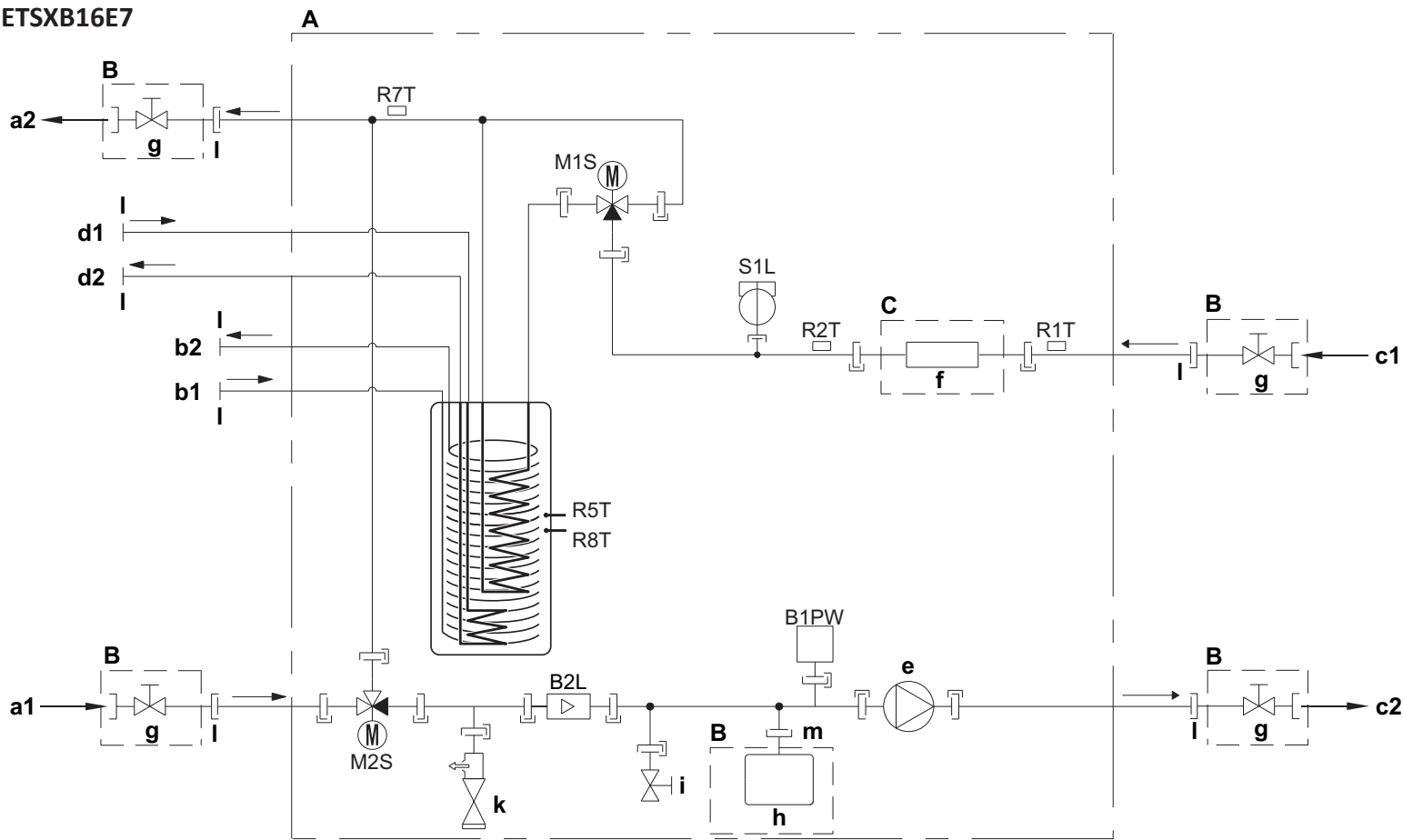


ETSH16E7  
ETSHB16E7  
ETSX16E7  
ETSXB16E7

**Piping diagram: indoor unit**



- A Indoor unit
- B Field installed
- C Optional
- D Refrigerant side
- a1 Space heating/cooling - Water IN (screw connection, 1")
- a2 Space heating/cooling - Water OUT (screw connection, 1")
- b1 DHW - Cold Water IN (screw connection, 1")
- b2 DHW - Hot water OUT (screw connection, 1")
- c1 Water IN from outdoor unit (screw connection, 1")
- c2 Water OUT to outdoor unit (screw connection, 1")
- d1 Water IN from bivalent heat source (screw connection, 1")
- d2 Water OUT to bivalent heat source (screw connection, 1")
- e Pump
- f Backup heater
- g Shut-off valve, female-female 1"
- h Expansion vessel
- i Drain valve
- k Safety valve
- l External thread 1"
- m External thread 3/4"
- B2L Flow sensor
- B1PW Space heating water pressure sensor
- M1S Tank valve
- M2S Bypass valve
- R1T Thermistor (water IN)
- R2T Thermistor (backup heater - water OUT)
- R5T, R8T Thermistor (tank)
- R7T Thermistor (tank - water OUT)
- S1L Flow switch
- |— Screw connection
- ==> Flare connection
- |— Quick coupling
- Brazed connection