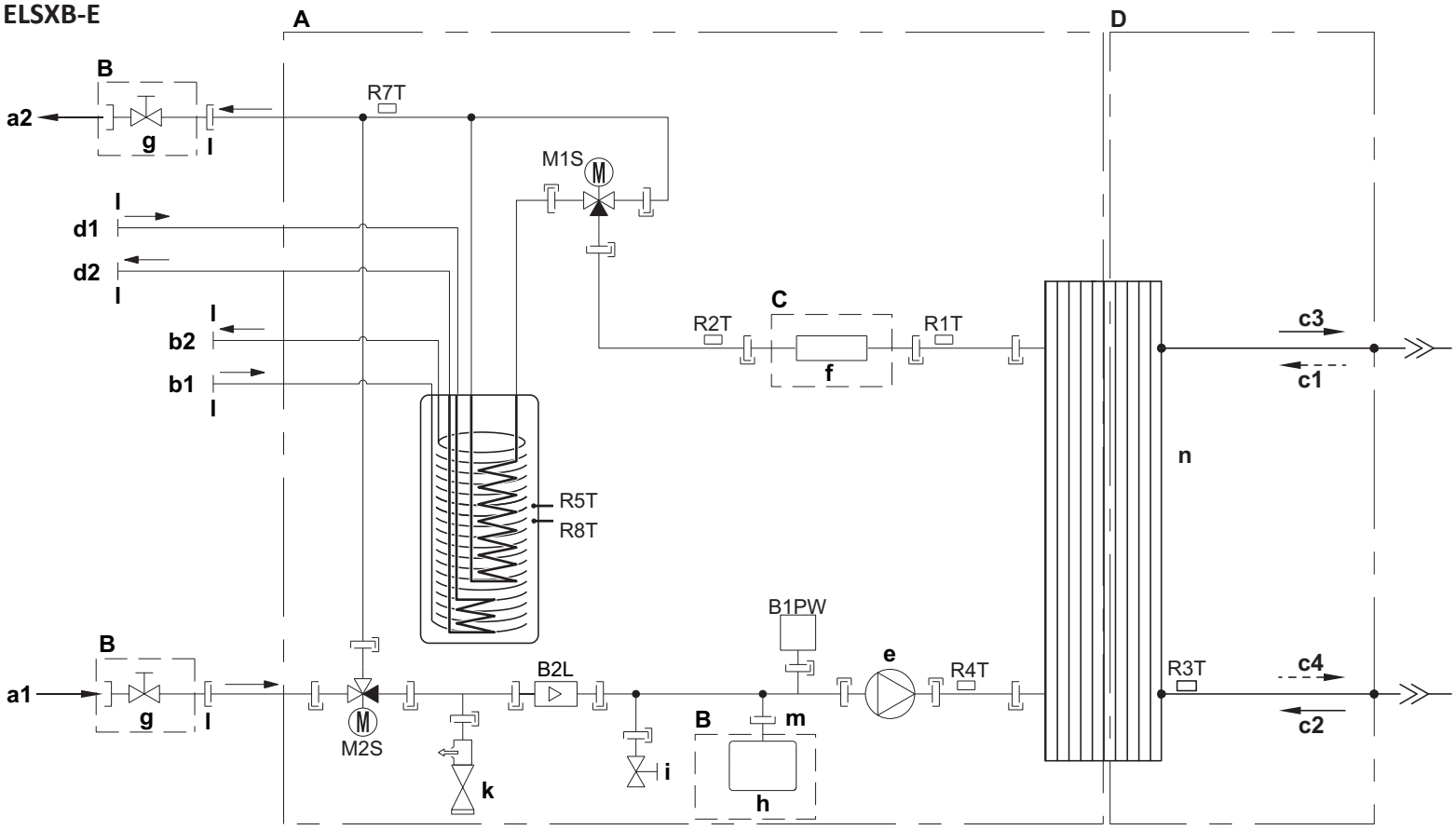
ELSH-E
ELSHB-E
ELSX-E
ELSXB-E

Piping diagram: indoor unit



A	Indoor unit
B	Field installed
C	Optional
D	Referigerant 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	Gas refrigerant IN (heating mode; condenser)
c2	Liquid refrigerant IN (cooling mode; evaporator)
c3	Gas refrigerant OUT (cooling mode; evaporator)
c4	Liquid refrigerant OUT (heating mode; condenser)
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″
n	Plate heat exchanger
B2L	Flow sensor
B1PW	Space heating water pressure sensor
M1S	Tank valve
M2S	Bypass valve
R1T	Thermistor (plate heat exchanger - water OUT)
R2T	Thermistor (backup heater - water OUT)
R3T	Thermistor (Refrigerant liquid side)
R4T	Thermistor (Inlet water)
R5T, R8T	Thermistor (tank)
R7T	Thermistor (tank - water OUT)
	Screw connection
	Flare connection
	Quick coupling
	Brazed connection