

ESH-B-E





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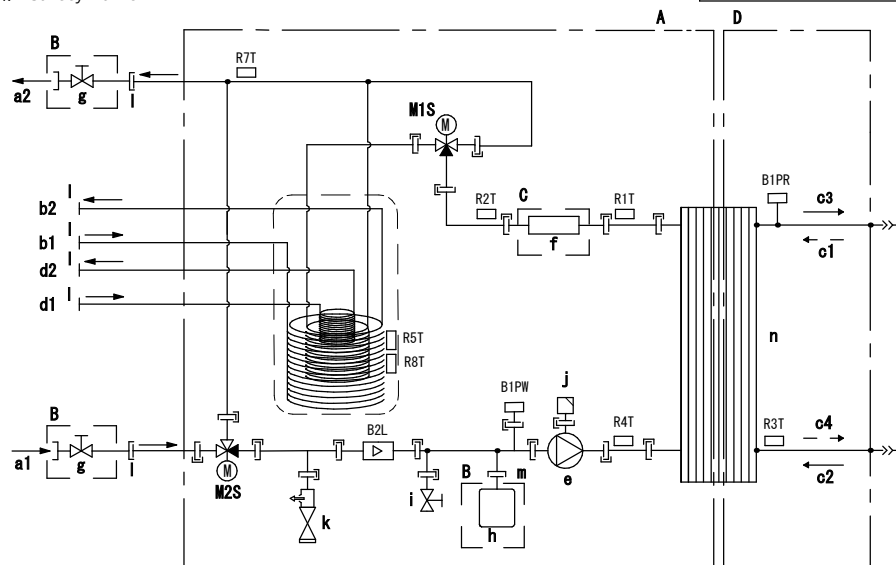
ESH-B-E

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- A Indoor unit
- B Field installed
- C Optional
- D Refrigerant side
- a1 Space heating/cooling water IN
- a2 Space heating/cooling water OUT
- b1 Domestic hot water: cold water in
- b2 Domestic hot water: hot water out
- c1 Refrigerant suction connection ·IN (heating mode; condenser)·
- c2 Refrigerant liquid connection ·IN (cooling mode; evaporator)·
- c3 Refrigerant suction connection ·OUT (cooling mode; evaporator)·
- c4 Refrigerant liquid connection ·OUT (heating mode; condenser)·
- d1 Water in connection ·BIV·
- d2 Water out connection ·BIV·
- e Pump
- f Backup heater
- g Shut-off valve
- h Expansion vessel
- i Drain valve
- j Automatic air purge valve
- k Safety valve

- l Screw connection ·external 1"·
- m Screw connection ·external 3/4"·
- n Plate heat exchanger
- B2L Flow sensor
- B1PR Refrigerant pressure sensor
- B1PW Space heating water pressure sensor
- M1S ·Mixing 3·-way valve
- M2S ·Bypass 3·-way valve
- R1T Outlet water heat exchanger thermistor
- R2T Outlet water backup heater thermistor
- R3T Thermistor (heat exchanger, liquid pipe)
- R4T Inlet water thermistor
- R5T,R8T Tank thermistor
- R7T Water outlet thermistor (main/mixed zone)

	Screw connection		Braze connection
	Quick coupling		Flare connection



Piping Diagram for
HPSU BML EHS (H/X) * (04/08) P*E*