



**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  
**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  
 Flare connection  
 Quick coupling  
 Brazed connection