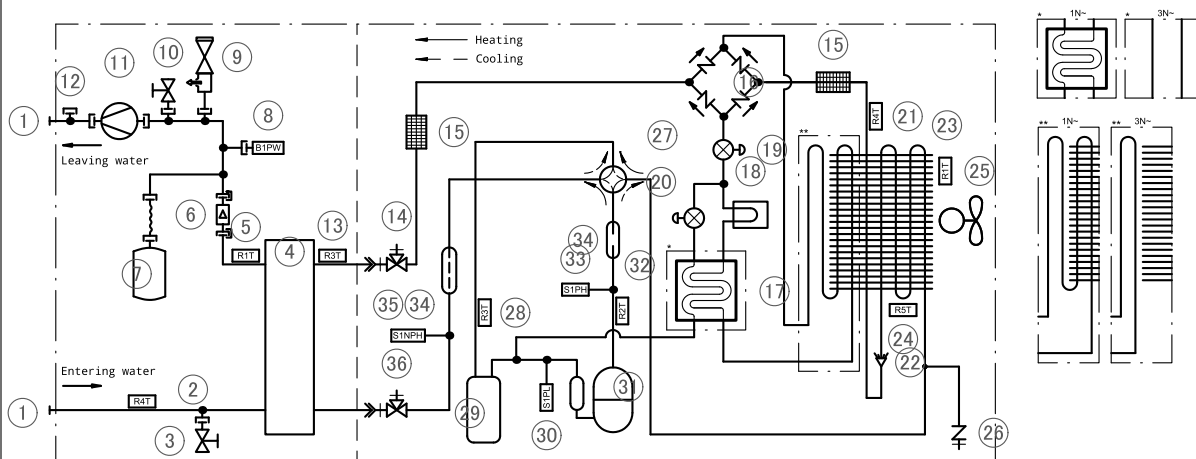


9 Piping diagrams

9 - 1 Piping Diagrams

EBLA09-16(DW1-DV3) / EDLA09-16(DW1-DV3)

	Screw connection		Brazed connection
	Quick coupling		Flare connection



- ① Screw connection ·1"·M·
- ② R4T- Inlet water thermistor
- ③ Drain valve water circuit
- ④ Plate heat exchanger
- ⑤ R1T- Outlet water heat exchanger thermistor
- ⑥ Flow sensor
- ⑦ Expansion vessel
- ⑧ Space heating water pressure sensor
- ⑨ Safety valve
- ⑩ Manual air purge valve
- ⑪ Pump
- ⑫ Connection for optional flow switch
- ⑬ R3T- Refrigerant liquid side thermistor
- ⑭ Liquid stop valve with service port

- ⑮ Filter
- ⑯ Rectifier
- ⑰ Economiser
- ⑱ Heat sink
- ⑲ Electronic expansion valve (main)
- ⑳ Electronic expansion valve (injection)
- ㉑ R4T- Thermistor (heat exchanger)
- ㉒ Distributor
- ㉓ Heat exchanger
- ㉔ R5T- Thermistor (heat exchanger middle)
- ㉕ R1T- Outdoor air
- ㉖ Service port ·5/16"· flare
- ㉗ 4-way valve
- ㉘ R3T- Thermistor (suction)
- ㉙ Accumulator
- ㉚ Low pressure switch
- ㉛ Compressor
- ㉜ R2T- Thermistor (discharge)
- ㉝ High pressure switch
- ㉞ Muffler
- ㉟ Pressure sensor
- ㊱ Gas stop valve with service port

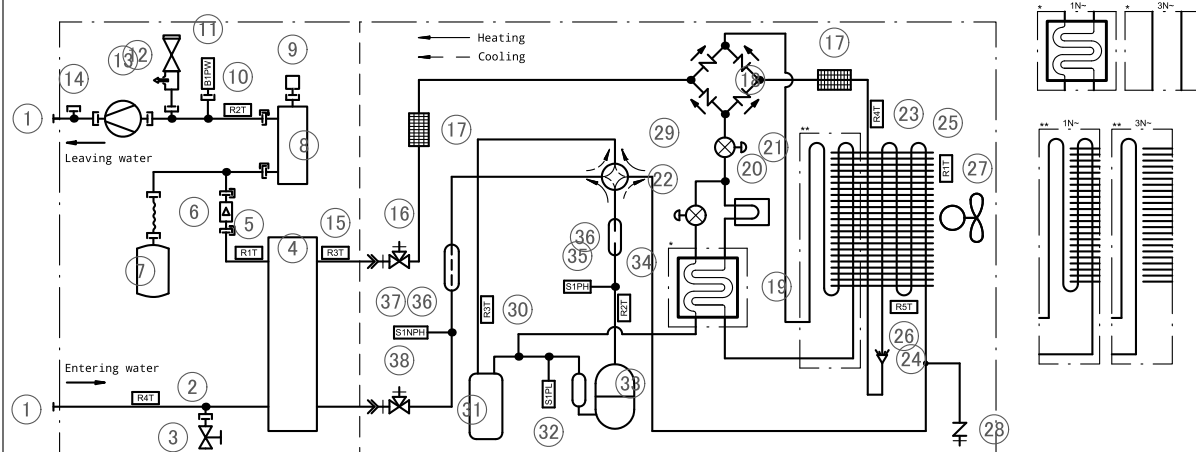
3D128954

9 Piping diagrams

9 - 1 Piping Diagrams

EBLA09-16(3DW1-3DV3) / EDLA09-16(3DW1-3DV3)

 Screw connection	 Brazed connection
 Quick coupling	 Flare connection



- | | |
|---|--|
| ① Screw connection ·1"·M· | ①⑦ Filter |
| ② R4T- Inlet water thermistor | ①⑧ Rectifier |
| ③ Drain valve water circuit | ①⑨ Economiser |
| ④ Plate heat exchanger | ①⑩ Heat sink |
| ⑤ R1T- Outlet water heat exchanger thermistor | ①⑪ Electronic expansion valve (main) |
| ⑥ Flow sensor | ①⑫ Electronic expansion valve (injection) |
| ⑦ Expansion vessel | ①⑬ R4T- Thermistor (heat exchanger) |
| ⑧ Backup heater | ①⑭ Distributor |
| ⑨ Automatic air purge valve | ①⑮ Heat exchanger |
| ⑩ R2T- Outlet water backup heater thermistor | ①⑯ R5T- Thermistor (heat exchanger middle) |
| ⑪ Space heating water pressure sensor | ①⑰ R1T- Outdoor air |
| ⑫ Safety valve | ①⑱ Service port ·5/16"· flare |
| ⑬ Pump | ①⑲ 4-way valve |
| ⑭ Connection for optional flow switch | ①⑳ R3T- Thermistor (suction) |
| ⑮ R3T- Refrigerant liquid side thermistor | ①㉑ Accumulator |
| ⑯ Liquid stop valve with service port | ①㉒ Low pressure switch |
| | ①㉓ Compressor |
| | ①㉔ R2T- Thermistor (discharge) |
| | ①㉕ High pressure switch |
| | ①㉖ Muffler |
| | ①㉗ Pressure sensor |
| | ①㉘ Gas stop valve with service port |

3D128953