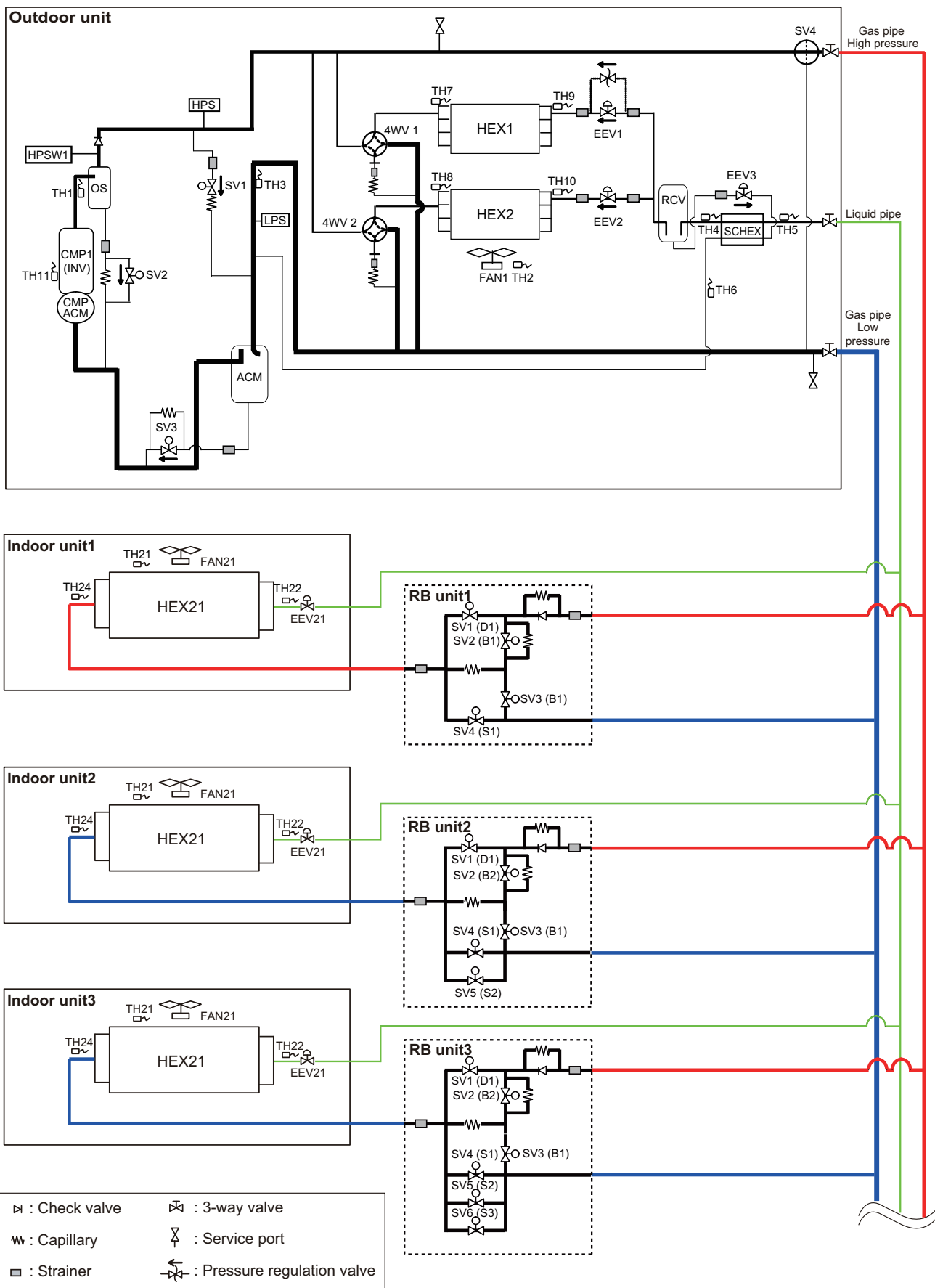


# 5. Refrigerant circuit

## 5-1. Models: AJ\*072GALBH, AJ\*090GALBH, AJ\*108GALBH, AJ\*126GALBH and AJ\*144GALBH



OUTDOOR  
UNITS

OUTDOOR  
UNITS

## 5-2. Symbol description

- Outdoor unit

Symbol	Description	Marking color
CMP1	Compressor 1 (Inverter type)	—
HEX1	Heat exchanger 1	—
HEX2	Heat exchanger 2	—
FAN1	Fan 1	—
ACM	Accumulator	—
RCV	Receiver tanker	—
OS	Oil separator	—
SCHEX	Sub-cool heat exchanger	—
HPS	High pressure sensor	—
LPS	Low pressure sensor	—
HPSW1	High pressure sensor switch 1	—
4WV1	4-way valve 1	—
4WV2	4-way valve 2	—
EEV1	Electric expansion valve 1	—
EEV2	Electric expansion valve 2	—
EEV3	Electric expansion valve 3	—
SV1	Solenoid valve 1	—
SV2	Solenoid valve 2	—
SV3	Solenoid valve 3	—
SV4	Solenoid valve 4	—
TH1	Discharge temperature thermistor 1	Blue
TH2	Outdoor temperature thermistor	—
TH3	Suction temperature thermistor	Red
TH4	Liquid temperature thermistor 1	White
TH5	Liquid temperature thermistor 2	Brown
TH6	Sub-cool heat exchanger (outlet) thermistor	Green
TH7	Heat exchanger 1 gas thermistor	Black
TH8	Heat exchanger 2 gas thermistor	Yellow
TH9	Heat exchanger 1 liquid thermistor	Pink
TH10	Heat exchanger 2 liquid thermistor	Gray
TH11	Compressor 1 temperature thermistor 1	Orange

- Indoor unit

Symbol	Description
HEX21	Heat exchanger
FAN21	Fan
EEV21	Electric expansion valve
TH21	Room temperature thermistor
TH22	Heat exchanger (inlet) thermistor
TH24	Heat exchanger (outlet) thermistor

- RB unit

Symbol	Description
SV1 (D1)	Solenoid valve (Discharge 1)
SV2 (B2)	Solenoid valve (Bypass 2)
SV3 (B1)	Solenoid valve (Bypass 1)
SV4 (S1)	Solenoid valve (Suction 1)
SV5 (S2)	Solenoid valve (Suction 2)
SV6 (S3)	Solenoid valve (Suction 3)