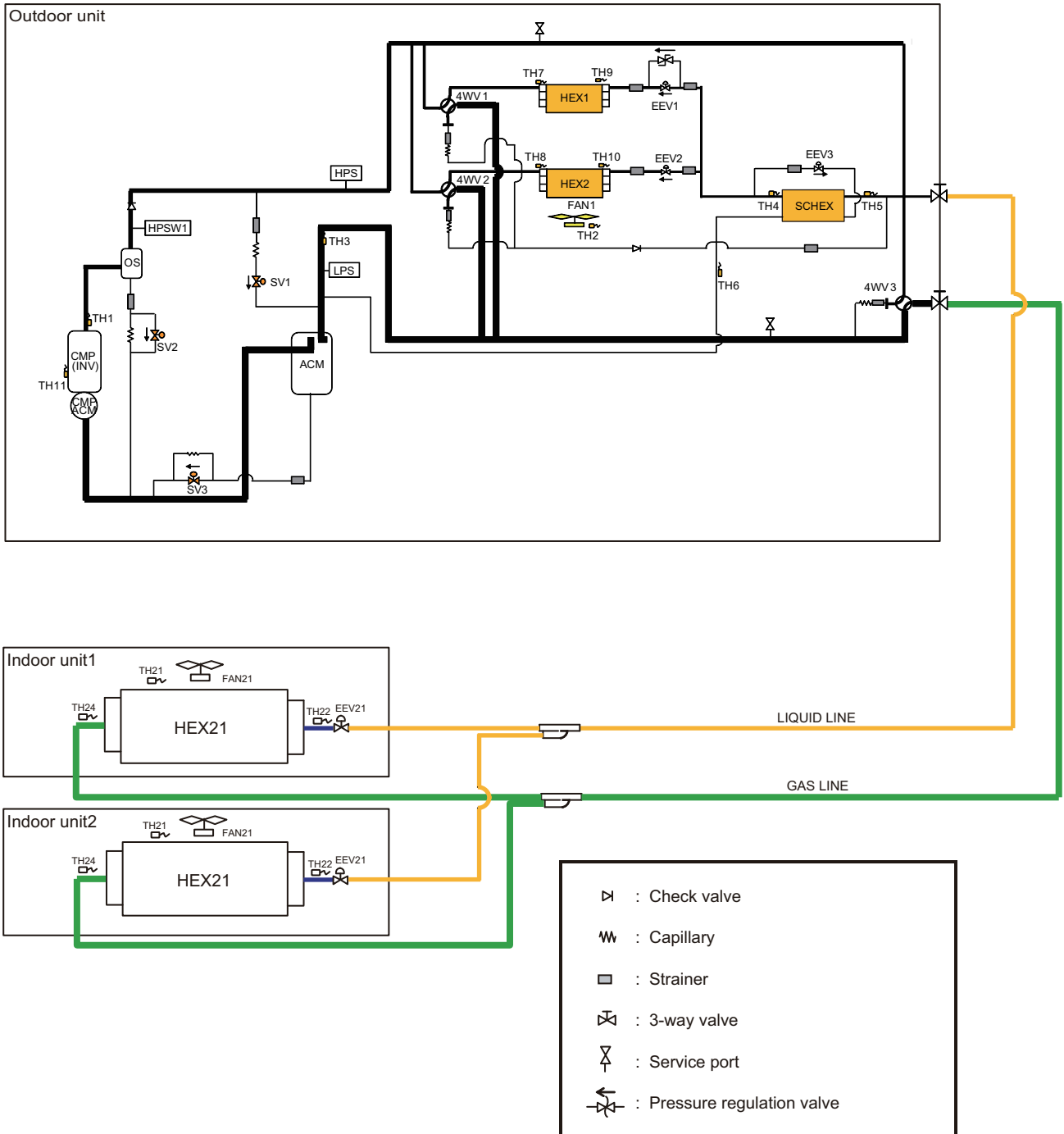


## 5. Refrigerant circuit

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



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	—
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	—
4WV3	4-way valve 3	—
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	—
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