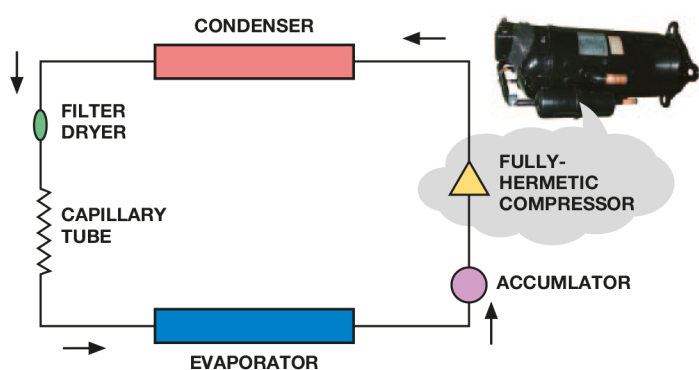


MELCO GREEN HVAC - FEATURES

High Reliability

Fully Hermetic Cycle



Simple Cycle

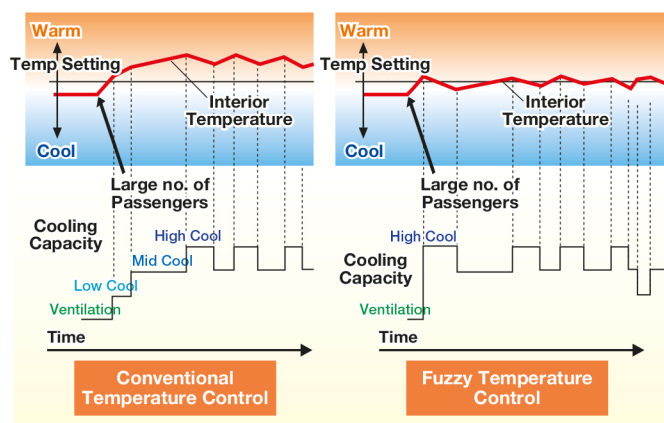
- No gasket seal
- No thread connection
- Reduce mechanical devices

MTBF:
40,000 hours/car
MDBF:
1,000,000 km/car

High Air Quality

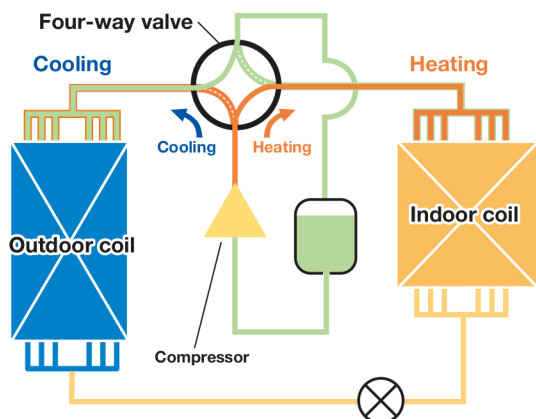
Fuzzy Control

- Quick stabilization at temperature setting
- Temperature difference and change rate



High Efficiency

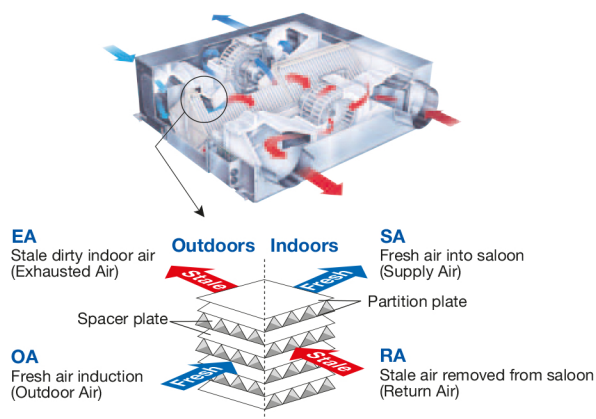
Heat Pump Operation



Reduce power consumption with high efficient refrigerant cycle

50% reduced compared to electric heater

Energy Recovery Ventilation with Lossnay



Reduced heat load

Reduced power consumption

Cooling : 10% energy reduction **Heating : 60% energy reduction**