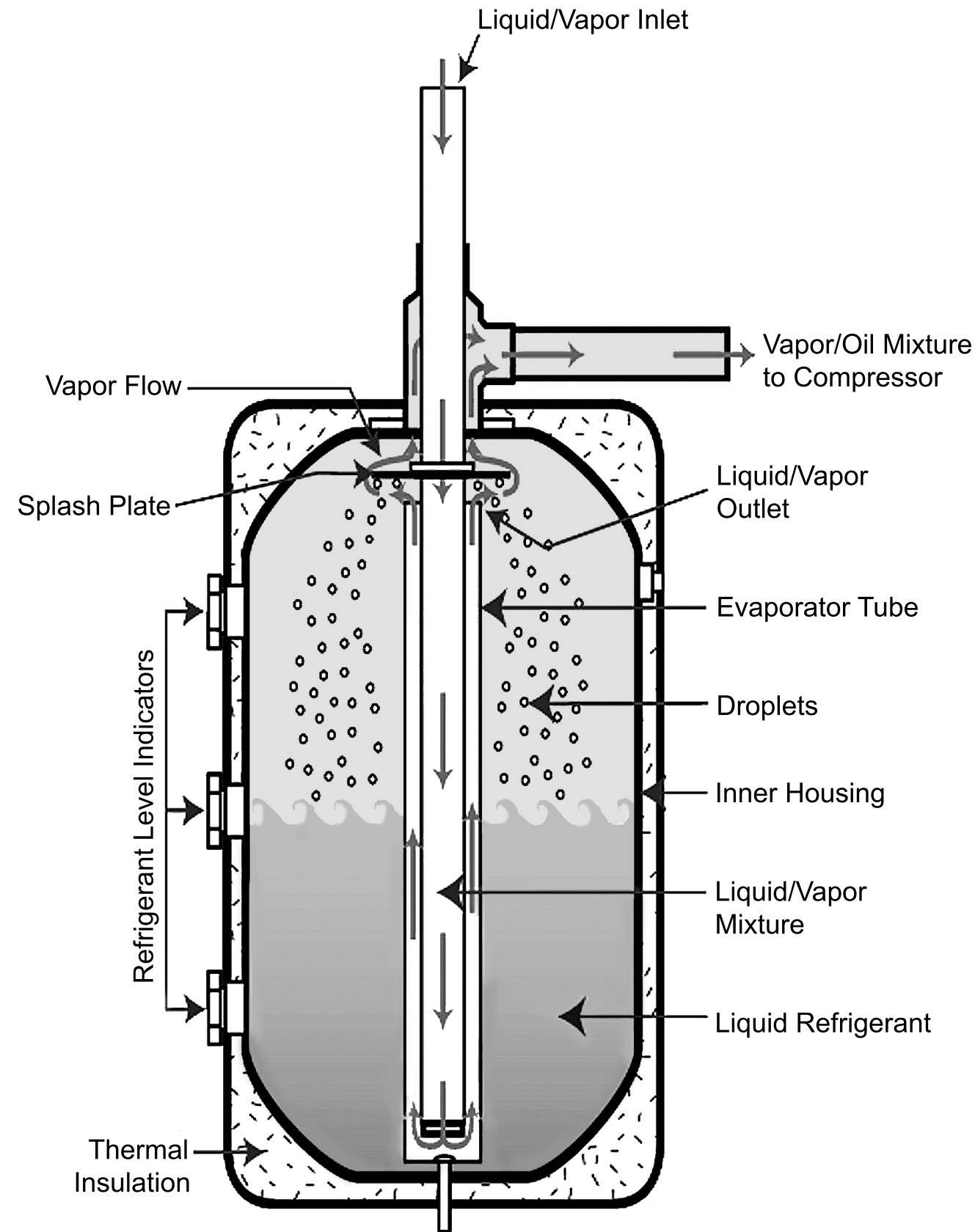


# Active Charge Control (ACC)



## Active Charge Control Advantages

- Prevents any liquid or unevaporated refrigerant from reaching the compressor.
- Evaporates or traps refrigerant as necessary to keep the system properly charged, the evaporator “flooded” and prevent build-up of superheat at the compressor inlet.
- Increases suction pressure by eliminating superheat.
- Improves volumetric efficiency of the compressor.
- Continuously allows the passage of compressor oil entrained in the refrigerant.
- Provides a means for quickly and easily determining whether the system is properly charged.
- Allows the compressor to run cooler.
- Reduces compressor power requirement as a result of increased suction pressure.