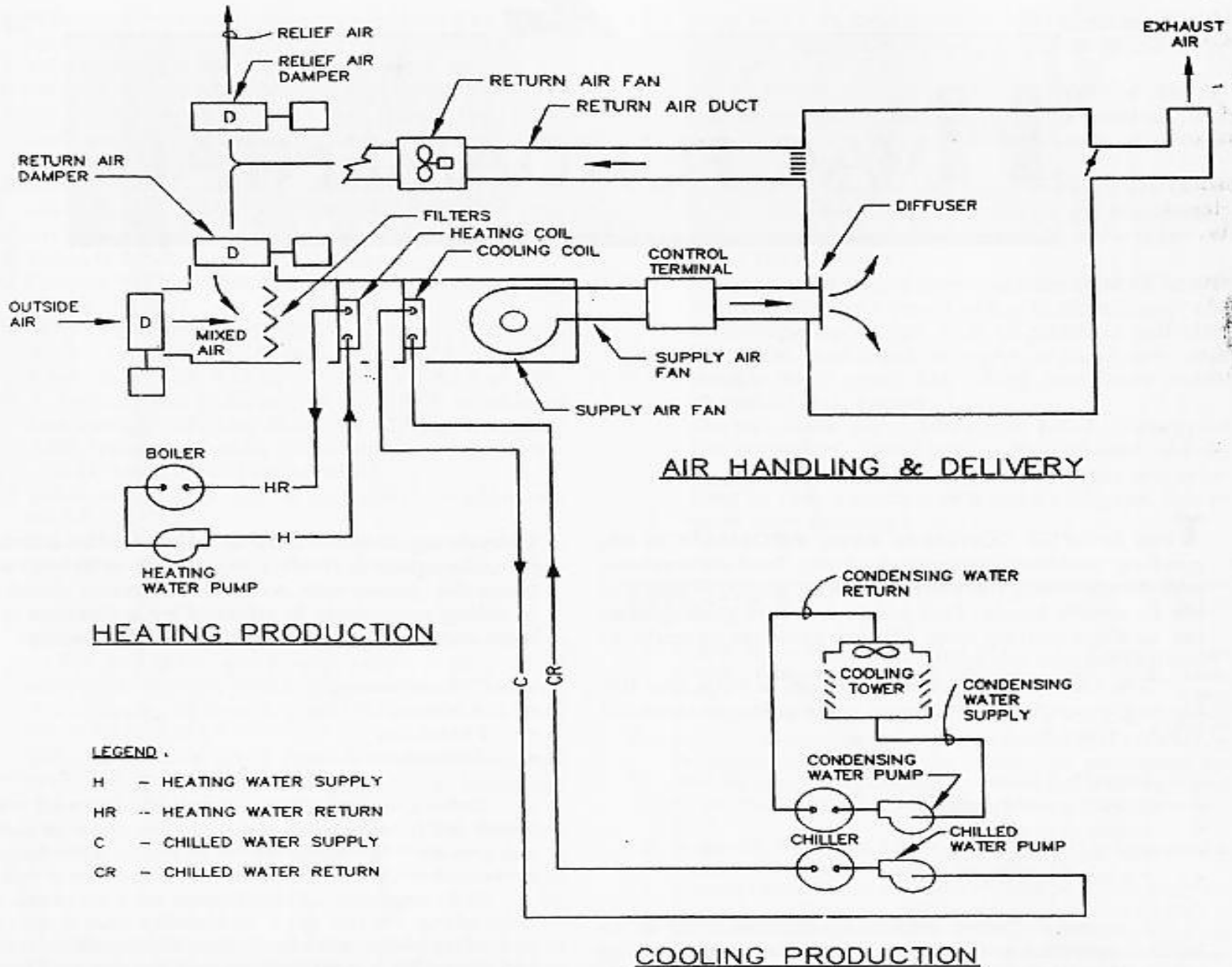
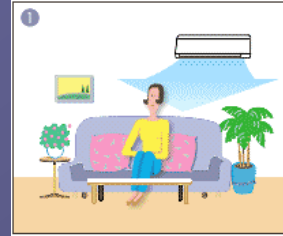


# TEKNIK PENGINGIN DAN TATA UDARA



# AIR CONDITIONING

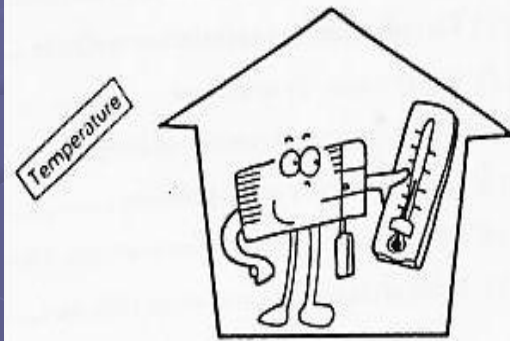
## (PENGKONDISIAN UDARA)



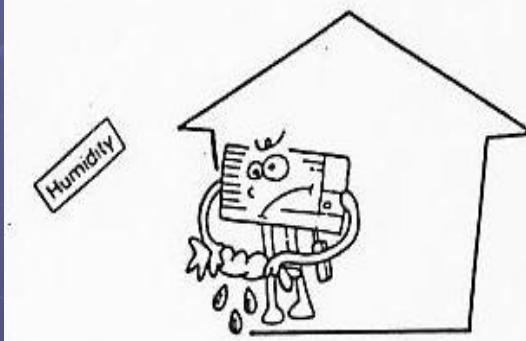
When you are in the room, the air conditioner maintains the set temperature.

Proses pengontrolan udara secara simultan pada *TEMPERATURE, HUMIDITY, CLEANNESS*, dan *DISTRIBUTION* untuk mendapatkan kondisi ruang yang diperlukan

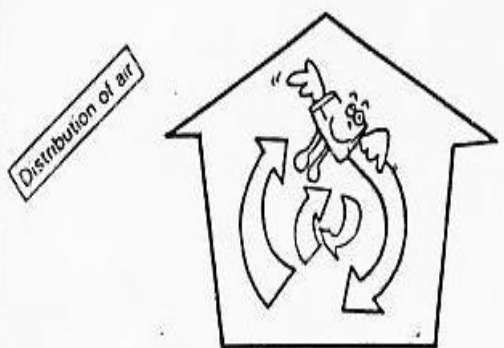
1. Room air is cooled or heated



2. Room air is humidified or dehumidified



4. Controlled air is distributed throughout a room

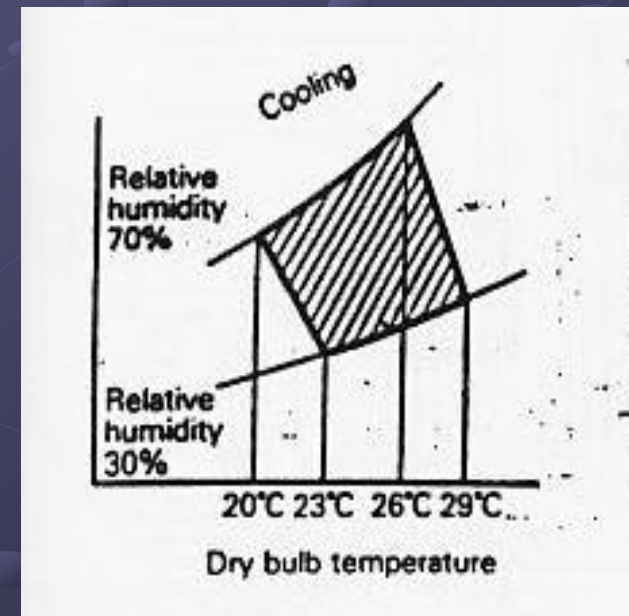


3. Room air is cleaned by removing dust and dirt from it.

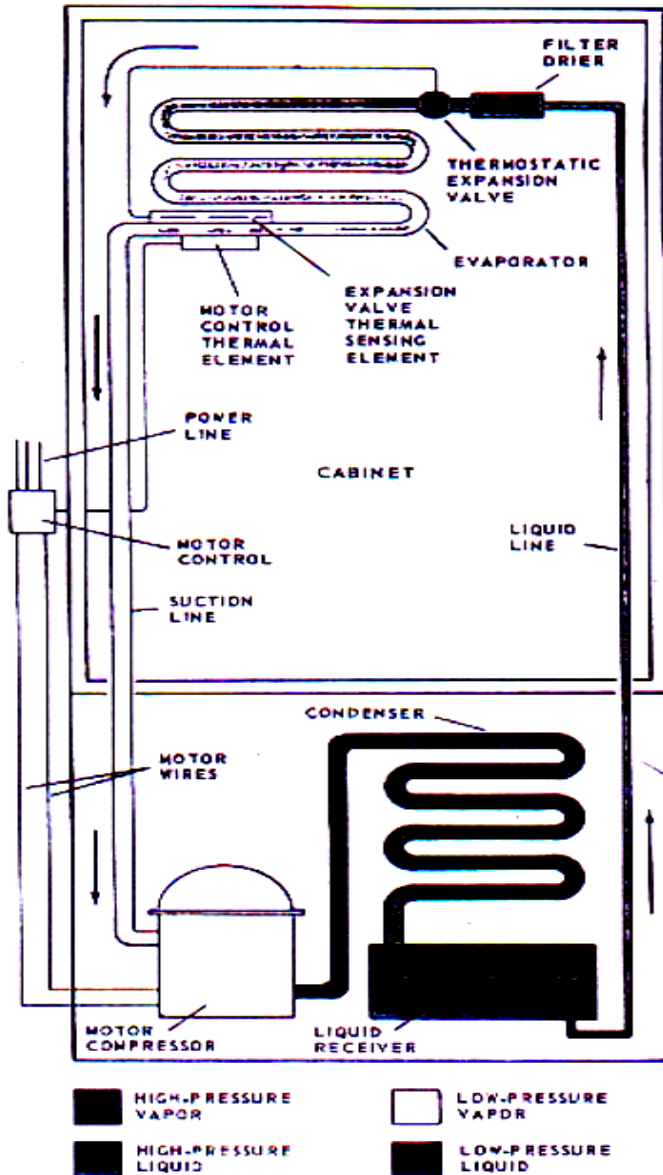


Kenyamanan di pengaruhi variabel:

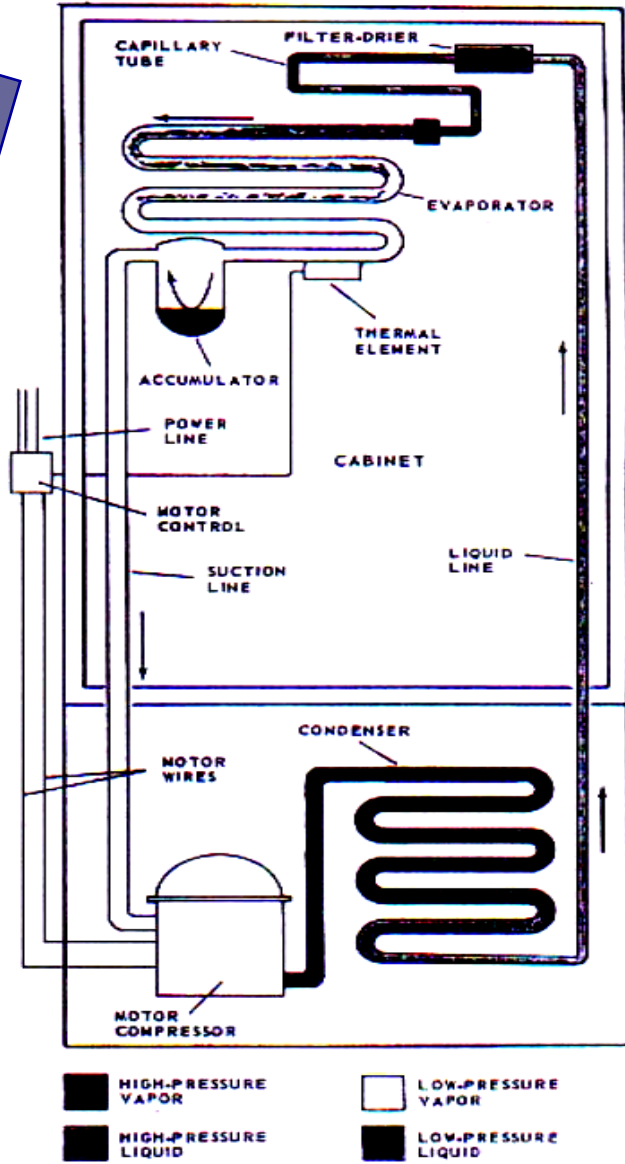
- Temperature (27°C)
- Air flow (10-50 fpm)
- Humidity (55%)
- Radiation
- Perbedaan temperatur luar-dalam (sehat & ekonomis 3-6°C)



# SISTEM MESIN PENDINGIN



SISTEM REFRIGERATION



Gbr 1. Sistem kompresi-kran ekspansi

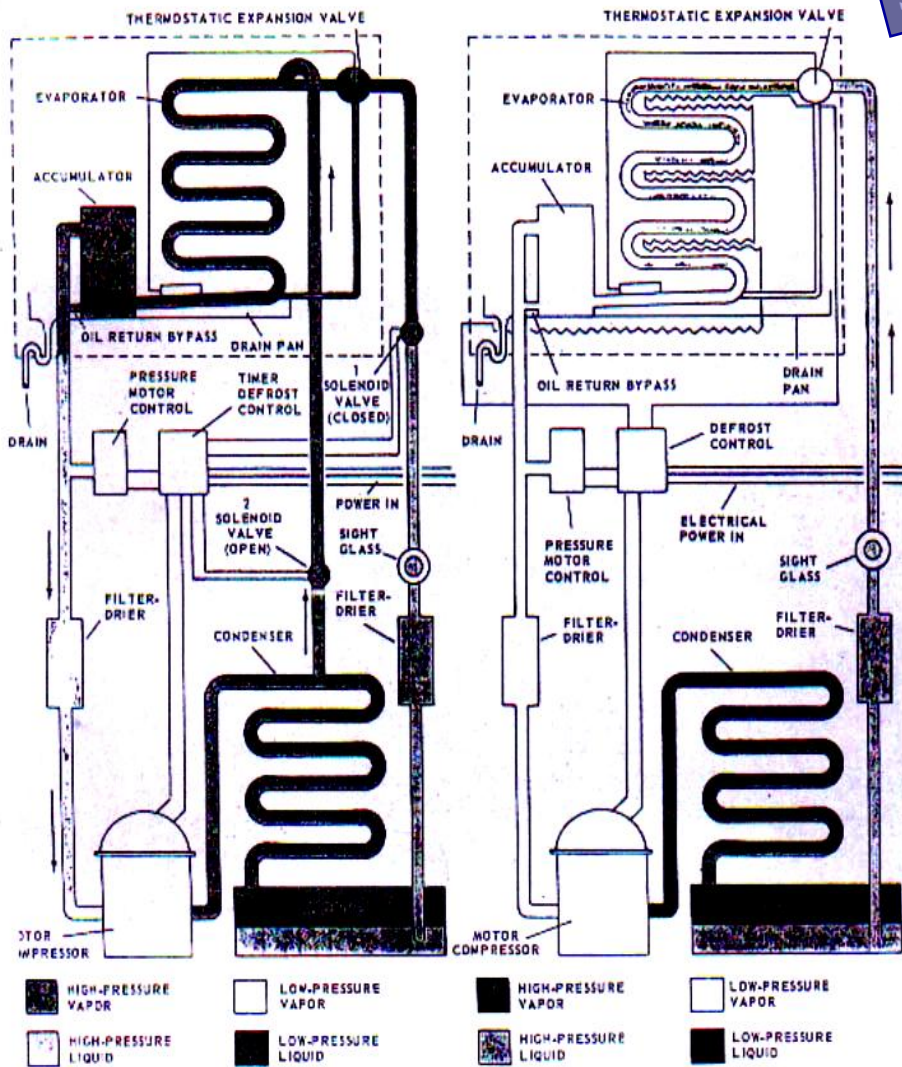
Gbr 2. Sistem kompresi-pipa kapiler



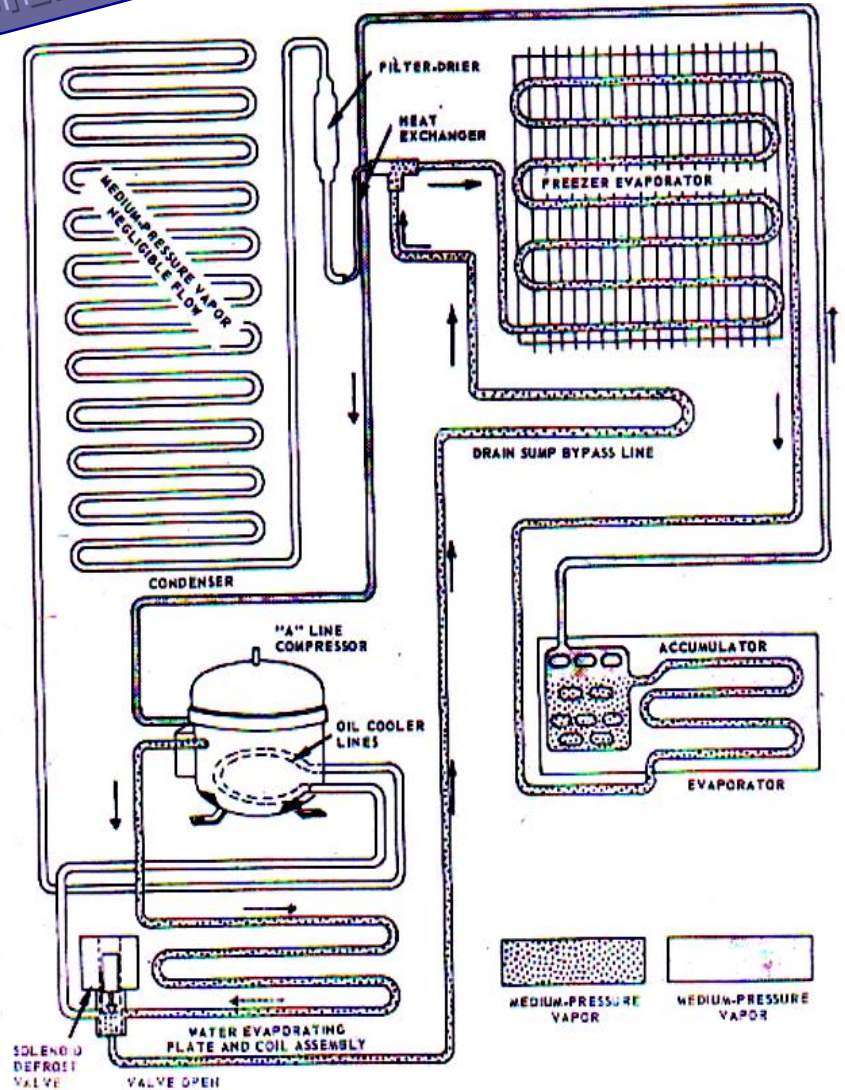


# SISTEM MESIN PENDINGIN

## SISTEM REFRIGERATION



Gbr 3. Sistem defrost

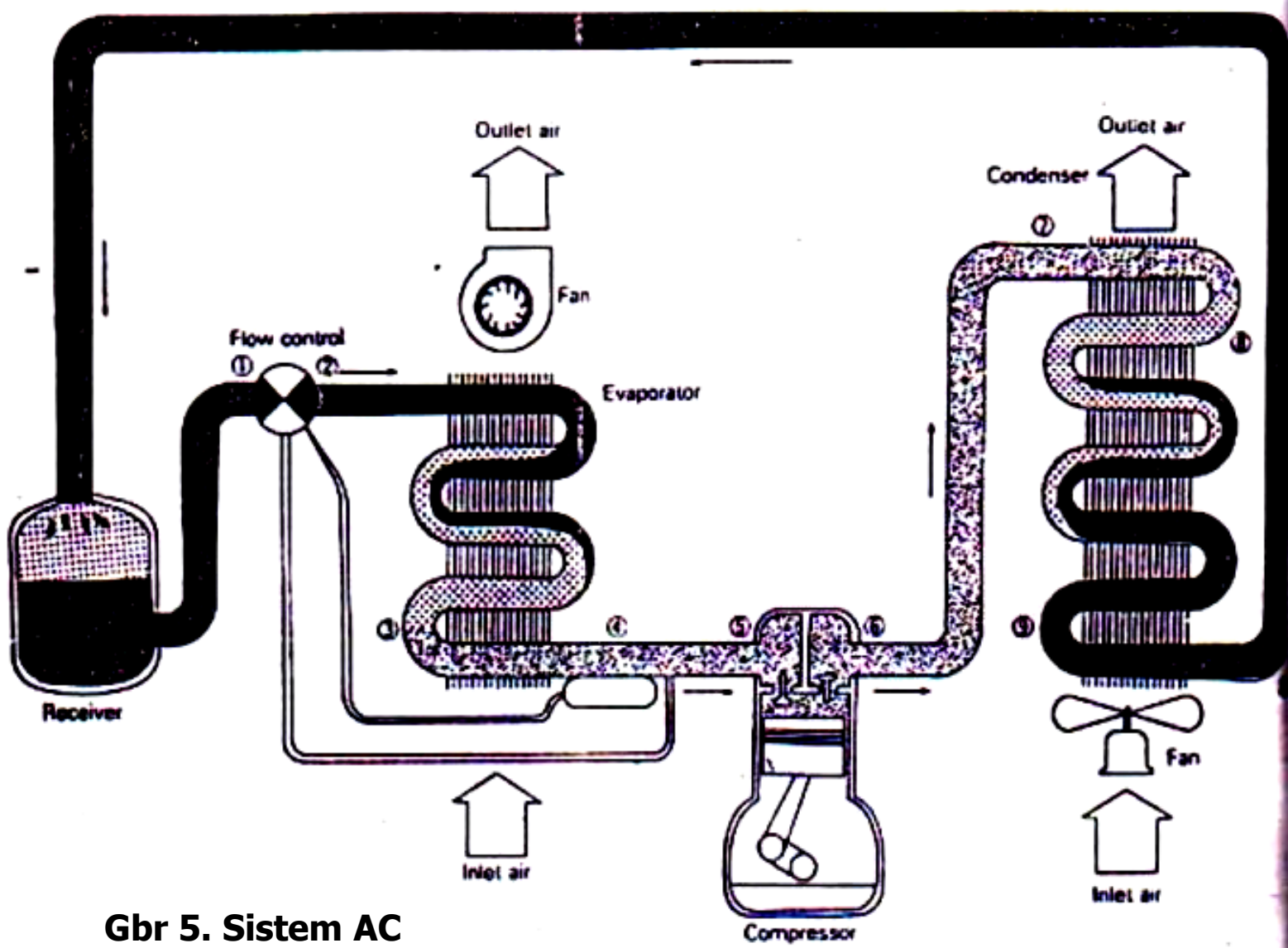


Gbr 4. Sistem defrost gas



# SISTEM MESIN PENDINGIN

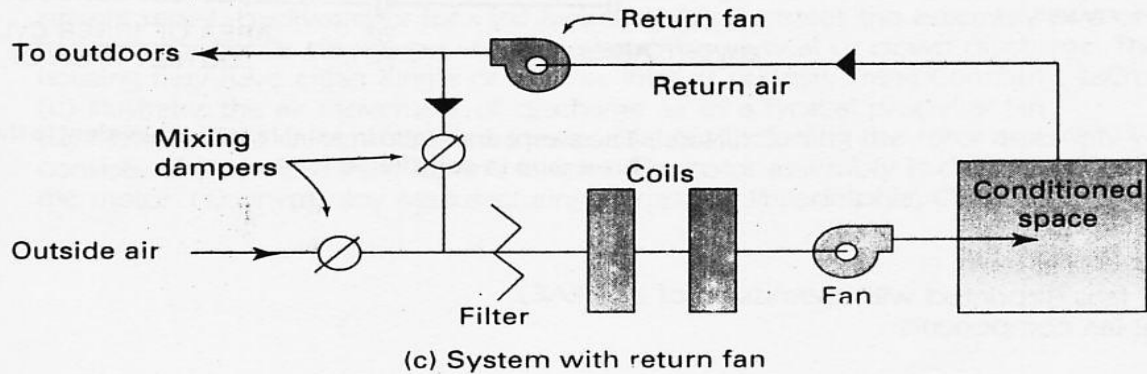
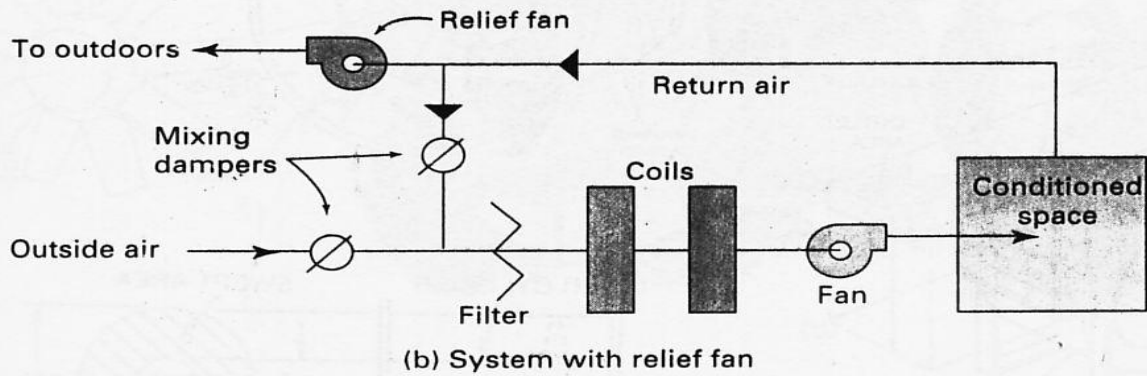
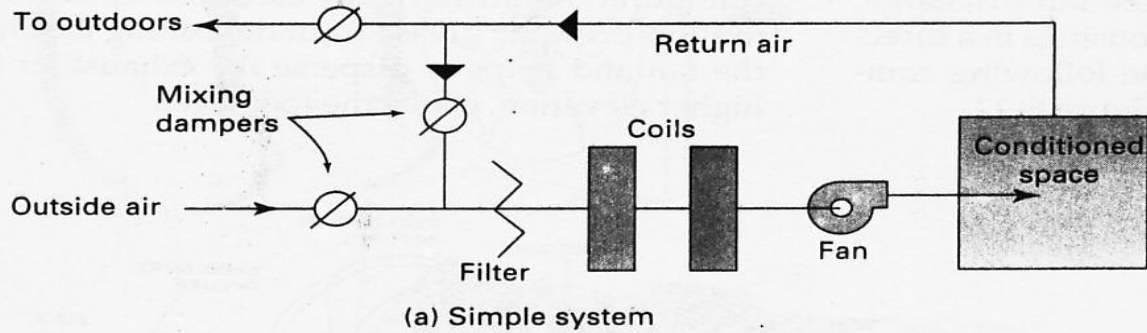
SISTEM AC



Gbr 5. Sistem AC

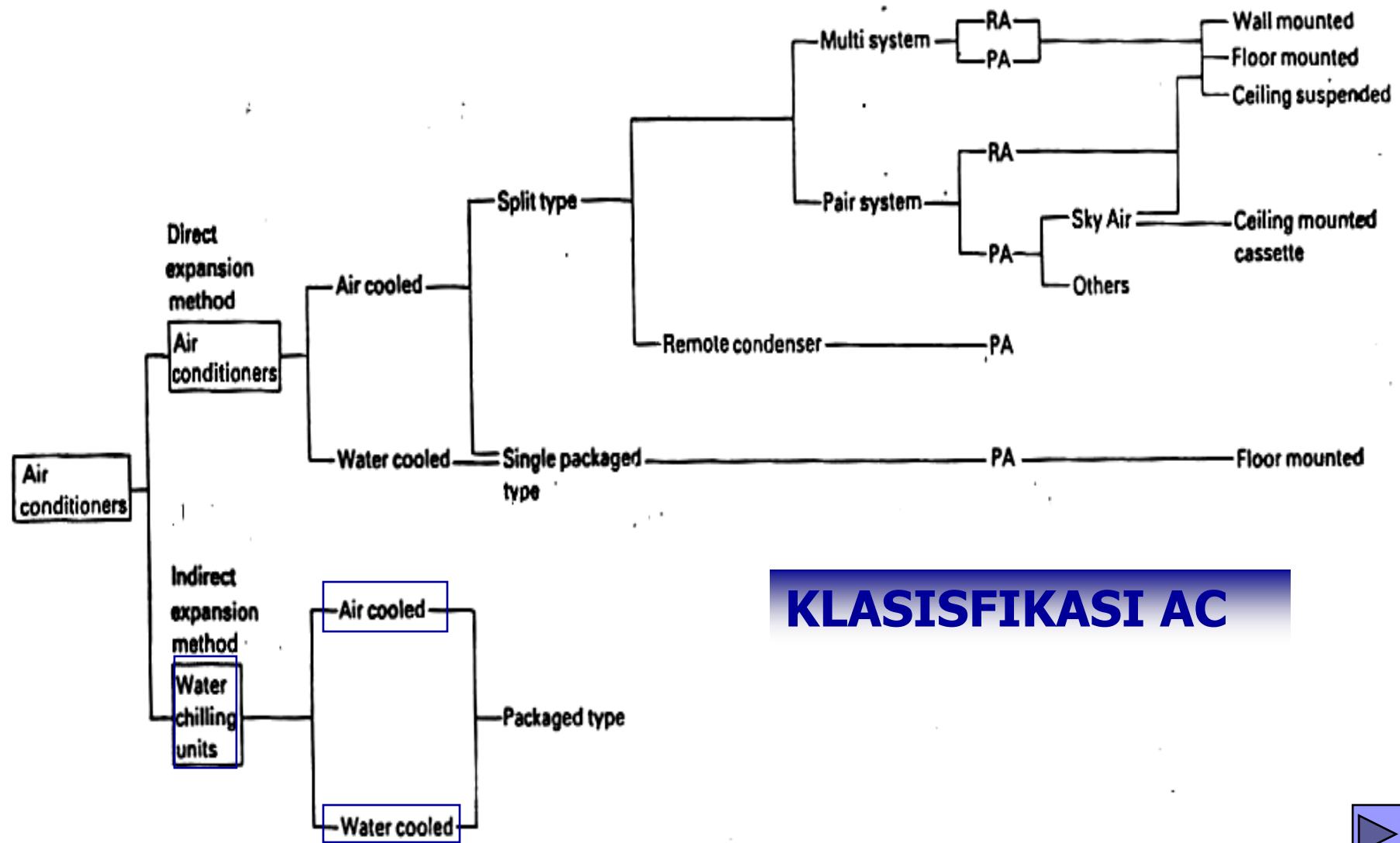


# SISTEM TATA UDARA





Expansion method	Heat rejection	Structure	Location of compressor	RA/PA	Kind of series	Installation method of indoor unit
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# KLASIFIKASI AC



# AIR CONDITIONING



**STANDING FLOOR**



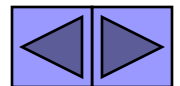
**CEILING MOUNTED DUCT**



**CEILING MOUNTED MULTIFLOW CASSETE**

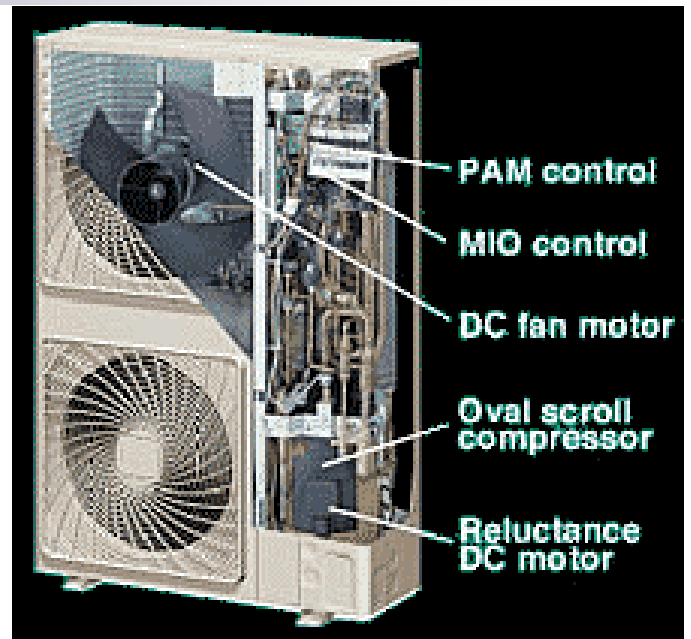
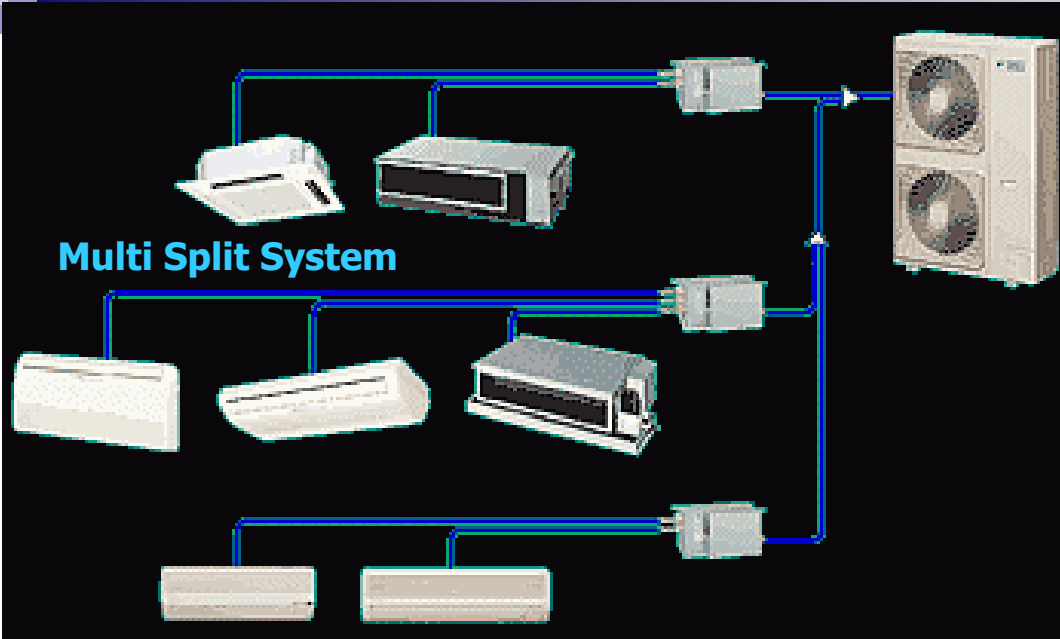


**CEILING suspended CASSETE**

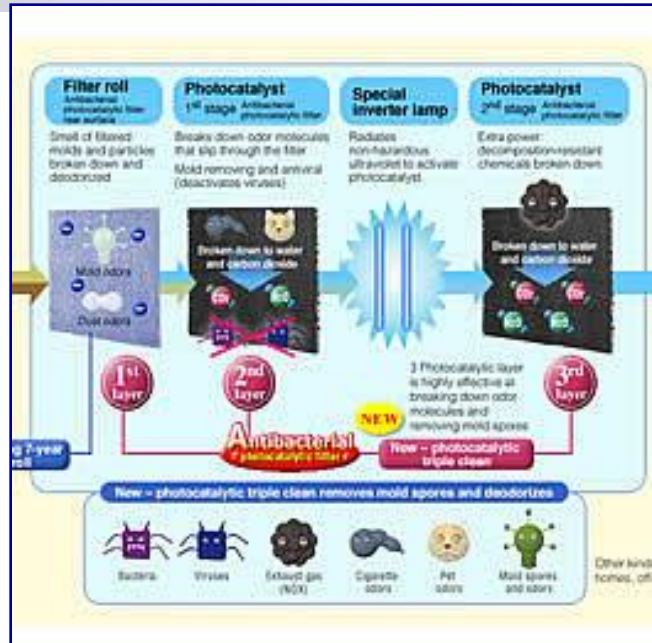
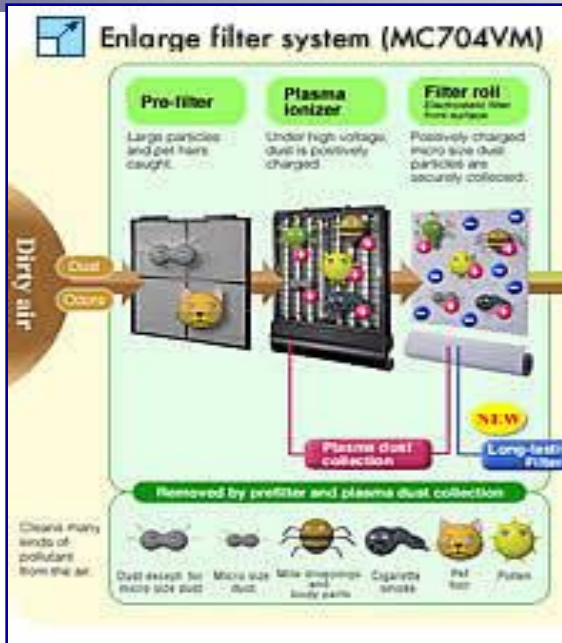




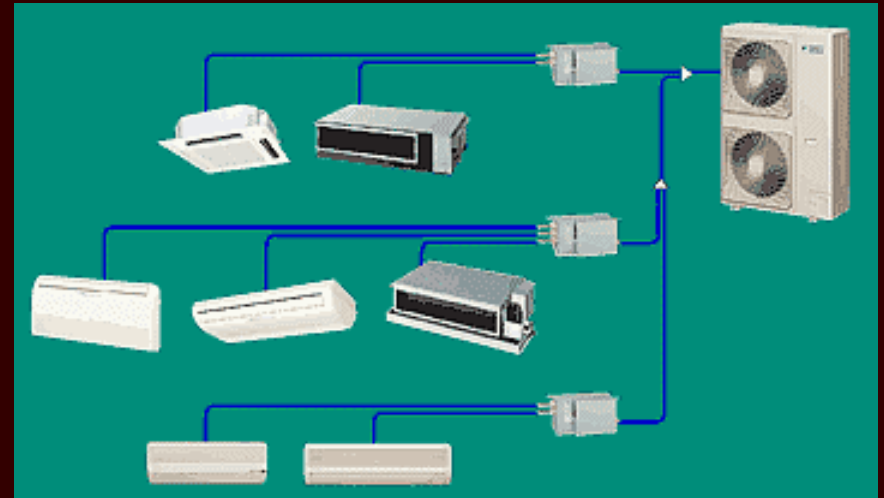
# AIR CONDITIONING



# AIR PURIFIERS

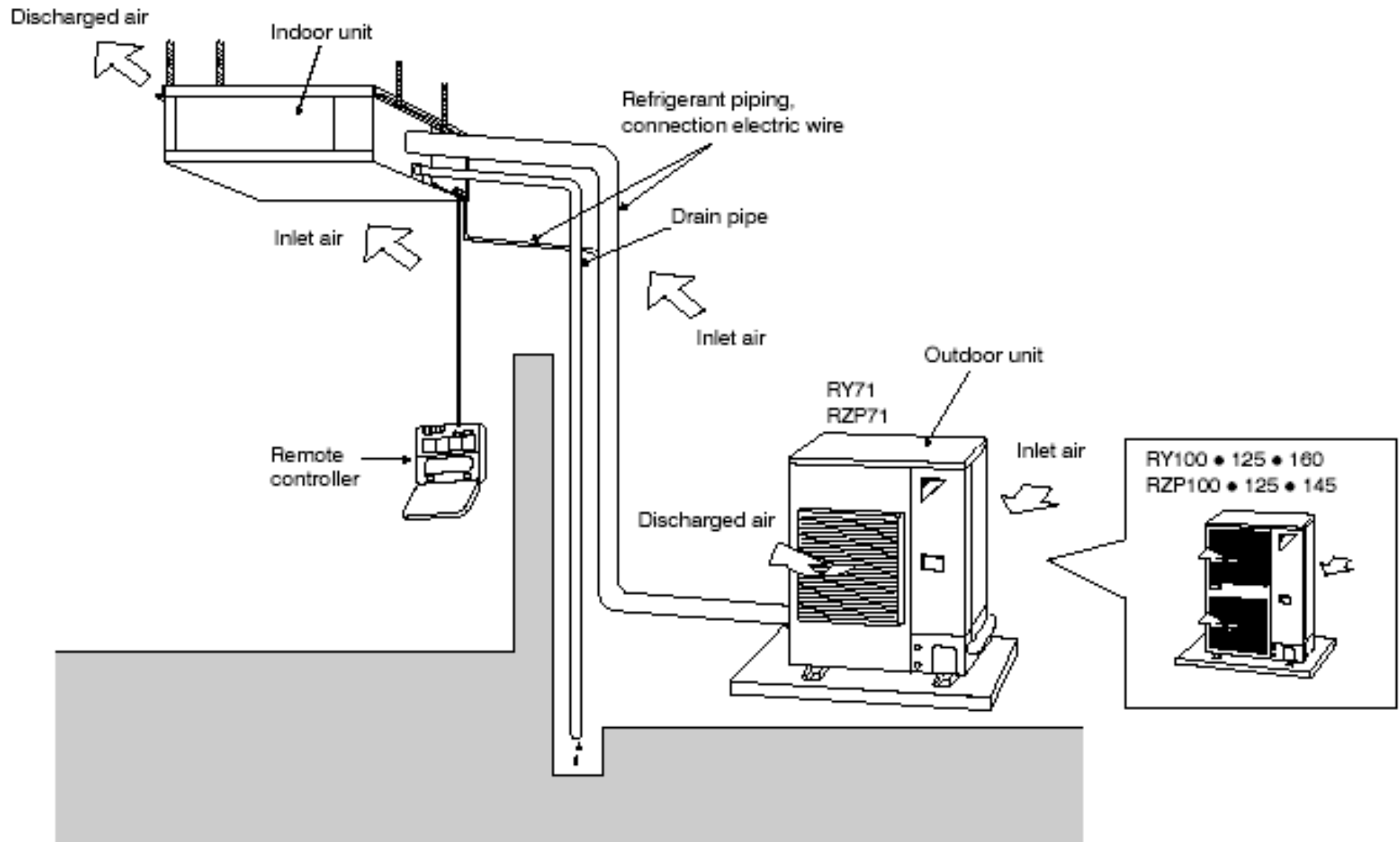


# PEMASANGAN AC 1

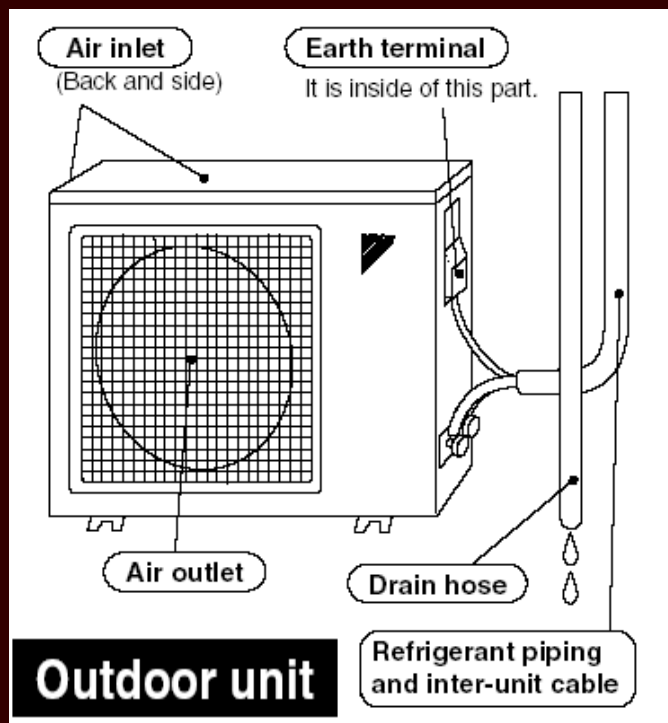




# PEMASANGAN AC 2



# PEMASANGAN AC 3



## Indoor unit

