



A Simple Guide

To The Right Air Conditioning For Your Environment

Commercial Air Conditioning



WALL MOUNTED UNIT

Pros



Neat
Installation



Available in
many designs



Cheapest
option



Heat
and cool

Cons

- Air Supply from 1 aperture so can be drafty
- Requires wall space
- If not on external wall will require a condensate pump
- Need a return air gap at top of unit

FLOOR MOUNTED UNIT

Pros



Low Level
Installation



Good for loft
conversions and
conservatories



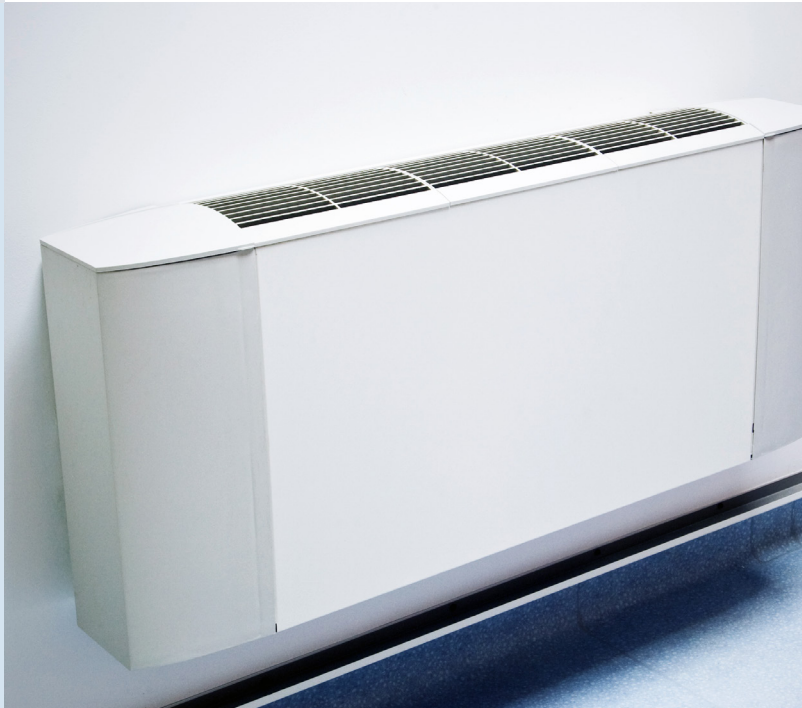
Neat
installation



Heat
and cool

Cons

- More expensive than wall mounts
- Requires a lot of wall space
- Restricts furniture placement
- System design limited
- If not on external wall will required condensate pump



CEILING MOUNTED

Pros

14

High powered
up to 14 kw



Good for large
open plan areas



For use when
no ceiling void



Hard wired 7
day control

Cons

- Large unit, requires high ceilings
- Air Supply from 1 aperture so can be drafty
- All services usually on show so industrial look
- 1 system design.



CEILING CASSETTE

Pros

14

High powered
up to 14 kw



Good for both small
offices and large
open plan areas



For use with ceiling tile
grid or solid
(with access hatches.)



Hard wired 7
day control



Can link into ventilation
system to provide
air exchange



4 way air
distribution

Cons

- Requires ceiling void over 350 mm
- Expensive option

CONCEALED DUCTED

Pros

14

High powered
up to 14 kw



Good for large
open plan offices



Can link into ventilation
system to provide air
exchange



Hard wired 7
day control



For use in ceiling grid
and solid (with access for
plant and maintenance.)



All services and
plant hidden

Cons

- Large access hatches needed
- Large ceiling void required for installation
- Most expensive option
- Lacks individual room control so not suitable for multi rooms
- Labour intensive



TYPICAL APPLICATION OPTIONS

Wall Mount



Office



Residential


Server
Rooms


Restaurants



Retail

Floor Mount



Lofts



Conservatories


Low Ceiling
Offices

Ceiling Mounted



Restaurants



Large Retail


Open Plan
Offices


Industrial

Ceiling Cassettes



Office



Restaurants



Retail



Industrial

Concealed Ducted


Large Open
Plan Offices


Retail



Industrial


Whole House
(From Loft)


SYSTEM TYPES

Single Split:

One Indoor – One Outdoor.
(Individual Control.)

Multi Split:

Up to Five Indoor – One Outdoor.
(One Function for all.)

Heat Pump VRV:

Up to 64 Indoor units – One Outdoor
Unit. (Can be linked for more.)

All Indoors either on heating or
cooling at same time.

Heat Recovery VRV:

Up to 64 Indoor units – One Outdoor
Unit. (Can be linked for more.)

All Indoors can either heat or cool
simultaneously.

