

A Simple Guide

To The Right Air Conditioning For Your Environment

Domestic Air Conditioning

PORTABLE SYSTEM

Pros



Relatively inexpensive



Portable

Cons

- Need to vent through an open window
- Noisy
- Low efficiency

FIXED SYSTEM

Pros



Efficient inverter technology



Low noise levels



Excellent controllability

Cons

- More expensive than portable unit
- Not portable



WALL MOUNTED UNIT

Pros



Neat
Installation



Available in a
number of 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 lofts and
conservatories



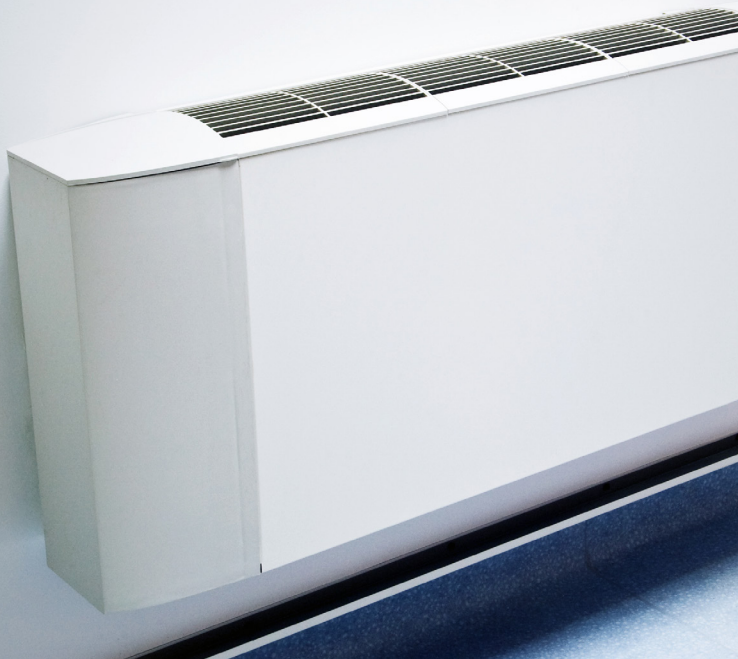
Neat
installation



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



High powered
up to 14 kw



Good for large
open plan areas



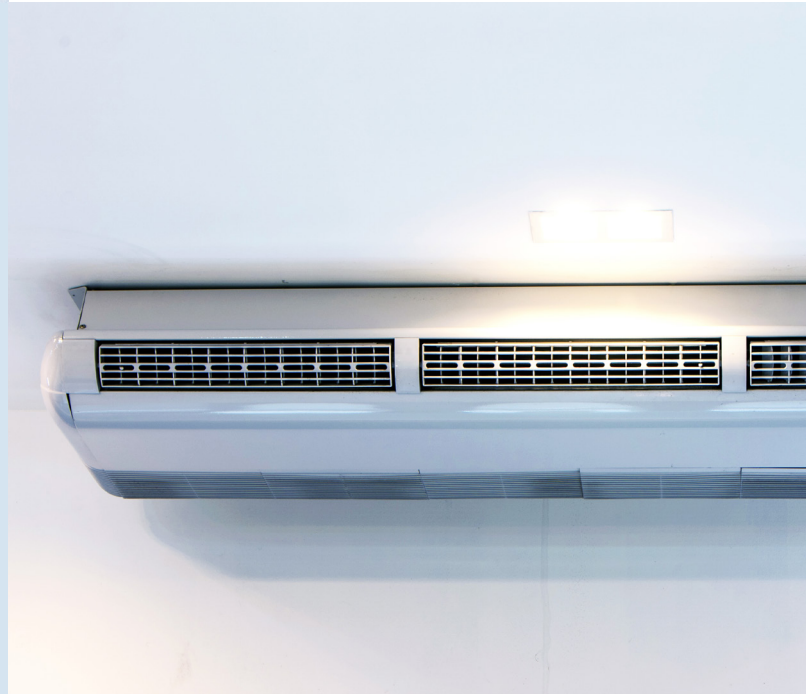
For use when
no ceiling void



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 large
open plan areas



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



Can link into ventilation
system to provide air
exchange



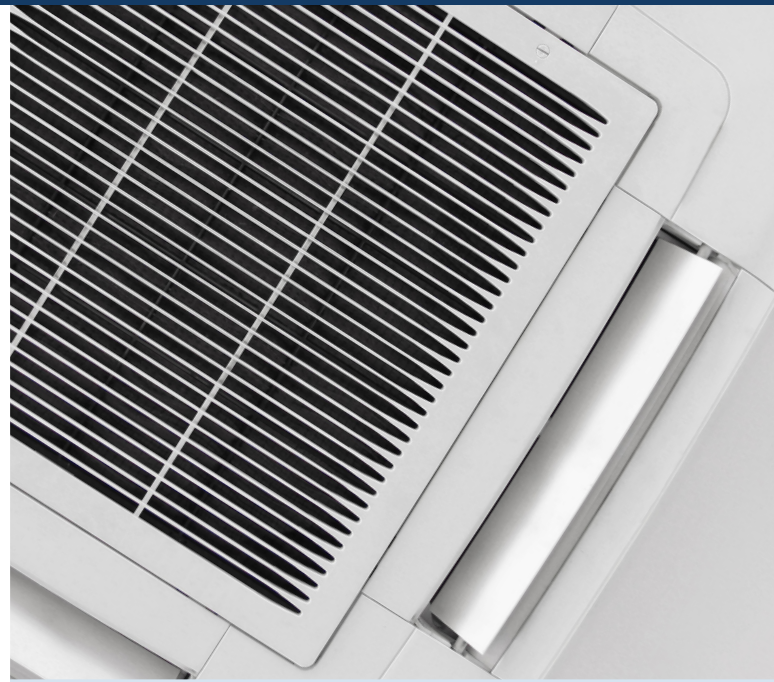
Hard wired
7 day control



4 way air
distribution

Cons

- Requires ceiling void over 350 mm,
- Expensive option,
- Unlikely to look right in a domestic setting



CONCEALED DUCTED

Pros

14

High powered
up to 14 kw



Good for large
open plan areas



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 with very different temperature requirements.



TYPICAL APPLICATION OPTIONS

Wall Mount:



Preferred option for domestic

Floor Mount:



Lofts, Conservatories, Low Ceiling Offices

Ceiling Mounted:



Large Open Plan Area

Ceiling Cassettes:



Large Open Plan Area

Concealed Ducted:



Whole House (From Loft)

SYSTEM TYPES

Single Split:

One Indoor – One Outdoor.
(Individual Control.)

Multi Split:

Up to 5 Indoor units – One Outdoor.

Individual Control, all indoor units
either on heating or cooling at
same time.

Mini VRV:

Up to 13 Indoor units – One
Outdoor Unit.

All Indoor units either on heating or
cooling at same time.