



# *Air Conditioning Systems*

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## Industrial air conditioning system

1. *In Industrial air conditioning, the inside dry bulb temperature and relative humidity of the air is kept constant for proper working of machines and for proper research and manufacturing processes.*

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## Unitary air conditioning system

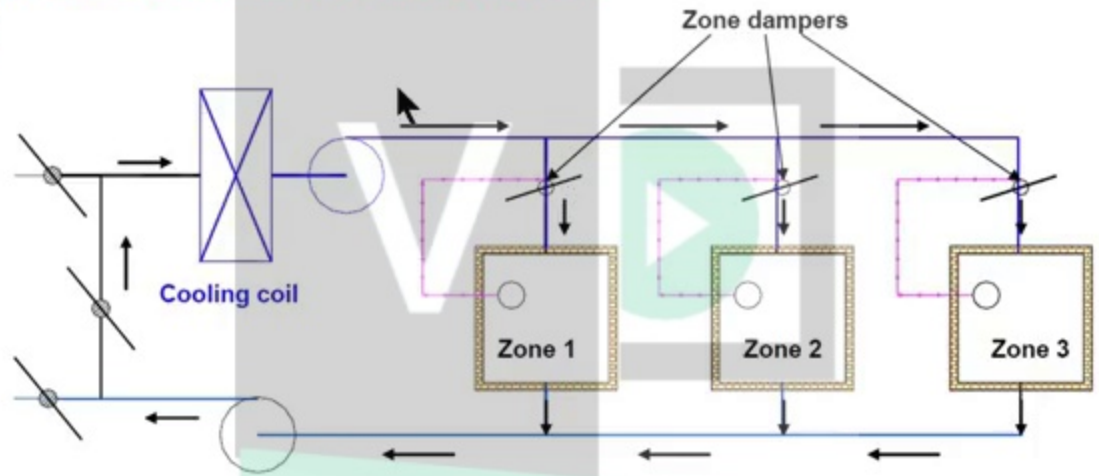
**Vizle** this system, factory assembled air conditioners are installed in or adjacent to the space to be conditioned. These systems are tested as per standard specifications, and are available in the form of package units of varying capacity and type. Each package consists of refrigeration and/or heating units with fans, filters, controls etc. The unitary air conditioning systems are of following two types.

1. *Window units: These are self-contained units of small capacity of 1TR to 3 TR, and are mounted in a window or through the wall. They are employed to condition the air of one room only. If the room is bigger in size, then two or more units are installed.*
2. *Vertical packed units: These are also self-contained units of bigger capacity of 5 to 20 TR and are installed adjacent to the space to be conditioned. This is very useful for conditioning the air of a restaurant, bank or small office.*

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# Variable duct, variable volume systems

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