



HVAC SIMPLIFIED™



HVAC EQUIPMENT SELECTION PARAMETERS



APPLICATION ENGINEER'S
&
DESIGN ENGINEER'S



HVAC – EQUIPMENT SELECTION

DESIGN CRITERIA EQUIPMENT SELECTION

Essential Requirement for any Air Conditioning Equipment are :

- ☐ Ambient Temperature : °F or °C
- ☐ Total Capacity : MBH, BTU or kW
- ☐ Sensible Capacity : MBH, BTU or Kw
- ☐ Supply Air : CFM or L/S
- ☐ Fresh Air : CFM or L/S
- ☐ Entering Coil Temp. : °F or °C
- ☐ Leaving Coil Temp. : °F or °C
- ☐ External Static Pressure : Pa or In.wg
- ☐ Power Supply : V-Ph-Hz



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HVAC – EQUIPMENT SELECTION

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Additional Essential Requirement for Chilled Water Air Conditioning Equipment :

- ❑ Entering Water Temperature : °F or °C
- ❑ Leaving Water Temperature : °F or °C
- ❑ Chilled Water Flow : GPM or L/S



• Air Handling Units



• Chillers

Chilled Water Fan Coil Units, Air Handling Units & Chillers.

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