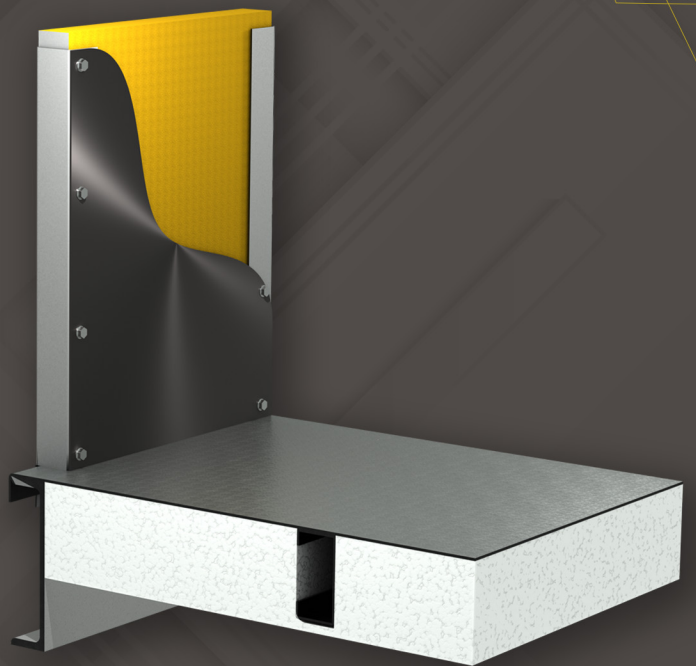


THERMAL INSULATION

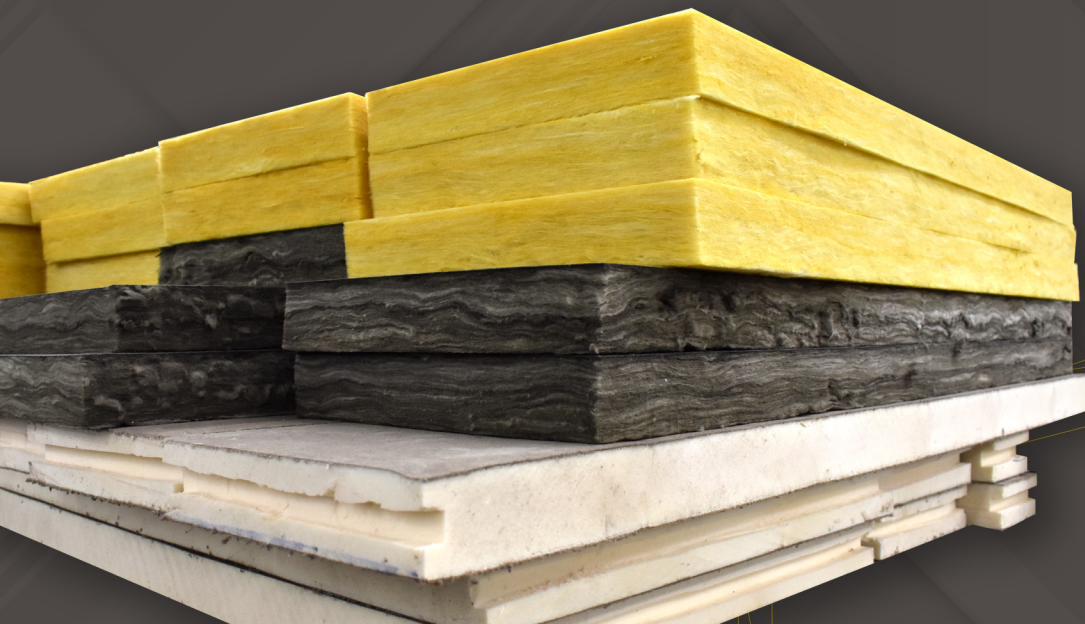
The high cost of energy, as well as the constant search for increased efficiency make it necessary to use thermal insulation to help save energy in any HVAC unit. There are several things to consider when selecting the right thermal insulation such as; location of the unit, external/internal temperatures, corrosion, environment, condensation and components. And all or one of these can affect a units performance.

The placement of correctly selected thermal insulation reduces heat losses or gains which results in considerable energy savings.

A properly insulated air handler will not only reduce energy consumption but help to improve Indoor Air Quality (IAQ) and comfort for the building's occupants in any application.



LET YOUR **ALLIANCE AIR PRODUCTS EXPERT** ASSIST YOU IN SELECTING THE RIGHT THERMAL INSULATION TO FIT YOUR PROJECT'S NEEDS.



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ALLIANCE AIR PRODUCTS INSULATION AND CASING



The unit casing is a double-break, formed panel design providing rigidity while encapsulating insulation. Optional thermal break design is available using a low-thermal conductive neoprene gasket between the interior and exterior metal surfaces to act as a barrier against thermal transmission and preventing sweating.

Standard casing features include:

- 16-gauge, paint grip, galvanized panels
 - 2-inch, 1-1/2 lb/ft³, fiberglass insulation
 - NFPA-90 approved
 - 2" to 4" sprayed foam base insulation
- 8 R-Value
- Reverse double-break panels are provided along the coil sections for easy unbolting during coil removal
- Unit leakage rate less than 1% of total CFM up to 1-1/2 times design static pressure

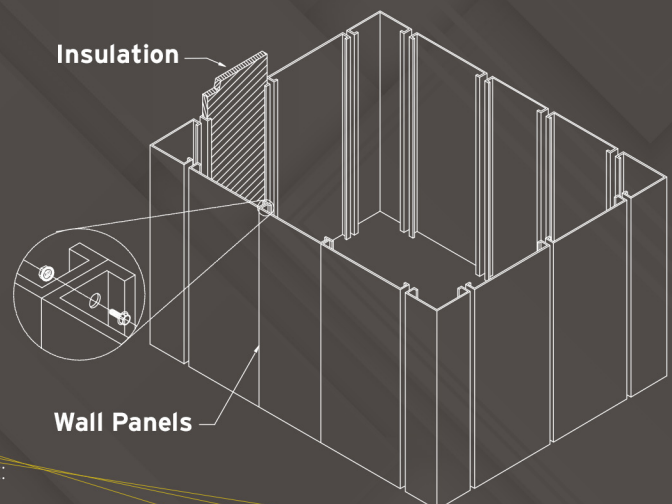


Options include:

- 1" to 4" insulation
- 3lb/ft³ fiberglass
- Foam panel
- Neoprene
- FSK



Special acoustical construction is available including deep treatment sheetrock/fiberglass.



For more information, please contact your local representative or directly at:

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