Outline Dimensional Data

**Horizontal**

![Horizontal Dimensions](Image)

**Vertical**

![Vertical Dimensions](Image)

**Accessory**

![Accessory Dimensions](Image)

**Base**

![Base Dimensions](Image)

**Note:**
- Please: +100 mm for Model using coil of /P, P, and above.
- Pulls add 50 mm length on the individual section width/height if using the 50-mm insulation panel.
- The dimensions are subject to change without any notice for future improvement.

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*The specifications, design and information in this brochure are subject to change without notice.*
"The new DDM Air Handling Unit provides you with the ultimate quality and efficiency."

**FEATURES**

**DDM Air Handling Unit**
The new DDM Air Handling Unit (AHU) is designed to provide adaptability to any domestic or industrial application. Its modular paneling concept is to offer a wide range of units that incorporate features which make economical sense and provide efficient and dependable performance. The basic unit and its complete complement of accessories provide unparalleled flexibility in system arrangements.

**Excellent Thermal Barrier**
The entire framework is insulated and lifted with 25mm or 50mm thick double layer polyurethane foam (PU) insulation panel to create a thermal barrier between the internal and external surfaces. The fibre plastic corner piece gives total thermal barrier support while the 40kg/m³ PU provides optimum insulation.

**Double Skinned**
Insulation panel with 0.8mm high strength pre-painted steel as external skin and 0.5mm GI steel as internal skin.

**The True Flow**
C.O.D. tube coil to provide the optimum balance between air, pressure drop and heat transfer.

**Flexible Joint**
Between fan and discharge frame to prevent the vibration transfer to ducting.

**Taper Lock Pulley**
More compact and easy for maintenance.

**Internal Mount Fan**
Fan and motor on the vibration isolator to minimize the vibration transmission.

**A Complete Line Of Accessories For Maximum Flexibility**
The modular panel concept design enables each unit to be configured to help you make the best possible use of your available space. Depending on their length, each shipping section can accommodate three or more components such as dampers, coils, filters or other accessories that allow a very compact unit that makes the most out of limited space. If space is not a constraint, you can create a large clearance between components for best possible access during maintenance. All DDM AHU Units come with computer selection to help assure maximum performance from coils and fans.

**Improved Indoor Air Quality**
Designed for low maintenance and easy installation, the DDM AHU offers extended coil connectors while it lifts off panels or hinged access doors. Unit sections can be cleaned thoroughly to reduce possible indoor air quality problems. In addition, the stopped and painted galvanized steel cooling coil drain pan reduces the risk of algae and fungus build-up to prevent corrosion.

**Construction**
The high strength extruded aluminium pentapost construction incorporated with injection fibre plastic corner pieces form a rigid frame for the AHU. The external clip method holds the double-skinned PU insulation panel for easy accessibility during maintenance. With the above construction, the frame members are tightly fixed together to provide maximum strength to stand high pressure and prevent air leakage.