



DETAIL 16
Recommended Specification for SLIMDUCT RD Series Lineset Enclosure System. FEBRUARY 1 2024.

All exposed horizontal and vertical linesets for VRF/VRV systems shall be enclosed in a prefabricated sheet metal duct system, adequately sized to accommodate the total number of linesets required without unduly compressing the insulation.

Duct and fittings shall be fabricated from high grade galvanized steel which incorporates a corrosion resistant Triple Hot Dip Zinc, Aluminum, Magnesium coating.

Duct entry points into the building shall be installed to prevent water ingress and sealed after installation to ensure they are waterproof.

Any roof mounted horizontal duct system shall be elevated from the roof surface at a suitable height to permit access to the equipment and shall be adequately supported on correctly sized brackets.

Support brackets shall be free standing and shall not penetrate the roofing membrane, and all plastic components shall be UV resistant.

For duct systems up to 18" from the roof surface, supports shall be Pipe Prop Model RUB-USPP or approved equal.

For duct systems from 18" to 48" from the roof surface, supports shall be Propfoot Model PF-1212 or approved equal.

Where supplementary attachment is required in high wind or hurricane areas, the duct system shall be securely attached to the roof structure by means of curbs at 10 foot intervals.

Vertically mounted duct systems require extra fastening and shall be securely attached to the building strictly in accordance with the manufacturers instructions.

All components shall be transported, stored and installed in accordance with the lineset enclosure manufacturer's instructions.

Vendor shall supply a detailed shop drawing complete with Bill of Materials.

The lineset enclosure system shall be the SLIMDUCT RD SERIES by INABA DENKO or approved equal, as supplied by Marketair Inc. - (732-985-8226, info@marketair.com, www.marketair.com.)

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PROJECT :

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