

MARKETAIR

General Specification for Vertical Installations of RD Standard Series Lineset Enclosures.

June 1, 2025

1. All bolts, screws and expansion bolts used to attach the duct to the vertical surfaces of the building shall be stainless steel, and each one shall be secured with a stainless steel lockwasher. NO GALVANISED FIXINGS SHALL BE USED.
2. All nuts and bolts used to attach the RD duct components to the building surface, including the expansion bolts shall be a minimum of 3/8" (10MM) diameter.
3. Each section of RD-600, RD-450, RD 300 & RD-150 duct, regardless of its length, shall have not less than 4 equally spaced fixing points, situated 2 on the top lower cross strut and 2 on the bottom lower cross strut.
4. When any RD duct is attached flat on the wall surface, (up to 2" off it), the bottom may remain open.
5. When any RD duct is attached remote, i.e. raised more than 2" from the wall surface, the bottom of the duct shall be closed off with a galvanized steel plate to prevent the duct from acting as a sail during high wind conditions.
6. When any RD duct is attached flat on wall surface, (up to 2" off it), an RBK-B spacer kit shall be used in conjunction with the expansion bolts.
7. Flat elbows or tees shall have 5 equally spaced fixing points.
8. The Stainless steel screws and washers supplied as standard with the RD duct to secure the top panel are not suitable for use in vertical applications. Each one shall be discarded and shall be replaced with an RD-HB kit which consists of a longer stainless screw or hex bolt together with a stainless steel washer and a stainless steel lockwasher.
9. Confirm that the building surfaces, (steel, concrete or masonry) to which the RD ducts are to be attached provide a sufficiently stable surface to support the necessary fixings or expansion bolts required.