

# Submittal Data Sheet



## RD Series

Commercial Metal Lineset Enclosures for VRF/VRV Systems on Rooftops & Vertical Building Surfaces

### Project Information:

Job Name: \_\_\_\_\_

Location: \_\_\_\_\_

Engineer: \_\_\_\_\_

Submitted to: \_\_\_\_\_

For:  Reference  Approval  Construction

Submitted by: \_\_\_\_\_

Reference: \_\_\_\_\_

### Submittal Information:

Approval: \_\_\_\_\_

Date: \_\_\_\_\_

Construction: \_\_\_\_\_

Unit #: \_\_\_\_\_

Drawing #: \_\_\_\_\_

### (Section 1) Product Specifications:

#### MATERIAL

**HIGH GRADE CORROSION RESISTANT HOT DIP GALVANIZED STEEL SHEET ZAM**  
(Coating layer of Zinc, 6% Aluminum, and 3% Magnesium)

Surface Treatment	Hot Dipped ZAM Coating
Salt Tolerance	Salt Resistant Specification
Coating Volume	0.62 oz./ft <sup>2</sup> per side
Tensile Strength	More than 39,885 psi
Stretch	More than 28%

#### Triple hot dipped protection.

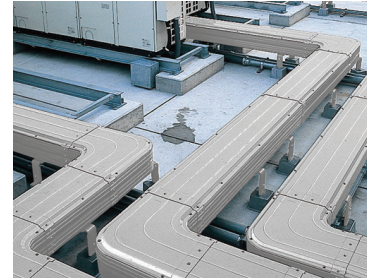
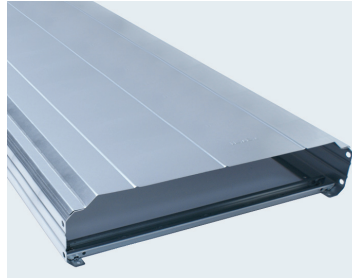
RD ducts and fittings feature ZAM<sup>®</sup> brand hot dip coating for excellent durability. ZAM<sup>®</sup> features three layers of protection – zinc, aluminum and magnesium.

#### Superior corrosion & scratch resistance.

RD/ZAM hot coated steel sheet delivers corrosion resistance 10 to 20 times greater than that of ordinary galvanized steel sheet and 5 to 8 times more than zinc-aluminum alloy coated steel sheet when subjected to accelerated spray salt testing. ZAM<sup>®</sup> coating provides better scratch resistance.

Tough ZAM<sup>®</sup> coating out performs galvanized steel. Stainless steel duct & fittings are available by special order only. Optional anti-slip walking surface is available for select RD duct and fittings.

### (Figure 1) Product Images:



### (Section 2) Dimensions and Availability:

Duct Series	Width	Height	Stock/Non-Stock
RD-300	11.875"	5.125"	Stock
RD-450	17.75"	5.125"	Stock
RD-600	23.625"	5.125"	Stock
RD-900	35.375"	5.125"	Non-Stock

### (Section 3)

#### MAXIMUM LOAD FOR DUCT BASE AND SUPPORTS

DUCT SIZE	AVAILABILITY	RD SERIES CAPACITY PER 78" LENGTH (LBS.)	
		SUPPORTS SPACED AT 78"	SUPPORTS SPACED AT 39"
RD-150-6"	NS	2,110	2,821
RD-300-12"	S	883	1,187
RD-450-18"	S	572	775
RD-600-24"	S	413	565
RD-900-36"	SO	247	349
RD-300H-12"	NS	865	1,163
RD-450H-18"	NS	560	763
RD-600H-24"	NS	401	553
RD-900H-36"	SO	501	691

### (Section 4)

#### MAXIMUM LOAD FOR DUCT COVER

DUCT SERIES	COVER LOADING
	LBS. PER SQ. FT.
STANDARD SERIES	102.4

### (Section 5)

#### METAL THICKNESS OF RD SERIES

DUCT SIZE	STANDARD THICKNESS		
	DUCT BASE	BOTTOM BRIDGE	DUCT COVER
150	0.05"	0.06"	0.04"
300-450-600-900 300H-450H-600H-900H	0.06"		

**S=Stock Item** **NS=Non-Stock Item** **SO=Special Order**  
6 WEEKS DELIVERY 16 WEEKS DELIVERY

Marketair's products are subject to continuous improvements and Marketair reserves the right to modify product design specifications & information in this data sheet without notice and without incurring any obligations.

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