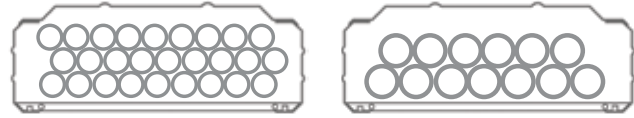


# RD Series

# Specifications & Technical Information

## Maximum Lineset Capacity

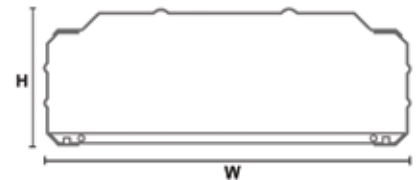


Duct Series Model type	Insulation Thickness		Tubing Diameter (Liquid) (Gas) in inches										
	Liquid	Gas	(3/8) (5/8)	(3/8) (3/4)	(1/2) (1)	(1/2) (1 1/8)	(5/8) (1 1/8)	(5/8) (1 1/4)	(3/4) (1 1/4)	(3/4) (1 1/2)	(7/8) (1 1/2)	(7/8) (1 5/8)	
RD300	1/2"	1/2"	8	8	5	5	5	4	4	3	3	3	
	1/2"	3/4"	5	4	3	3	3	2	2	2	2	2	
RD450	1/2"	1/2"	12	11	9	9	7	7	6	5	5	5	
	1/2"	3/4"	9	8	7	6	6	4	4	3	3	3	
RD600	1/2"	1/2"	19	17	13	13	12	10	10	8	8	6	
	1/2"	3/4"	10	9	8	7	7	6	6	5	4	4	
RD900	1/2"	1/2"	25	24	19	18	16	14	14	10	10	8	
	1/2"	3/4"	18	16	14	13	12	8	8	6	6	6	

Table calculations utilize 75% area fill for linesets. Additional free area should be considered for complex installations.

## Dimensions and Availability

Duct Series	Width (inches)	Height (inches)	In-Stock	Special Order
RD300	11 7/8"	5 1/8"	●	
RD450	17 3/4"	5 1/8"	●	
RD600	23 5/8"	5 1/8"	●	
RD900	35 3/8"	5 1/8"		●



In-Stock items are warehoused in Fall River, MA. For special order RD Series sizes or RDWK Walkway Styles, allow 16 weeks delivery time.

## Maximum Load Capacity for Duct Base & Brackets

Duct Series	3ft. 3in. Bracket Spacing	6ft. 6.5in. Bracket Spacing
RD300	1187 lbs./ft.	883 lbs./ft.
RD450	775 lbs./ft.	572 lbs./ft.
RD600	565 lbs./ft.	413 lbs./ft.
RD900	349 lbs./ft.	248 lbs./ft.

### Maximum Duct Cover Load:

**Type RD - standard**

102.40 lbs./sq. ft. or less.

**Type RDWK - walkway**

1024 lbs./sq. ft. or less.

## Maximum Load Capacity for Brackets Only

When brackets are fastened with 4 bolts tightened to the torque specification in column 1, column 2 (below) shows the maximum allowable load before the bracket / riser combination will shift and fail.

Torque (column 1)	Shift Starting Load (column 2)
21.70 lbs./ft.	1432.93 lbs./ft.