SERIES L-RD-CP 16X12 20X12 - 20X20 24X20

STEEL CONSTRUCTION
RADIAL PATTERN - 16X12 20X12

Neck Size (IN)	FPM Neck Velocity	300	400	500						
	Velocity Pressure (in H2O)	0,006	0,010	0,016						
6	CFM	57	76	95						
	Total Pressure	0,025	0,026	0,039						
	NC		20	24						
	Throw (ft)	1 - 3 - 5	2 - 3 - 5	2 - 3 - 6						

Neck Size (IN)	FPM Neck Velocity	300	400	500	600					
	Velocity Pressure (in H2O)	0,006	0,010	0,016	0,022					
8	CFM	102	135	169	203					
	Total Pressure	0,032	0,034	0,047	0,07					
	NC	20	23	25	27					
	Throw (ft)	2 - 3 - 5	3 - 3 - 5	2 - 3 - 7	3 - 4 - 7					

RADIAL PATTERN - 20X20 24X20

Neck Size (IN)	FPM Neck Velocity	300	400	500						
	(in H2O)	0,006	0,010	0,016						
6	CFM	57	76	95						
	Total Pressure	0,025	0,026	0,039						
	NC		20	23						
	Throw (ft)	1 - 4 - 6	2 - 4 - 7	2 - 5 - 9						

Neck Size (IN)	FPM Neck Velocity	300	400	500	600					
	(in H2O)	0,006	0,010	0,016	0,022					
8	CFM	102	135	169	203					
	Total Pressure	0,03	0,031	0,04	0,055					
	NC		20	23	25					
	Throw (ft)	2 - 3 - 7	3 - 3 - 8	2 - 3 - 9	3 - 5 - 9					

Neck Size (IN)	FPM Neck Velocity		400	500	600	700	800			
	(in H2O)		0,010	0,016	0,022	0,031	0,040			
10	CFM		212	265	317	370	423			
	Total Pressure		0,03	0,041	0,052	0,07	0,102			
	NC		20	23	25	27	31			
	Throw (ft)		3 - 3 - 8	2 - 3 - 11	2 - 5 - 12	2 - 7 - 13	2 - 9 - 14			

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SERIES L-RD-CP 24X36

STEEL CONSTRUCTION
RADIAL PATTERN - 24X36

Neck Size (IN)	FPM Neck Velocity	300	400	500	600	700	800	1000		
	Velocity Pressure (in H2O)	0,006	0,010	0,016	0,022	0,031	0,040	0,062		
6	CFM	57	76	95	114	133	152	215		
	Total Pressure	0,015	0,019	0,03	0,048	0,06	0,09	0,11		
	NC	-	-	-	20	24	30	33		
	Throw (ft)	1 - 3 - 5	1 - 2 - 4	2 - 3 - 5	2 - 4 - 6	3 - 5 - 7	3 - 6 - 7	4 - 7 - 10		

Neck Size (IN)	FPM Neck Velocity	300	400	500	600	700	800	1000		
	Velocity Pressure (in H2O)	0,006	0,010	0,016	0,022	0,031	0,040	0,062		
8	CFM	102	135	169	203	237	271	339		
	Total Pressure	0,03	0,044	0,066	0,081	0,109	0,18	0,21		
	NC	-	-	20	24	30	33	36		
	Throw (ft)	2 - 3 - 5	2 - 3 - 5	2 - 3 - 7	3 - 4 - 7	3 - 5 - 9	4 - 5 - 9	5 - 7 - 11		

Neck Size (IN)	FPM Neck Velocity		400	500	600	700	800	1000		
	Velocity Pressure (in H2O)		0,010	0,016	0,022	0,031	0,040	0,062		
10	CFM		212	265	317	370	423	529		
	Total Pressure		0,062	0,112	0,142	0,184	0,25	0,32		
	NC		22	24	28	33	36	40		
	Throw (ft)		3 - 4 - 8	4 - 5 - 10	4 - 6 - 10	5 - 8 - 12	6 - 8 - 12	8 - 9 - 13		

Neck Size (IN)	FPM Neck Velocity			500	600	700	800	1000		
	Velocity Pressure (in H2O)			0,016	0,022	0,031	0,040	0,062		
12	CFM			381	457	533	609	762		
	Total Pressure			0,125	0,262	0,337	0,548	0,32		
	NC			28	33	36	38	40		
	Throw (ft)			5 - 6 - 11	5 - 8 - 14	6 - 9 - 14	7 - 9 - 16	8 - 9 - 13		

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SERIES L-RD-CP 24X40

STEEL CONSTRUCTION
RADIAL PATTERN 24X40

Neck Size (IN)	FPM Neck Velocity	400	500	600	700					
	Velocity Pressure (in H2O)	0,010	0,016	0,022	0,031					
6	CFM	76	95	114	133					
	Total Pressure	0,024	0,038	0,056	0,068					
	NC	-	-	-	-					
	Throw (ft)	2 - 3 - 5	2 - 3 - 6	3 - 4 - 6	3 - 5 - 7					

Neck Size (IN)	FPM Neck Velocity	400	500	600	700	800				
	Velocity Pressure (in H2O)	0,010	0,016	0,022	0,031	0,040				
8	CFM	76	95	114	133	152				
	Total Pressure	0,03	0,046	0,068	0,086	0,115				
	NC	-	-	-	27	31				
	Throw (ft)	3 - 3 - 5	2 - 3 - 7	3 - 4 - 7	3 - 5 - 9	4 - 5 - 9				

Neck Size (IN)	FPM Neck Velocity	400	500	600	700	800	1000			
	Velocity Pressure (in H2O)	0,010	0,016	0,022	0,031	0,040	0,062			
10	CFM	76	95	114	133	152	190			
	Total Pressure	0,044	0,066	0,114	0,148	0,189	0,3			
	NC	-	21	29	36	38	42			
	Throw (ft)	3 - 4 - 8	4 - 5 - 10	4 - 6 - 10	5 - 8 - 12	6 - 8 - 12	8 - 9 - 13			

Neck Size (IN)	FPM Neck Velocity	400	500	600	700	800	1000			
	Velocity Pressure (in H2O)	0,010	0,016	0,022	0,031	0,040	0,062			
12	CFM	76	95	114	133	152	190			
	Total Pressure	0,096	0,122	0,138	0,272	0,355	0,558			
	NC	25	32	36	41	45	50			
	Throw (ft)	4 - 6 - 10	5 - 6 - 11	5 - 8 - 14	6 - 9 - 14	7 - 9 - 16	10 - 12 - 16			

Neck Size (IN)	FPM Neck Velocity		500	600	700	800	1000			
	Velocity Pressure (in H2O)		0,016	0,022	0,031	0,040	0,062			
14	CFM		95	114	133	152	190			
	Total Pressure		0,205	0,284	0,41	0,519	0,777			
	NC		32	36	41	45	50			
	Throw (ft)		6 - 7 - 13	6 - 8 - 15	7 - 10 - 15	8 - 11 - 17	11 - 14 - 18			

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SERIES L-RD-CP 24X48

STEEL CONSTRUCTION
RADIAL PATTERN 24X48

Neck Size (IN)	FPM Neck Velocity		500	600	700	800	1000	1100		
	Velocity Pressure (in H2O)		0,016	0,022	0,031	0,040	0,062	0,075		
6	CFM		95	114	133	152	190	210		
	Total Pressure		0,038	0,056	0,068	0,101	0,13	0,152		
	NC		-	-	-	20	24	30		
	Throw (ft)		2 - 3 - 6	3 - 4 - 6	3 - 5 - 7	4 - 6 - 8	5 - 7 - 11	5 - 7 - 12		

Neck Size (IN)	FPM Neck Velocity		500	600	700	800	1000	1100		
	Velocity Pressure (in H2O)		0,016	0,022	0,031	0,040	0,062	0,075		
8	CFM		169	203	237	271	339	372		
	Total Pressure		0,046	0,068	0,086	0,115	0,184	0,218		
	NC		-	-	27	31	38	41		
	Throw (ft)		2 - 3 - 8	3 - 4 - 9	3 - 5 - 10	4 - 5 - 10	5 - 7 - 12	5 - 7 - 13		

Neck Size (IN)	FPM Neck Velocity	400	500	600	700	800	1000	1100		
	Velocity Pressure (in H2O)	0,010	0,016	0,022	0,031	0,040	0,062	0,075		
10	CFM	212	265	317	370	423	529	582		
	Total Pressure	0,044	0,066	0,114	0,148	0,189	0,3	0,359		
	NC	-	21	29	36	38	42	44		
	Throw (ft)	3 - 4 - 8	4 - 5 - 10	4 - 6 - 10	5 - 8 - 12	6 - 8 - 12	8 - 9 - 13	8 - 9 - 14		

Neck Size (IN)	FPM Neck Velocity	400	500	600	700	800	1000	1100		
	Velocity Pressure (in H2O)	0,010	0,016	0,022	0,031	0,040	0,062	0,075		
12	CFM	305	381	457	533	609	762	838		
	Total Pressure	0,044	0,068	0,078	0,09	0,1	0,105	0,116		
	NC	22	32	36	41	45	50	53		
	Throw (ft)	4 - 6 - 10	5 - 6 - 11	5 - 8 - 14	6 - 9 - 14	7 - 9 - 16	10 - 12 - 16	10 - 13 - 18		

Neck Size (IN)	FPM Neck Velocity		500	600	700	800	1000	1100		
	Velocity Pressure (in H2O)		0,016	0,022	0,031	0,040	0,062	0,075		
14	CFM		518	622	726	830	1037	1141		
	Total Pressure		0,07	0,083	0,095	0,108	0,11	0,12		
	NC		38	42	49	54	60	60		
	Throw (ft)		6 - 7 - 15	6 - 8 - 18	7 - 10 - 19	8 - 11 - 20	11 - 14 - 22	11 - 14 - 24		

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SERIES L-RD-CP 24X48

STEEL CONSTRUCTION
RADIAL PATTERN 24X48

Neck Size (IN)	FPM Neck Velocity	400	500	600	700	800	1000	1100		
	Velocity Pressure (in H2O)	0,010	0,016	0,022	0,031	0,040	0,062	0,075		
16	CFM	542	677	813	948	1084	1354	1490		
	Total Pressure	0,09	0,11	0,12	0,13	0,13	0,14	0,14		
	NC	22	25	28	32	35	40	45		
	Throw (ft)	7 - 9 - 14	6 - 7 - 15	6 - 8 - 18	7 - 10 - 19	8 - 11 - 20	11 - 14 - 22	11 - 14 - 24		

Neck Size (IN)	FPM Neck Velocity		500	600	700	800	1000	1100		
	Velocity Pressure (in H2O)		0,016	0,022	0,031	0,040	0,062	0,075		
18	CFM		857	1028	1200	1371	1714	1886		
	Total Pressure		0,16	0,19	0,23	0,26	0,32	0,36		
	NC		40	44	50	56	63	63		
	Throw (ft)		10 - 13 - 18	12 - 14 - 20	14 - 18 - 23	14 - 20 - 25	17 - 22 - 27	17 - 22 - 27		

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SERIES L-RD-CP 32X60

STEEL CONSTRUCTION
RADIAL PATTERN 32X60

Neck Size (IN)	FPM Neck Velocity		500	600	700	800	1000	1100	1200	1400
	Velocity Pressure (in H2O)		0,016	0,022	0,031	0,040	0,062	0,075	0,090	0,122
10	CFM		265	317	370	423	529	582	635	741
	Total Pressure		0,066	0,079	0,092	0,106	0,132	0,145	0,158	0,185
	NC		28	32	35	39	42	44	46	55
	Throw (ft)		4 - 5 - 10	4 - 6 - 10	5 - 8 - 12	6 - 8 - 12	8 - 9 - 13	8 - 9 - 14	8 - 10 - 14	9 - 11 - 16

Neck Size (IN)	FPM Neck Velocity		500	600	700	800	1000	1100	1200	1400
	Velocity Pressure (in H2O)		0,016	0,022	0,031	0,040	0,062	0,075	0,090	0,122
12	CFM		381	457	533	609	762	838	914	1067
	Total Pressure		0,122	0,146	0,171	0,195	0,244	0,268	0,293	0,342
	NC		32	35	39	42	44	46	55	57
	Throw (ft)		5 - 6 - 11	5 - 8 - 14	6 - 9 - 14	7 - 9 - 16	10 - 12 - 16	10 - 13 - 18	11 - 12 - 19	11 - 12 - 19

Neck Size (IN)	FPM Neck Velocity		500	600	700	800	1000	1100	1200	1400
	Velocity Pressure (in H2O)		0,016	0,022	0,031	0,040	0,062	0,075	0,090	0,122
14	CFM		518	622	726	830	1037	1141	1244	1452
	Total Pressure		0,124	0,149	0,174	0,198	0,248	0,273	0,298	0,347
	NC		35	39	42	44	46	55	57	60
	Throw (ft)		6 - 7 - 13	6 - 8 - 15	7 - 10 - 15	8 - 11 - 17	11 - 14 - 18	11 - 14 - 18	11 - 14 - 18	11 - 14 - 18

Neck Size (IN)	FPM Neck Velocity		500	600	700	800	1000	1100	1200	1400
	Velocity Pressure (in H2O)		0,016	0,022	0,031	0,040	0,062	0,075	0,090	0,122
16	CFM		677	813	948	1084	1354	1490	1625	1896
	Total Pressure		0,15	0,18	0,21	0,24	0,30	0,33	0,36	0,42
	NC		39	42	44	46	55	57	60	61
	Throw (ft)		8 - 10 - 15	9 - 11 - 17	11 - 14 - 18	13 - 16 - 19	15 - 16 - 21	15 - 16 - 21	15 - 16 - 21	15 - 16 - 21

Neck Size (IN)	FPM Neck Velocity		500	600	700	800	1000	1100	1200	1400
	Velocity Pressure (in H2O)		0,016	0,022	0,031	0,040	0,062	0,075	0,090	0,122
18	CFM		857	1028	1200	1371	1714	1886	2057	2400
	Total Pressure		0,17	0,20	0,24	0,27	0,34	0,37	0,41	0,48
	NC		40	44	50	56	63	63	63	63
	Throw (ft)		10 - 13 - 18	12 - 14 - 20	14 - 18 - 23	14 - 20 - 25	17 - 22 - 27	17 - 22 - 27	17 - 22 - 27	17 - 22 - 27

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