Recommended velocity is 3200 FPM - Pressure drop .8". The unit can be applied to higher velocities but the pressure will jump exponentially to 2.8" if run at 4500 FPM

Spark Trap Cleanout Instructions

It is important that debris is not allowed to build up inside the Spark Trap so that it inhibits airflow or provides fuel for possible ignition. To avoid this, routine maintenance must be performed to clean out the trap. When installing the Spark Trap, position it in a location that is easily accessible and so that the clean-out door is near (but not directly at) the bottom of the ducting. This causes any debris to collect near the door for easy cleaning.

When the Spark Trap is first installed, open and inspect it after the first 24, 36, and 48 hours of operation to gauge how much debris is being collected. Once this is determined, use it to schedule regular clean outs.

Spark Trap Dimensions (in inches)						
Inlet (D1)	Outside Dia of Mid Section	Overall Length (L)	Dropout : (A)	Dropout: (B)	Dropout: (C)	Clean-Out Door (CO)
4	8	36	4	8	4	6x8
5	9	40	5	8	4	6x8
6	11	45	6	8	4	8x10
7	12	41	7	8	4	8x10
8	14	46	8	8	4	8x10
9	16	48	9	8	4	8x10
10	18	51	10	8	4	8x10
12	22	59	12	8	4	10x12
14	25	66	14	14	6	10x12
16	29	70	16	14	6	10x12
18	33	78	18	14	6	12x14
20	36	81	20	14	6	12x14
22	40	85	22	14	6	12x14
24	44	96	24	14	6	12x14
26	46	102	24	18	6	12x14
28	50	110	24	18	6	12x14
30	54	114	24	18	6	12x14
32	58	121	24	18	6	12x14
34	62	131	24	18	6	12x14
36	66	137	24	18	6	12x14
38	70	155	24	18	6	12x14
40	72	159	24	18	6	12x14
42	76	163	24	18	6	12x14
44	80	167	24	18	6	12x14
46	84	184	24	18	6	12x14
48	88	188	24	18	6	12x14
50	92	192	24	18	6	12x14