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1140 KINGWOOD AVENUE - NORFOLK, VA 23502
 4715 STOCKHOLM COURT - CHARLOTTE, NC 28273
Quality Equipment and Service Since 1962

Dry, Two-Stage Precipitator
 Standard Collector Cell Technical Data

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COLLECTING CELL, PRECIPITATOR TECHNICAL DATA

1. Weight & Dimensions:	Capacity		
	800 cfm	1000 cfm	1200 cfm
Weight, lbs	26	32	37
Height, inches	18	18	18
Width, inches	17-1/8	21-1/4	24-3/4
Depth (Direction of Air Flow)	12-9/16	12-9/16	12-9/16
 2. Ionizing Section	 10	 13	 15
Ionizing Wire Quantity (.007 dia)			
 3. Collection Section			
Ground Collector Plates:			
Quantity	21	27	32
Surface Area, Sq. In.	7,612	9,688	11,418
	(53 sq. ft.)	(67 sq. ft.)	(79 sq. ft.)
 High Voltage Plates:			
Quantity	22	28	33
Surface Area, Sq. In.	6,949	8,824	10,316
 4. General:			
Ionizer: The ionizing section is an integral part of the collecting cell. It is supported without insulators.			
Normal Operating Volts.....			8000 VDC
Voltage Range.....			7000 to 8800 VDC
Voltage Gradient at 8000.....			11,158 VDC
 Collection Section: Assembled with individual spacers			
Normal Operating Volts.....			8000 VDC
Voltage Range.....			7000 to 8800 VDC
Voltage Gradient at 8000.....			24,768 VDC
Plate Spacing.....			.323 inches
Insulators.....			2-1/4" Dia. Glazed Ceramic
 Efficiency.....			91% Atmospheric, 96% DOP
Test Method.....			ASHRAE 52-76

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**MANUFACTURER/DESIGN OF AIR & GAS COMPRESSOR SYSTEMS, ELECTROSTATIC PRECIPITATOR SYSTEMS
 AND RELATED CONTROLS AND ACCESSORIES**