

# Absolent Mist & Smoke Collection System Selection Guidelines

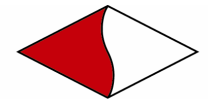
## Oil Based/Synthetic Coolant and Smoke Applications

## Water Based and or Semi-Synthetic Coolants

Absolent Unit	Maximum Airflow (CFM)	Maximum Inlet Load	Absolent Unit	Maximum Airflow (CFM)	Maximum Inlet Load
ODF-1000S	290CFM	25 mg/m <sup>3</sup>	G-One Centrifugal Stacked Disc Technology	590CFM	27 mg/m <sup>3</sup>
ODF-2000S	590CFM	25 mg/m <sup>3</sup>		ODF-800	350CFM
ODR-2000	1,180CFM	80-100 mg/m <sup>3</sup>	ODF-1000/C	590CFM	10 mg/m <sup>3</sup>
ODR-3000	2,350CFM	200 mg/m <sup>3</sup>	ODF-2000	1,180CFM	20 mg/m <sup>3</sup>
ODR-6000	4,700CFM	200 mg/m <sup>3</sup>	ODF-4000	2,350CFM	20 mg/m <sup>3</sup>
ODR-9000	7,050CFM	200 mg/m <sup>3</sup>	ODF-6000	3,530CFM	20 mg/m <sup>3</sup>
ODR-12000	9,400CFM	200 mg/m <sup>3</sup>	ODF-8000	4,700CFM	20 mg/m <sup>3</sup>
ODR-18000	14,100CFM	200 mg/m <sup>3</sup>	Special Filter for Dual/Single Stage Systems ODF-MOD 2 <sup>nd</sup> Stage Filter Capacity	No Reduction in Airflow High-flow Permeable Fiber Bed Filter with Increased Capacity	25 mg/m <sup>3</sup>

Consult IAQ for proper unit and filter package selection. Proper selection must take in consideration the following; coolant type, machining process, airflow requirements, and inlet or load concentrations.

Accessories include; pre-filters for grinding, spray systems, fire suppression systems, integral/remote centrifugal fans, control panels, automatic pump back systems, P-traps, and ductwork kits for installation.



**Absolent**