

AIR SAMPLING



AIR SAMPLERS AND AMETEK DFS BLOWERS

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Air Sampling is the collection and analysis of samples of air to measure the amounts of various pollutants or other substances in the air, or the air's radioactivity. AMETEK Dynamic Fluid Solutions "DFS" plays a big role in your air sampler; we provide the vacuum that enables you to provide a proper reading from your air sampling device. Many products are large and have an external controller; AMETEK's air sampler blowers are small, efficient and provide an internal controller for your blower. With several performance and calibration options to fit your needs, AMETEK's air sampler blowers match the performance needed for your air sampler.

BENEFITS

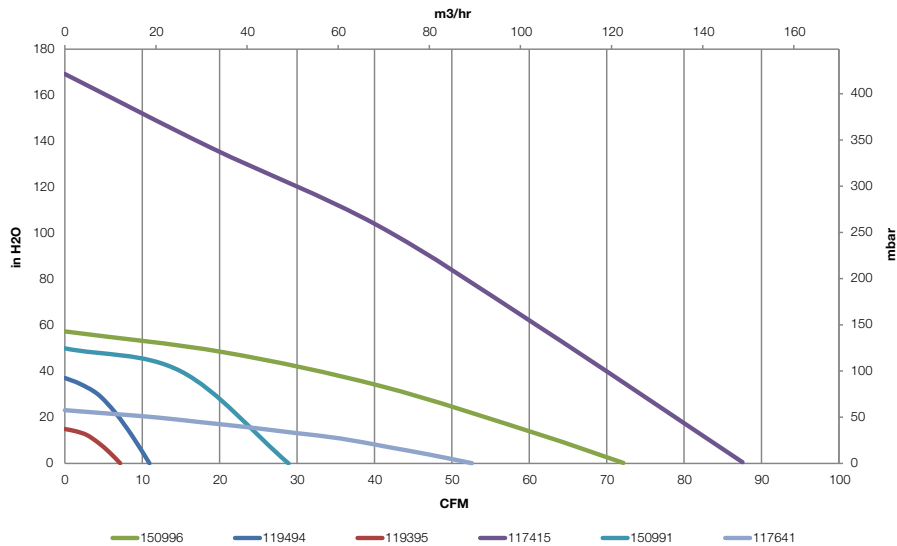
- Compact
- Light
- Stable
- Continuous run time
- Internal controllers
- Performance Tuning
- Custom acceleration
- Tachometer output
- Mufflers and filters available

		Part/Model Number					
Specification	Units	119494	119395	150991	117415	150996	117641
Voltage Stages	-	12 VDC	24 VDC	24VDC	240VAC	240VAC	240VAC
	-	1	1	1	3	1	3
Max Pressure	In. H ₂ O	37.1	37.8	52.5	169	71.01	131.64
	mbar	92.4	94.2	130.7	421	176.7	327.57
Max Flow Rate	CFM	10.9	10.6	28.9	87	88	123.7
	M ³ /hour	18.5	18	48.2	147.9	146.9	26.46
Speed Control	-	Electrical via Mains	Electrical via Mains	0-5VDC	Electrical	0-10VDC	0-10VDC

There are specific guidelines and regulations put in place by the EPA and the China Ministry of Environmental Protection (MEP). These guidelines help AMETEK understand what blowers are needed to provide effective analysis measurements.



Air Samplers and AMETEK DFS Blowers



	AMETEK DFS Models	Air Sampler System
119494 MICROjammer 4.5"		16.7L/min system 100L/min system
119395 MICROjammer 4.5"		100L/min system
150991 MICROjammer 5.1"		16.7L/min system 100L/min system
150996 Windjammer 5.7" ThruFlow Blower		225 or 400L/min system
117415 Windjammer 5.7" Bypass Blower		800L/min system
117641 Windjammer 5.7" Bypass Blower		225L/min system

