

# COMPRESSED AIR FILTERS

- THE ULTIMATE DEFENSE FROM DAMAGING DIRTY AIR
- A SUB-MICRONIC COMPRESSED AIR FINAL FILTER FOR ALL CRITICAL APPLICATIONS

## REFINISHING

The perfect final filter. Eliminates paint failures caused by particulate, moisture, and oil aerosol contaminants as small as .01 microns.

## AIR TOOLS

The air tool savior. Extends the life of your tools by protecting bearings and precision parts from dirty, oily, watery contaminants.

## PLASMA CUTTING

The essential accessory for plasma cutters. Increases the efficiency and tip life of your plasma cutter by removing moisture and oil aerosols from your compressed air line.

The filters are available individually (M-30 or M-60), or in kits: M-45 contains an M-30 with two spare M-723 elements, M-100 contains an M-60 with two spare M-723 elements. Users of these filters report contaminant free air with higher flow rates and minimal pressure drops.

## ACTIVATED CARBON

The new Motor Guard M-C100 Activated Carbon Filter removes oil vapor from compressed air. The exclusive Carbon-Max® Cartridge contains activated carbon media that traps oil and other molecules in microscopic pores through the adsorption process. The filter delivers air to the spray gun that is virtually free from oil vapor.

SUBMICRONIC



M-785C

M-723



M-45/  
M-100

## SPECIFICATIONS

Model No.	Pipe Size	Max. Flow @80 PSI	Maximum Pressure	Removal Rating (NOM.)	Size	Replacement Element No.
M-30	1/4" NPT	45 CFM	125 PSI	.01 Microns	5" x 7"	M-723
M-60	1/2" NPT	100 CFM	125 PSI	.01 Microns	5" x 7"	M-723
M-C100	1/2" NPT	100 CFM	125 PSI	<.01 ppm	5" x 7"	M-785C

## SPRAY GUNS

Clean dry oil-free air at your spray gun. Designed to remove the smallest contaminant particle, oil aerosol or drop of moisture.

**D-12** HVLP Approved 30 CFM with lowest pressure drop. Traps particles as small as .01 microns. Ends painting failures caused by dirty, oily, watery air.

**DD-1008** Only Spray Gun Filter with color change indicator. Filters moisture, oil, particulate and vapor, four stages. Desiccant beads absorb water vapor for a -40F dew point.

## AIR TOOLS

Extends the life of your air tools by protecting bearings and precision parts from dirty, oily, watery contaminants.

**AS-4028** Rugged filter, tough enough to mount directly on the tool. Protects all precision parts from damaging dirty air. Element unscrews for cleaning and replacement.

DISPOSABLE



D-12

D-12-2

DD-1008

## SPECIFICATIONS

Model No.	Application	Pipe Size	Max. Flow @80 PSI	Maximum Pressure	Removal Rating (NOM.)	Size	Replacement Element No.
D-12	Spray Gun	1/4" NPS/NPT	30 CFM	100 PSI	.01 Microns	2 1/2" x 2 1/2"	N/A
DD-1008	Spray Gun	1/4" NPS/NPT	20 CFM	100 PSI	5 Microns	3 1/2" x 1 1/2"	N/A
AS-4028	Air Tool	1/4" NPS/NPT	25 CFM	100 PSI	40 Microns	2 1/4" x 3/4"	EL4058



**M-800**

## COMPRESSED AIR FILTERS - S.A.M.S.

### SHOP AIR MANAGEMENT SYSTEM

A Water, Particulate, Oil Filter and Regulator, sized for the shop with compressors up to 30 H.P.

Model No.	Description	Pipe Size	Nominal Air Flow	Maximum Pressure	Maximum Temperature	Filtration Rating
M-800	S.A.M.S.	3/4 NPT	120 CFM	250 PSI	150 F	.01 Micron



**AC-4535**

## COMPRESSED AIR FILTERS - PREP

### AIR CONTROL UNIT

A compact, high flow Regulator/Filter for point of use air control.

Model No.	Description	Pipe Size	Nominal Air Flow	Maximum Pressure	Maximum Temperature	Filtration Rating
AC-4525	Air Controller	1/2 NPT	100 CFM	150 PSI	125 F	40 Micron
AC-4535	Air Controller	1/2 NPT	100 CFM	150 PSI	125 F	5 Micron



**M-300**

## COMPRESSED AIR FILTERS-COMPONENTS

High quality components for the ultimate in Clean, Dry, Oil Free shop air.

### PARTICULATE/WATER

Model No.	Description	Pipe Size	Nominal Air Flow	Maximum Pressure	Maximum Temperature	Filtration Rating
M-30	Sub-Micronic	1/4 NPT	45 CFM	125 PSI	175 F	.01 Micron
M-60	Sub-Micronic	1/2 NPT	100 CFM	125 PSI	175 F	.01 Micron
AF-4510	Particulate	1/2 NPT	100 CFM	250 PSI	160 F	40 Micron
M-300	Ambush	1/2 NPT	160 CFM	175 PSI	160 F	5 Micron
M-810	S.A.M.S.	3/4 NPT	230 CFM	250 PSI	175 F	40 Micron

### OIL COALESCING

Model No.	Description	Pipe Size	Nominal Air Flow	Maximum Pressure	Maximum Temperature	Filtration Rating
M-30	Sub-Micronic	1/4 NPT	45 CFM	125 PSI	175 F	.01 Micron
M-60	Sub-Micronic	1/2 NPT	100 CFM	125 PSI	175 F	.01 Micron
CO-4515	Oil Removing	1/2 NPT	50 CFM	250 PSI	160 F	.01 Micron
M-820	S.A.M.S.	3/4 NPT	120 CFM	250 PSI	150 F	.01 Micron



**M-200**

## COMPRESSED AIR REGULATORS

### DIAPHRAGM

Model No.	Description	Pipe Size	Nominal Air Flow	Maximum Pressure	Maximum Temperature	Outlet Range
RG-4049	Mini Reg	1/4 NPT	25 CFM	250 PSI	120 F	2-125 PSI
RF-1	Reg. / Filter	1/4 NPT	25 CFM	125 PSI	120 F	2-125 PSI
RG-4520	Regulator	1/2 NPT	100 CFM	300 PSI	120 F	2-125 PSI
M-200	Controller	1/2 NPT	215 CFM	300 PSI	120 F	2-125 PSI
M-830	S.A.M.S.	3/4 NPT	250 CFM	300 PSI	120 F	2-125 PSI

**RF-2011**



## COMPRESSED AIR TANK DRAINS

Model No.	Pipe Size	Drain Time	Cycle Time	Maximum Pressure	Maximum Temperature	Electrical
RF-2011	1/4 NPT	1-30 Sec.	1-60 Min.	200 PSI	35-165 F	115VAC

POINT-OF-USE COMPONENTS



TOOL MOUNT COMPONENTS



**MODEL DESCRIPTION PURPOSE SPECIFICATIONS**

M-30 M-60 M-C100	M-30	Sub-Micronic Compressed Air Filter	M-30/M-60 - The ultimate final filter. Removes moisture, particulate and oil aerosols to less than .01 microns in size. Protects refinishing equipment, air tools and plasma cutting equipment. Easily replaceable element.	Pipe Size: 1/4NPT Nominal Airflow: 45 CFM Filtration Rating: .01 Micron Max. Pressure: 125 PSI Max. Temp.: 175F
	M-60	Sub-Micronic Compressed Air Filter	M-C100 - Removes vaporous contaminants from compressed air including hydrocarbon oils, silicone, volatile organic compounds and desiccant dust. Ensures defect free finishing with all of today's premium and water-borne refinishing systems.	Pipe Size: 1/2NPT Nominal Airflow: 100 CFM Filtration Rating: .01 Micron Max. Pressure: 125 PSI Max. Temp.: 175F
	M-C100	Activated Carbon Filter		Pipe Size: 1/2NPT Nominal Airflow: 100 CFM Removal Rating: < .01 ppm Max. Pressure: 125 PSI Temp. Range: 32 – 175 F
AF-4510	LU-4505	Lubricator	Injects a fine stream of oil into air supply to lubricate air tools.	Pipe Size: 1/2NPT Nominal Airflow: 142 CFM Bowl Size: 5 oz. Max. Pressure: 250 PSI Temp. Range: 40-120F
	AF-4510	Water and Particulate Filter	General-purpose filter removes moisture, particulate and oil aerosols. Sight glass and manual drain included.	Pipe Size: 1/2NPT Nominal Airflow: 100 CFM Filtration Rating: 40 Micron Max. Pressure: 250 PSI Temp. Range: 40-160F
M-400	CO-4515	Oil Coalescing Filter	Removes oil aerosols from compressed air stream to .01 microns in size.	Pipe Size: 1/2NPT Nominal Airflow: 50 CFM Filtration Rating: .01 Micron Max. Pressure: 250 PSI Temp. Range: 40-160F
	M-400	Desiccant Dryer	Delivers extremely dry air, dew point to -40F, to critical processes. 2 Qt. Desiccant charge is easily replaced.	Pipe Size: 1/2NPT Nominal Airflow: 30 CFM Filtration Rating: 40 Micron Max. Pressure: 250 PSI Max. Temp.: 120F
RG-4520	AD-1000	Automatic Water Drain	Installs at the bottom of air line drops to collect and drain condensed moisture.	Pipe Size: 1/2NPT Bowl Size: 6 oz. Max. Pressure: 250 PSI Max. Temp.: 160F
	RG-4520	Diaphragm Regulator with Gauge	A true diaphragm, relieving type regulator for precise control of air pressure near the workstation.	Pipe Size: 1/2NPT Nominal Airflow: 100 CFM Outlet Range: 0-125 PSI Max. Pressure: 300 PSI Temp. Range: 40-120F
AC-4525	AC-4525	Air Control Unit	Integral design combines an efficient water and particulate filter with a high-flow diaphragm regulator into a compact unit. Pressure gauge is included.	Pipe Size: 1/2NPT Nominal Airflow: 100 CFM Filtration Rating: 40 Micron Max. Pressure: 150 PSI Temp. Range: 40-125F
	AC-4535	Air Control Unit		Pipe Size: 1/2NPT Nominal Airflow: 100 CFM Filtration Rating: 5 Micron Max. Pressure: 150 PSI Temp. Range: 40-125F
D-12 DD-1008 RG-4049	D-12	Disposable Spray Gun Filter	Attaches directly to the spray gun and provides a lightweight sub-micronic filter to remove oil, water and particulate.	Pipe Size: 1/4NPT Nominal Airflow: 30 CFM Filtration Rating: .01 Micron Max. Pressure: 100 PSI Max. Temp.: 120F
	DD-1008	Mini Desiccant Dryer	Lightweight disposable desiccant dryer attaches directly to tool. Color change indicator signals replacement.	Pipe Size: 1/4NPT Nominal Airflow: 20 CFM Filtration Rating: 5 Micron Max. Pressure: 125 PSI Max. Temp.: 130F
	AS-4028	Air Tool Filter	Protects valuable high-speed air tools by removing particulates right at the inlet. Extremely light-weight.	Pipe Size: 1/4NPT Nominal Airflow: 25 CFM Filtration Rating: 40 Micron Max. Pressure: 100 PSI Max. Temp.: 200F
	RG-4049	Mini Regulator/Gauge	A true diaphragm, precision regulator that weighs ounces. Attaches directly to tool or spray gun for ultimate control.	Pipe Size: 1/4NPT Nominal Airflow: 25 CFM Outlet Range: 0-125 PSI Max. Pressure: 250 PSI Temp. Range: 40-120F