

MAGNA PRODUCTS

FILTRATION SYSTEMS

MOTOR GUARD[®] GUARD

Body Shop Requirements

From Pulling to Painting



MOTOR GUARD CORPORATION
MAGNA PRODUCTS

(800) 227-2822
www.motorguard.com

ABOUT MOTOR GUARD ...



For over 50 years **Motor Guard** has furnished the auto body professional with innovative solutions for collision repair and refinishing. Our broad product offering is highlighted by our U.S. built Magna Products collision repair tools and accessories along with our unmatched line of Air Preparation components. From Pulling to Painting, **Motor Guard** has a solution for all of your auto body repair and refinishing needs.

Motor Guard's origins in the automotive service industry began in 1966, supplying compressed air, oil, fluid and other specialty filtration components and systems. The business grew quickly through the development of patented technologies allowing us to offer finer filtration of contaminants at an affordable cost for all critical refinishing applications. The addition of dent repair tools, sanding blocks and accessory product lines positioned **Motor Guard** as a major supplier with a broad, solution-based product line.

Our corporate support team of operations, sales and marketing is based in our California manufacturing facility and is backed by a nationwide network of knowledgeable sales representatives. **Motor Guard** products are available near you from a broad network of stocking distributors who stand ready to supply you with all of our products.

Motor Guard continues to innovate and is committed to producing superior and affordable products to solve complex service problems and to always support and provide the highest level of service to our loyal customers. Please contact us today for your auto body repair and refinishing needs.



E-4000S - Stripe Eliminator

Quickly removes stripes and molding adhesive without damaging the finish. Soft, resilient compound acts like an eraser, absorbing the heat and leaving the surface like new.



SD-1 - Pad Pro®

The Spin-Doctor, a unique and innovative method of cleaning foam polishing and cutting pads. Saves time by cleaning the spinning pad while it is on the buffer.



RB-3 - Run Blockers

A rugged non-compressible alloy set of tools for sanding only the highest point of body character lines.



Spot Weld Cutters

U.S. high quality high speed for separating body panels from tough OE welds. JMC001 Cutter with JMC003 pilots and springs. JMD001 Magna Drill is self starting with JMD007 replacement double sided slotted drill bits. Both use JMC002 double sided cutters.



A-Series Applicator Guns

Unique collection of guns will accommodate most cartridges available today. Rugged, high-power ratio models designed for professional performance.



E-6080S - Magna-Stripper

For spot repair on steel body panels. Quickly strips clear coat, base coat, primer coat or all three without damaging the body panel. Soft, resilient compound is impregnated with abrasive.



E-6100S - Magna-Stripper AL

For spot repair on aluminum body panels. Quickly strips clear coat, base coat, primer coat or all three without damaging the body panel. Soft, resilient compound is impregnated with abrasive.



MR-3 - Magna Rules

Magna Rules are flexible magnetic rulers, allowing hands-free measuring of any steel surface, flat or curved. Pinstriping, lettering, sign painting, locating, the applications are endless.



RR-1 - Run Razor

Unique tool for "shaving" away runs, sags and dust particles. Also removes striping tape and plastic repair seams.



DD-1 Dust Doctor

Revolutionizes hand sanding by providing an instant means of unloading abrasive sheets. Utilizes microfiber technology to pull sanding dust right from the paper. Improves shop air quality by reducing airborne dust. (DD-2 Pack of 2 Pads)

BACK-UP PADS

A full line of Back-up Pad Products for automotive refinishing. Two sizes of molded urethane pads are offered in a variety of hardnesses and facings. These pads feature heavy-duty riveted hubs and are precision balanced for vibration free, flawless sanding. A soft, foam Interface Pad can be added to the 6" Back-up Pad for fine finish sanding and for full contact on irregular surfaces. Other accessories include a stiff, reinforced composite Backing Plate for aggressive sanding and grinding. Completing the line is a versatile Buffing Pad Holder for both lambswool bonnets and foam polishing pads. A hook facing provides a slip-free hold while allowing for quick change of pads.



From Pulling to Painting, Motor Guard Corporation has a product for all of your autobody repair and refinishing needs.

Exclusive Features:

- Full Product Line to Meet All Your Shop Needs
- Highest Quality U.S. Manufactured Products
- Precision Controlled Weight and Balance for Vibration Free Operation
- Ultra Flat Faces for Flawless Sanding
- Innovative Facing Materials Provide Maximum Hold While Allowing for Quick Change of Abrasive Discs

SELECTION CHART

	MODEL	DESCRIPTION	PURPOSE	SPECIFICATIONS
	BP-1016	MEDIUM BACK-UP PAD 6" FACE DIAMETER REGULAR PROFILE PSA FACE	MEDIUM EDGE PAD FOR PSA BACKED DISCS. FIRM ENOUGH FOR FLAT SURFACES YET SOFT ENOUGH FOR CURVED SURFACES.	DIAMETER: 6" FACE: VINYL HARDNESS: MEDIUM THREAD: 5/16-24 MALE MAX. RPM: 10,000
	BP-1116	FIRM BACK-UP PAD 6" FACE DIAMETER LOW PROFILE PSA FACE	FIRM, LOW PROFILE PAD FOR PSA BACKED DISCS. PROVIDES MAXIMUM FLATNESS.	DIAMETER: 6" FACE: VINYL HARDNESS: FIRM THREAD: 5/16-24 MALE MAX. RPM: 10,000
	BP-1026	MEDIUM BACK-UP PAD 6" FACE DIAMETER REGULAR PROFILE HOOK FACE	MEDIUM EDGE PAD FOR LOOP BACKED DISCS. FIRM ENOUGH FOR FLAT SURFACES YET SOFT ENOUGH FOR CURVED SURFACES.	DIAMETER: 6" FACE: HOOK HARDNESS: MEDIUM THREAD: 5/16-24 MALE MAX. RPM: 10,000
	BP-1126	FIRM BACK-UP PAD 6" FACE DIAMETER LOW PROFILE HOOK FACE	FIRM, LOW PROFILE PAD FOR LOOP BACKED DISCS. PROVIDES MAXIMUM FLATNESS.	DIAMETER: 6" FACE: HOOK HARDNESS: FIRM THREAD: 5/16-24 MALE MAX. RPM: 10,000
	BP-4005	BACKING PLATE REGULAR PROFILE	REINFORCED COMPOSITE PLATE PROVIDES A STRONG, STIFF BACKING FOR AGGRESSIVE SANDING AND GRINDING.	DIAMETER: 5" THICKNESS: .064" CENTER HOLE: 7/8" MAX. RPM: 6,000
	BP-2027	7" BUFFING PAD HOLDER	BUFFING AND POLISHING PAD HOLDER FOR LAMBSWOOL BONNETS AND FOAM POLISHING PADS.	DIAMETER: 7" FACE: HOOK THREAD: 5/8-11 FEMALE MAX. RPM: 2,000
	BP-3026	6" FOAM INTERFACE PAD HOOK FRONT LOOP BACK	SOFT FOAM INTERFACE PAD FOR USE ON 6" HOOK FACED DISCS. FOR FINE FINISH SANDING AND FULL CONTACT ON IRREGULAR SURFACES.	DIAMETER: 6" FACE: HOOK/LOOP HARDNESS: SOFT

STUD WELDERS FOR DENT REPAIR



JO1000 - ENTRY KIT



JO1050 - ENTRY-PLUS KIT



JO1500 - PROFESSIONAL KIT



JO1525 - PRO-PLUS KIT



JO1550 - DELUXE KIT



JO2000 - SUPER-PRO KIT



JO2250 - SUPER-PRO PLUS KIT

MAGNA-SPOT® STUD WELDER EXCLUSIVE FEATURES

- ★ Made in USA
- ★ 5-Year Warranty
- ★ Magna Pin System

MPS
technology holds pin in electrode in any position and provides handy pin storage on case.

SPEC CONSUMABLE ITEMS ELECTRODE TIPS DENT PULLERS ELEC	MOTOR GUARD CORPORATION		MAGNA-SPOT® STUD WELDERS						
	Entry JO1000	Entry-Plus JO1050	Professional JO1500	Pro-Plus JO1525	Deluxe JO1550	Super-Pro JO2000	Super-Pro Plus JO2250		
Electrical Rating *	120V 1Ø 15A*	120V 1Ø 15A*	120V 1Ø 15A*	120V 1Ø 15A*	120V 1Ø 15A*	120V 1Ø 15A	120V 1Ø 15A		
Welding Current (Nominal)	1500A	1500A	1500A	1500A	1500A	2000A	2000A		
Duty Cycle	2%, 1 Sec. On, 60/Hr.								
Magna Slide Hammer®	Entry	Deluxe							
Magna Clamp®	Optional	Optional	Optional	Optional	Standard	Optional	Optional		
Magna T-Puller®	Optional	Optional	Optional	Standard	Standard	Optional	Standard		
Magna Rivet Puller®	Optional								
Magna Claw®	Optional								
Draw Pin	Standard								
Trim Rivet	Optional	Optional	Standard	Standard	Standard	Standard	Standard		
Extension	Optional								
Round Washer	Optional								
Magna Wire®	Optional	Optional	Optional	Standard	Standard	Standard	Standard		
Shrinking	Optional	Optional	Standard	Standard	Standard	Standard	Standard		
Draw Pin 2.0mm	Pk/100	Pk/500	Pk/500	Pk/250	Pk/250	Pk/250	Pk/250		
Draw Pin 2.5mm				Pk/250	Pk/250	Pk/250	Pk/250		
Trim Rivet			Pk/150	Pk/150	Pk/150	Pk/150	Pk/150		
Round Washer	Optional								
Magna Wire® 16 Ga.							1/2 Lb/Pk		
Magna Wire® 12 Ga.	Optional								
Case	Storage			Molded Carry					
Shipping Wt. (Lbs.)	17	19	23	25	28	25	27		

*Select 120V Models Available in 240V 1Ø See Price Sheet

STUD WELDER ACCESSORIES



Slide Hammer

Slide made of cast iron. Collet is heat-treated tool steel for maximum grip and extended life.

J20003 Heavy-duty with quick release

J10003 Standard cam release



Electrodes

Tough copper with highest electrical conductivity.

J20007 Pin electrode, holds all standard size pins

J20009 Rivet electrode, for J20012 trim rivets

J20006 Shrinking electrode, for fast heat

J20010 Electrode extension kit with M.P.S.



Magna Wire

Steel, copper coated corrugated wire. Welded with the Magna Wire electrode, to pull out long creases evenly with the Magna Claw.

J20024 16 ga, 1/2 lb pk

J20025 12 ga, 1 lb pk

Magna Wire Electrode Kit

For welding Magna Wire **J20021**

Magna Claw

Heavy-duty steel construction, utilizing handle or external pulling source. Unique design pulls the Magna Wire, one "finger" at a time, until the damaged metal is flush with surface. Excellent method for pulling out long, difficult to access creases.

J20037 Magna Wire Claw, 5 Finger

J20042 Magna Wire Claw Kit, includes 5 Finger Claw, Magna Wire Electrode Kit and Magna Wire

The Magna Clamp

Constructed from heat-treated hardened steel, this tool features wing nut/self-tightening, making the job fast and easy. **J20016**

"T" Puller

A compact tool for small damage repair on light-weight metal to reduce overpull. **J20017**

Trim Rivets

Steel, copper coated rivets. Welded to body panels for installing metal trim strips. A restoration requirement.

J20012



Now with **Striker Tip!**TM

Draw Pins

The original Motor Guard Magna-Spot Stud Welder Pins now with the improved Striker TipTM designed to guarantee a consistent, strong weld on all steels. No Other Pin is Stronger. No Other Pin Flexes More Easily. No Other Pin Guarantees a Solid Weld on All Steels.

J20014 2.0 mm Draw Pins - Pk/500

J20015 2.5 mm Draw Pins - Pk/500



MAGNA-STITCHER PLASTIC REPAIR SOLUTIONS

Magna-Stitcher technology works by welding a rigid stainless steel stake into the surface of the plastic resulting in a permanent repair of the crack. The system can be used to repair bumpers, fascias, spoilers, headlamp and radiator brackets, interior and underbody components, wheel wells, panel mounting tabs and any thermoplastic part.

MS-1-KIT MAGNA-STITCHER PLASTIC REPAIR ADAPTER

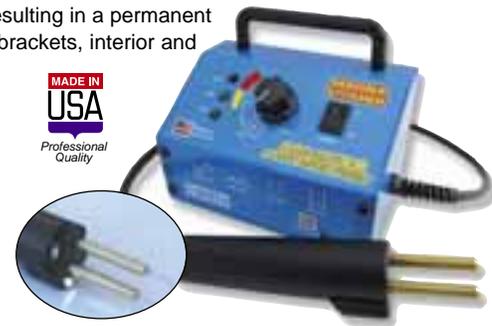
Do Plastic Repair with Your Stud Welder!



The **Magna-Stitcher Adapter** provides an economical solution for plastic repair by turning your stud welder into a plastic repair tool. The Magna-Stitcher fits all popular stud welders and provides all the features of a plastic repair system at a fraction of the cost. The kit also comes with an assortment of **Magna-Stakes**.

MS-1-KIT Features:

- Magna Stitcher Adapter with thumb screw lock
- Assortment of Magna-Stakes; 25/Ea of S, M, V & W shapes
- Handy and durable storage case
- Made in the U.S.A.



MS-2500 MAGNA-STITCHER PLASTIC REPAIR SYSTEM

The **Magna-Stitcher Plastic Repair System** is a complete unit with all the power and accessories needed for structural repair of plastic parts. The **MS-2500** features a powerful work light in the gun to illuminate out of the way areas, a feature not found on most comparable units. The system also comes with an assortment of **Magna-Stakes**.

MS-2500 Features:

- Three power levels for rapid and precise staking on all thermoplastic parts
- High-intensity work light in the grip to illuminate out-of-the way areas
- Assortment of Magna-Stakes; 100/Ea of S, M, V & W Shapes
- 115 VAC 50/60 Hz with low power draw
- Made in the U.S.A.

MS2045 - MAGNA-STITCHER IRONING TIP

Inserts in end of Magna-Stitcher electrode and smooths over stitched areas for quicker, cleaner repairs. Fits Motor Guard and similar competitive units.



REPLACEMENT MAGNA-STAKES					
	ITEM	APPLICATION	PK/50	PK/100	ASSORTMENT
	S-SHAPED STAKE	For Repair of Flat Sections	MS2004	MS2014	<p>MS2040 Contains 100/EA of All Four Stake Shapes</p>
	M-SHAPED STAKE	For Repair of Tabs and Narrow Sections	MS2005	MS2015	
	V-SHAPED STAKE	For Repair of Inside Corners	MS2006	MS2016	
	W-SHAPED STAKE	For Repair of Outside Corners	MS2007	MS2017	

SANDING BLOCKS

SB-1 Soft Block



The original flexible sanding block features two different densities to achieve the ultimate in block sanding of curved or irregularly shaped surfaces.

Size: 2-5/8"x5-1/4"
Application: Wet & Dry Sanding, Color Sanding

WB-1 Wonder Block



A large, ergonomically designed block with a unique profile that offers maximum gripping power over flat to slightly curved surfaces.

Size: 2-1/2"x6-1/2"
Application: Dry Sanding, Color Sanding, PSA Rolls or Sheets

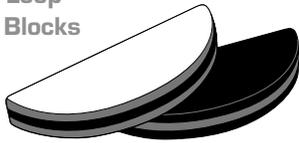
RK-1 Rocker Block



Wrap a 6" sanding disc around this block for any type of sanding. Features a unique radius edge for contour sanding. Rigid inner layer prevents transfer of finger marks.

Size: 2-3/4"x6"
Application: Wet & Dry Sanding, Filler Sanding, Color Sanding, Contour Sanding

RKH-1/RKL-1 Hook & Loop Rocker Blocks

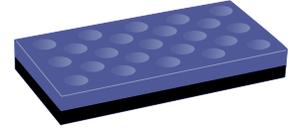


Rocker Block models designed for 6" hook (RKH-1) and Loop (RKL-1) faced abrasive discs. Designed to reduce consumable costs and make quick work of sanding contours.

This unique two-sided block features a blue side with holes which act like a grater for 30% faster cutting. Black side is for less aggressive blocking.

Size: 2-5/8"x5-1/4"
Application: Fast Blocking, Filler Sanding, Dry Sanding

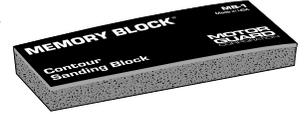
HT-1 Holey Terror



A firm vinyl side offers extreme curving power for fender crowns and motorcycle tanks. Other side features soft yet dense memory foam to reduce pressure on nibs, louvers, etc.

Size: 2-5/8"x6-1/2"
Application: Dry Sanding, Color Sanding

MB-1 Memory Block



Utilizes a standard sheet folded into thirds. Unique radius sides lift the edges of the PSA sheet away from the work surface for smoother, more even sanding.

Size: 2-5/8"x5-3/8"
Application: Wet Sanding, Fine Color Sanding, Contour Sanding

RL-1 Roller Block



Soft and flexible for scuffing areas not accessible to rigid blocks. Designed to evenly distribute pressure, imparting an even tooth over the entire panel in a single pass.

Size: 4"x6"
Application: Scuffing

BBS-1 Soft Backer Block



BIG BLOCKS

BG6-1/BGK6-1 Standard Big Block



Power up hand sanding with these large, flexible blocks that feature multi-layered construction and radius edges to match contours. BG6-1 (Standard) BGK6-1 (Hook Face)

Size: 2-5/8x6-1/2"
Application: Dry Sanding, Filler Sanding, Blocking

Maximum length Big Block for fast blocking over large areas. Unique multi-layered construction flexes to match curved panels. BG12-1 (Standard) BGK12-1 (Hook Face)

Size: 2-5/8x12"
Application: Dry Sanding, Filler Sanding, Blocking

BG12-1/BGK12-1 Standard Big Block



BGH6-1 Hole-Side Big Block



This one-of-a-kind Big Block features a hole side that acts like a grater for faster cutting. smooth side is for less aggressive blocking and radius edges match body contours.

Size: 2-5/8x6-1/2"
Application: Fast Blocking, Filler Sanding, Dry Sanding

A soft-sided Big Block for fine color sanding over large areas. Rigid inner layer prevents the transfer of finger marks and radius edges match body contours.

Size: 2-5/8x6-1/2"
Application: Wet & Dry Sanding, Color Sanding

BGS6-1 Soft-Side Big Block



BGR-1 Rigid Block



Create the ultimate blocking bar by wrapping an abrasive sheet around this narrow rigid block. Just the right width for power blocking in small areas, this block flexes slightly to follow contours.

Size: 1-1/2x11"
Application: Blocking and Sanding Contours and Small Areas

An extra-rigid sanding block that flexes just enough to follow slightly curved surfaces. A comfort-fit block for high-production blocking and other demanding applications. BGR6-1 (Standard) BGRK6-1 (Hook Face)

Size: 2-5/8x5-1/2"
Application: Aggressive Blocking, Filler Sanding

BGR6-1/BGRK6-1 Rigid Block



BGR12-1/BGRK12-1 Rigid Block



For aggressive two-handed blocking, this rigid sanding block is unequalled. Super flat face flexes just enough to follow slightly curved surfaces. BGR12-1 (Standard) BGRK12-1 (Hook Face)

Size: 2-5/8x11"
Application: Aggressive Blocking, Filler Sanding

Power block the largest panels with speed and power with our longest rigid sanding block. Users of this block report maximum material removal in minimal time. BGR16-1 (Standard) BGRK16-1 (Hook Face)

Size: 2-5/8x16"
Application: Aggressive Blocking, Filler Sanding

BGR16-1/BGRK16-1 Rigid Block



FLEXI-BLOCK™

FLEXIBLE SANDING BARS



MINI-BLOCKS™

DETAIL SANDING BLOCKS

These new flexible sanding bars are for detail sanding applications. Constructed of a dense yet flexible compound that allows bending to suit body profiles while maintaining a firm and durable backing for highly effective sanding. Each bar measures 11 inches in length.

These new miniature sanding blocks are designed for fine detail sanding in tight spaces. Constructed of a specialty formulated compound, their ergonomic shapes allow for fine, fingertip sanding on a wide variety of profiles and body lines. Each bar measures 3-1/2 inches in length.



AP-6
Flexi-Block Assortment

Flexi-Blocks™ are available in three styles, the Rectangular Flexi-Block (FB-1) for flat sanding and sharp corners, the Double D Flexi-Block (FB-2) with radiused sides for sanding inside contours, and the Curved Flexi-Block (FB-3) for complex body lines and details. The blocks are also offered in a see-through pegboard display of all three, the AP-6 Flexi-Block™ Assortment.



AP-7
Mini-Block Assortment

Mini-Blocks™ are available in three styles, the Rectangular Mini-Block (MB-10) for flat sanding and sharp corners, the Double D Mini-Block (MB-11) with radiused sides for sanding inside contours, and the Curved Mini-Block (MB-12) for complex body lines and details. The blocks are also offered in a see-through pegboard display of all three, the AP-7 Mini-Block™ Assortment.



FB-1 - Rectangular Flexi-Block
FB-2 - Double-D Flexi-Block
FB-3 - Curved Flexi-Block



MB-10 - Rectangular Mini-Block
MB-11 - Double-D Mini-Block
MB-12 - Curved Mini-Block



MOTOR GUARD

DP-5000

In Store Display Board Special Jobber Cost

Includes one each of the below blocks
24"x24" Graphic Sheet Pegboard,
28 Hooks, Prepaid freight to Jobber

BGR6-1	00793	BIG-BLOCK SANDING BLOCK, RIGID, 5 1/2" LENGTH
BGR12-1	00794	BIG-BLOCK SANDING BLOCK, RIGID, 11" LENGTH
FB-1	00706	FLEXI-BLOCK SANDING BAR, RECTANGULAR SHAPE
FB-2	00707	FLEXI-BLOCK SANDING BAR, DOUBLE-D SHAPE
FB-3	00708	FLEXI-BLOCK SANDING BAR, CURVED SHAPE
HT-1	00751	HOLEY TERROR ULTIMATE BLOCK SANDING
MB-1	00742	MEMORY BLOCK - "MEMORY" SIDE, & PSA SIDE
MB-10	00826	MINI-BLOCK SANDING BLOCK, RECTANGULAR SHAPE
MB-11	00827	MINI-BLOCK SANDING BLOCK, DOUBLE-D SHAPE
MB-12	00828	MINI-BLOCK SANDING BLOCK, CURVED SHAPE
RK-1	00744	ROCKER-BLOCK 6" DISC SANDING BLOCK
RL-1	00754	ROLLER-BLOCK PRECISION WET SANDING BLOCK
SB-1	00746	SOFT BLOCK FLEXIBLE SANDING BLOCK
WB-1	00740	WONDER BLOCK SUPREME SANDING BLOCK



BODY SHOP PIPING LAYOUT RECOMMENDATIONS

MAIN LINE PIPING

3/4" Minimum; 1 1/4" Optimum

- Copper or Galvanized recommended.
- Sectional Aluminum is also acceptable.

SLOPES DOWN & AWAY FROM COMPRESSOR

- 4" drop every 50'

COMPRESSOR TANK SHOULD BE DRAINED DAILY

(If no auto drain present)

- Drain first thing in the AM
- Air has cooled and condensed.

FLEXIBLE HOSE CONNECTION Between Compressor & Main Piping Line

- Allows for motion and vibration of compressor.

SEE OUR WEBSITE

FOR PRODUCT DETAILS & MORE

800.227.2822

www.motorguard.com

info@motorguard.com

MHT-7100

High Capacity Water & Particulate Filter

A high-volume water trap combined with a particulate and oil filter that features Motor Guard's exclusive hydrophilic depth cartridge which filters to an incredible .01 micron rating.

Refrigerated Dryer

Removes moisture from compressor discharge by lowering temperature. An efficient and economical way of providing dry air throughout the shop. For high inlet temperature air applications (160 degree F) please reference our "Three in One" series.

M-60-R

Shop Air Management System

This proven technology to the M-60 filter is now combined with a high efficiency filter; a true diaphragm regulator; brass shut off valve and wall mounting brackets.

AC-6500

Air Control

The Motor Guard Air Control Unit combines an efficient particulate filter and water trap with a high flow diaphragm regulator into a single unit. The AC-6500 removes moisture and particulates from compressed air and provides a finely regulated supply of air for critical applications.

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.



M-1000 System Supreme Desiccant Dryer System

Supplies clean, ultra-dry, oil free air to the booth. A particulate filter; oil coalescer; desiccant dryer and regulator.

M-C100 Activated Carbon Filter

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 waterborne refinishing systems.

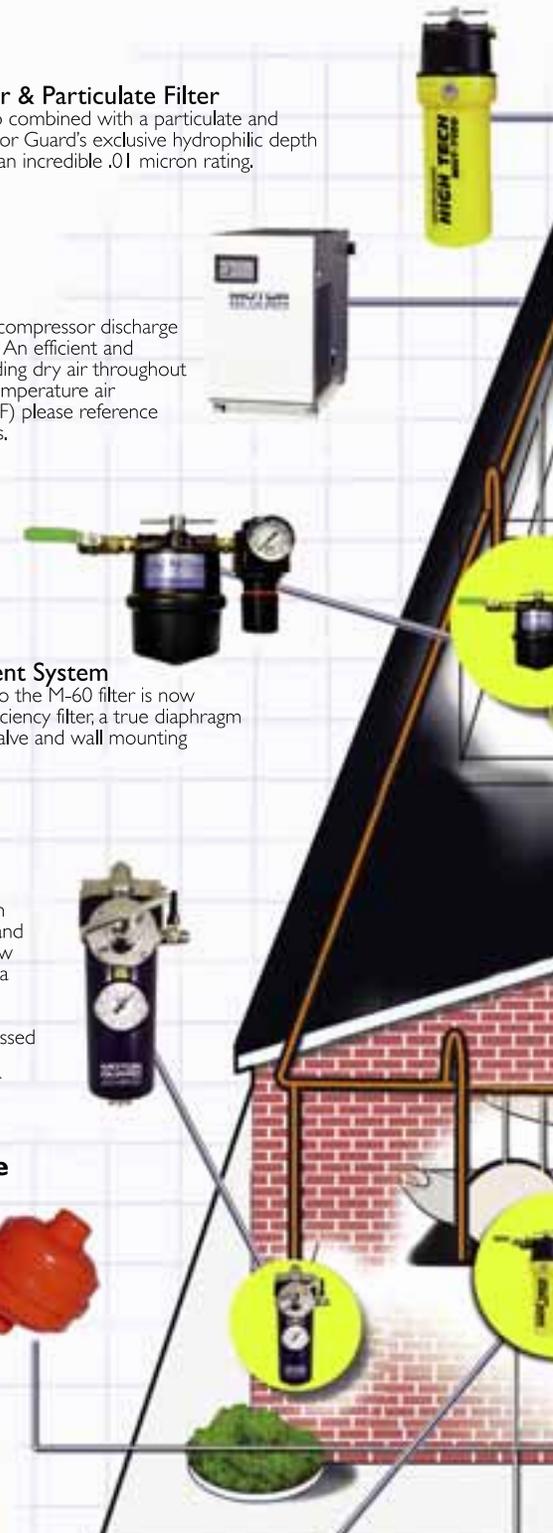
MHT-7000

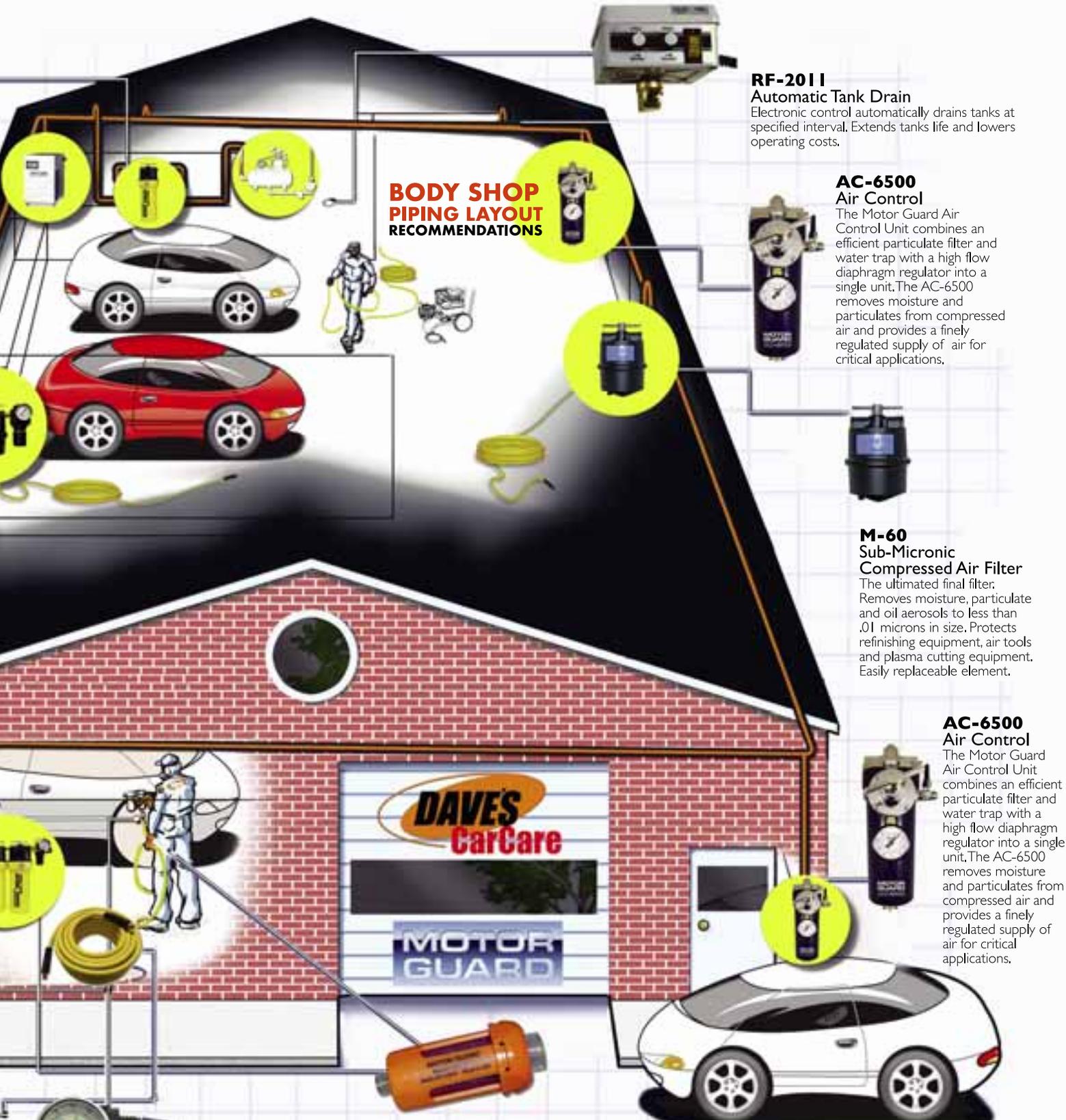
High Tech Air Preparation System

Motor Guard has introduced the most advanced air preparation system for spray booths and critical refinishing operations. The Motor Guard High Tech Air Preparation System offers six stages of air prep in a single unit and provides the quickest, cleanest cartridge change in the industry.

MF-35 High Flow Booth Hose

Premium hybrid poly reinforced hose for durability while remaining flexible. 35 feet in length. 1/4" NPT Brass Full Flow (HVLP) fittings.





**BODY SHOP
PIPING LAYOUT
RECOMMENDATIONS**

**RF-2011
Automatic Tank Drain**
Electronic control automatically drains tanks at specified interval. Extends tanks life and lowers operating costs.

**AC-6500
Air Control**
The Motor Guard Air Control Unit combines an efficient particulate filter and water trap with a high flow diaphragm regulator into a single unit. The AC-6500 removes moisture and particulates from compressed air and provides a finely regulated supply of air for critical applications.

**M-60
Sub-Micronic
Compressed Air Filter**
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.

**AC-6500
Air Control**
The Motor Guard Air Control Unit combines an efficient particulate filter and water trap with a high flow diaphragm regulator into a single unit. The AC-6500 removes moisture and particulates from compressed air and provides a finely regulated supply of air for critical applications.

**RG-4049
Mini Regulator/Gauge**
A true diaphragm, precision regulator that weighs ounces. Attaches directly to tool or spray gun for ultimate control.

**DD-1008
Desiccant Dryer**
Lightweight disposable desiccant dryer attaches directly to tool. Color change indicator signals replacement.

**BODY SHOP
PIPING LAYOUT**

AIR CONTROL PRODUCTS

Compressed Air Components



D-12 Mini Spray Gun Attaches directly to the spraygun and provides a lightweight sub-micronic filter to remove oil, water and particulate.

DD-1008 Desiccant Dryer Lightweight disposable desiccant dryer attaches directly to tool. Color change indicator signals replacement.

Model No.	Description	Pipe Size	Nominal Air Flow	Maximum Pressure	Temperature Range	Filtration Rating
D-12	Spraygun Filter	1/4 NPT	30 CFM	100 PSI	32-120 F	.01 Micron
DD-1008	Mini Desiccant Filter	1/4 NPT	20 CFM	125 PSI	32-130 F	5 Micron

RG-4049 Mini Spraygun Regulator A true diaphragm, precision regulator that weighs ounces. Attaches directly to tool or spraygun for ultimate control.

Model No.	Description	Pipe Size	Nominal Air Flow	Maximum Pressure	Temperature Range
RG-4049	Mini Spraygun Regulator	1/4 NPT	25 CFM	125 PSI	40-120 F
AAV4059	Air Adjusting Valve	1/4 NPS	30 CFM	160 PSI	40-180 F

Air Filters

M-30 Sub-Micronic Compressed Air Filter M-30/-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.

M-60 Sub-Micronic Compressed Air Filter

Model No.	Description	Pipe Size	Nominal Air Flow	Maximum Pressure	Temperature Range	Filtration Rating
M-30	Sub-Micronic Filter	1/4 NPT	45 CFM	125 PSI	32-175 F	.01 Micron
M-60	Sub-Micronic Filter	1/2 NPT	100 CFM	125 PSI	32-175 F	.01 Micron

M-C100 Activated Carbon Filter Cartridge contains activated carbon media that traps oil and other molecules in microscopic pores through the absorption process.

Model No.	Description	Pipe Size	Nominal Air Flow	Maximum Pressure	Temperature Range	Filtration Rating
M-C100	Carbon-Max Filter	1/2 NPT	100 CFM	125 PSI	32-175 F	<.01 ppm

Filter Elements

M-723 Fibre-Pure for M30/60 Hydrophilic fiber for non-degrading, contaminant free and minimal pressure loss. For model M-30 and M-60 filters.

M-785C Carbon-Max Carbon-Max cartridge contains activated carbon media that traps oil and other molecules for air that is virtually free from oil vapor. For Model M-C100 filter.

Filter Kits

M-45-KIT Clean Air Filter Kit, Sub-Micronic, 1/4 NPT Contains Motor Guard model M-30 filter, mounting bracket, hardware and 2 replacement elements.

M-100-KIT Clean Air Filter Kit, Sub-Micronic, 1/2 NPT Contains Motor Guard model M-60 filter and two replacement elements.

Model No.	Description	Pipe Size	Nominal Air Flow	Maximum Pressure	Temperature Range	Filtration Rating
M-45-KIT	Air Filter Kit	1/4 NPT	45 CFM	125 PSI	32-175 F	.01 Micron
M-100-KIT	Air Filter Kit	1/2 NPT	100 CFM	125 PSI	32-175 F	.01 Micron



Air Filter and Control Units

AC-6500 A compact high flow regulator/filter for point of use air control.

Model No.	Description	Pipe Size	Nominal Air Flow	Maximum Pressure	Temperature Range	Filtration Rating
AC-6500	Air Controller	1/2 NPT	120 CFM	150 PSI	40-125 F	5 Micron

M-810 Shop air system water and particulate filter.

Model No.	Description	Pipe Size	Nominal Air Flow	Maximum Pressure	Temperature Range	Filtration Rating
M-810	Water & Particulate Filter	3/4 NPT	230 CFM	250 PSI	40-120 F	40 Micron

MHT-7100 High Tech water and particulate filter.

Model No.	Description	Pipe Size	Nominal Air Flow	Maximum Pressure	Temperature Range	Filtration Rating
MHT-7100	High Volume Water & Particulate Filter	3/4 NPT	30 CFM	125 PSI	40-120 F	.01 Micron



Oil Coalescer Filters

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.

Model No.	Description	Pipe Size	Nominal Air Flow	Maximum Pressure	Temperature Range	Filtration Rating
M-60	Coalescer	1/2 NPT	100 CFM	125 PSI	32-175 F	.01 Micron

M-820 Shop air system oil coalescing filter. A high-efficiency oil removing filter to handle the whole shop pop-up element change indicator.

Model No.	Description	Pipe Size	Nominal Air Flow	Maximum Pressure	Temperature Range	Filtration Rating
M-820	Oil Coalescer	3/4 NPT	120 CFM	250 PSI	35-150 F	.01 Micron

Shop Air Management System

M-60R The proven technology of the M-60 filter is now combined with a high-efficiency filter, a true diaphragm regulator, brass shut off valve and wall mounting brackets to create an outstanding air control unit for a spraygun or other air tool applications.

Model No.	Description	Pipe Size	Nominal Air Flow	Maximum Pressure	Temperature Range	Filtration Rating
M-60R	2 Stage System	1/2 NPT	100 CFM	125 PSI	32-120 F	.01 Micron

MHT-7200 Compressed air desiccant dryer that combines an activated carbon inner element to remove oil vapor to <.003 ppm with a high-capacity silica gel desiccant dryer that delivers a 40°F dew point to the spray booth.

Model No.	Description	Pipe Size	Nominal Air Flow	Maximum Pressure	Temperature Range	Filtration Rating
MHT-7200	Multi-Stage	1/2 NPT	30 CFM	125 PSI	32-120 F	.003 ppm

M-800 A water, particulate, oil filter and regulator, sized for the shop with compressors to 30 H.P..

Model No.	Description	Pipe Size	Nominal Air Flow	Maximum Pressure	Temperature Range	Filtration Rating
M-800	S.A.M.S.	3/4 NPT	120 CFM	250 PSI	35-150 F	.01 Micron



AIR FILTRATION SYSTEMS



M-1000 System Supreme Desiccant Dryer System

Supplies clean, ultra-dry, oil free air to the booth. A particulate filter, oil coalescer, desiccant dryer and regulator.

Model No.	Description	Pipe Size	Nominal Air Flow	Maximum Pressure	Temperature Range	Filtration Rating
M-1000	Desiccant System	1/2" NPT	30 CFM	125 PSI	32-120 F	.01 Micron



Model MHT-7000

Six Stages Of Air Prep In A Single System

Motor Guard has introduced the most advanced air preparation system for spray booths and critical refinishing. The Motor Guard High Tech Air Preparation System (MHT-7000) offers Six Stages of air preparation in a single unit and provides for the quickest, cleanest cartridge changeout. Includes water, coalescer, activated carbon and desiccant filtration.

The MHT-7100 compressed air filter is a high-volume water trap combined with a particulate and oil filter that features Motor Guard's exclusive hydrophilic depth cartridge which filters to an incredible .01 micron rating.

The MHT-7200 Compressed Air Desiccant Dryer features a unique cartridge that combines an activated carbon inner element to remove oil vapor to <.003 ppm with a high-capacity silica gel desiccant dryer that delivers an incredible -40°F dew point to the spray booth.

The MHT-7300 Compressed Air Precision Regulator is a high-quality, true diaphragm regulator designed to set and hold outlet pressure over a wide range of flows and conditions. A high-visibility, multi-scale pressure gauge features a scratch and solvent pro glass lens that will outlast all competitive gauges.

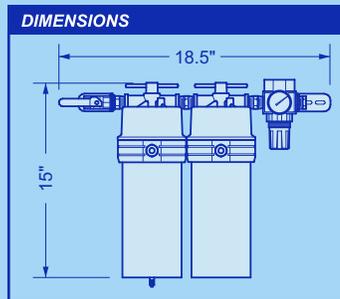


MP-0295

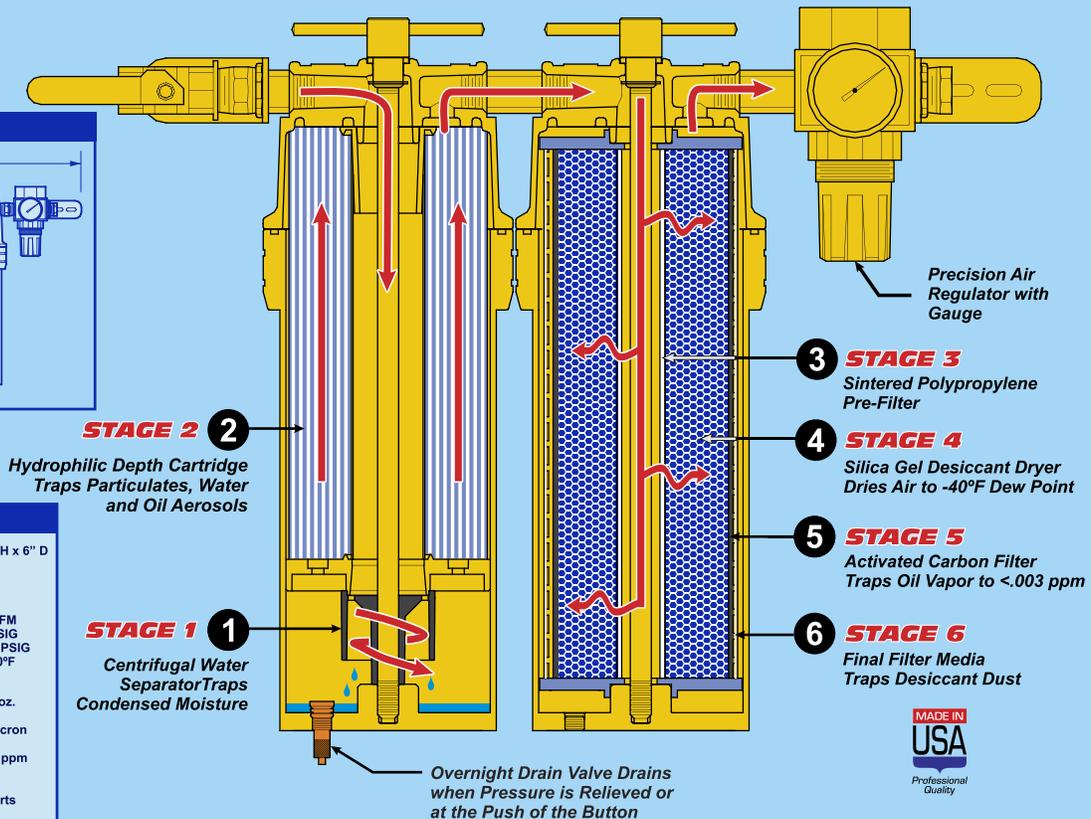
Model No.	Description	Pipe Size	Nominal Air Flow	Maximum Pressure	Temperature Range	Filtration Rating
MHT-7000	High Tech 6 Stage System	1/2" NPT	30 CFM	125 PSI	32-120 F	.01 Micron
MP-0295	Tune-up Kit	Contains replacement cartridges and seals.				

MOTOR GUARD HIGH TECH

MHT-7000 Features & Specifications



SPECIFICATIONS	
Nominal Dimensions:	18-1/2" W x 15" H x 6" D
Shipping Weight:	18 Lbs.
Inlet Pipe Size:	1/2 NPT
Outlet Pipe Size:	3/8 NPT
Nominal Air Flow Rating:	30 SCFM
Maximum Inlet Pressure:	125 PSIG
Outlet Pressure Range:	2-125 PSIG
Operating Temperature Range:	32-120°F
Water Trap	
Water Trap Bowl Capacity:	16 fl. oz.
Particulate/Oil Filter	
Nominal Filtration Rating:	.01 Micron
Activated Carbon Filter	
Oil Vapor Removal Rating:	<.003 ppm
Desiccant Dryer	
Nominal Outlet Dew Point:	-40°F
Desiccant Bead Capacity:	2 Quarts



Specifications Subject to Change Without Notice

Compressed Air Regulators Diaphragm

Model No.	Description	Pipe Size	Nominal Air Flow	Maximum Pressure	Temperature Range	Outlet Range
RG-4049	Mini Reg	1/4 NPT	25 CFM	250 PSI	40-120 F	2-125 PSI
RG-4520	Regulator	1/2 NPT	100 CFM	300 PSI	40-120 F	2-125 PSI
M-200	Controller	1/2 NPT	215 CFM	300 PSI	40-120 F	2-125 PSI
M-830	S.A.M.S.	3/4 NPT	250 CFM	300 PSI	40-120 F	2-125 PSI
MHT-7300	High-Tech Regulator	1/2 NPT	30 CFM	125 PSI	40-120 F	2-125 PSI

MHT-7300



RG-4520

RG-4049



M-200



M-830



AD-1000



Compressed Air Tank Drains

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

Model No.	Type	Pipe Size	Maximum Pressure	Temperature Range	
AD-1000	Automatic Float Drain	1/2 NPT	120 PSI	40-120 F	RF-2011



MF-35

Air Hose

Motor Guard now offers the Magna-Flex Spray Booth Hose for high-quality refinishing. Specifically designed for HVLP spray booth applications and constructed of premium hybrid polymer with a reinforced core, the Model MF-35 hose is durable, lightweight and non-kinking. 1/4" brass full-flow (HVLP) fittings at each end allow for maximum airflow while the 35 foot length is ideal for use in the spray booth. A durable, yet flexible inner core allow the hose to lay flat while it resists breaking down under repeat use and flexing.

Model No.	Description	Hose Length	Hose Size	Nominal Air Flow	Maximum Pressure	Temperature Range
MF-35	Premium Spray Booth Hose	35'	3/8"	30 CFM	300 PSI	40-180 F



Accessories

Motor Guard D-20 Blow Gun with Filter

Model No.	Description	Pipe Size	Nominal Air Flow	Maximum Pressure	Temperature Range	Filtration Rating
D-20	Blow Gun/Filter	1/4 NPT	30 CFM	125 PSI	40-120 F	.01 Micron

D-20



Replacement Desiccant

Silica gel desiccant beads with color change indicator. Beads go from blue to pink when changing is needed. Low dust.

Model No.	
M-4095-Q	Quart
M-4095-Q6	Six-Pack of Quarts
M-4095-G	Gallon

M-4095-G



M-4095-Q



LEGACY PRODUCTS

AF-4510



LU-4505 Lubricator

Injects a fine stream of oil into air supply to lubricate air tools.
 Pipe Size: 1/2 NPT
 Nominal Airflow: 142 CFM
 Bowl Size: 5 oz.
 Max. Pressure: 250 PSI
 Temp. Range: 40-120 F

AF-4510 Water and Particulate Filter

General-purpose filter removes moisture, particulate and oil aerosols. Sight glass and manual drain included.
 Pipe Size: 1/2 NPT
 Nominal Airflow: 100 CFM
 Filtration Rating: 40 Micron
 Max. Pressure: 250 PSI
 Temp. Range: 40-160F

AD-1000 Automatic Water Drain

Installs at the bottom of air line drops to collect and drain condensed moisture.
 Pipe Size: 1/2 NPT
 Bowl Size: 6 oz.
 Max. Pressure: 250 PSI
 Temp. Range: 40-120 F

RG-4520



RG-4520 Diaphragm Regulator with Gauge

A true diaphragm, relieving type regulator for precise control of air pressure near the workstation.
 Pipe Size: 1/2 NPT
 Nominal Airflow: 100 CFM
 Outlet Range: 0-125 PSI
 Max. Pressure: 300 PSI
 Temp. Range: 40-120 F



CO-4515 Oil Coalescing Filter

Removes oil aerosols from compressed air stream to .01 microns in size.
 Pipe Size: 1/2 NPT
 Nominal Airflow: 50 CFM
 Filtration Rating: .01 Micron
 Max. Pressure: 250 PSI
 Temp. Range: 40-160F

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: 1/2 NPT
 Nominal Airflow: 100 CFM
 Filtration Rating: 40 Micron
 Max. Pressure: 150 PSI
 Temp. Range: 40-125 F



M-400 Desiccant Dryer

Delivers extremely dry air, dew point to -40F, to critical processes. 2 Qt. Desiccant charge is easily replaced.
 Pipe Size: 1/2 NPT
 Nominal Airflow: 30 CFM
 Filtration Rating: 40 Micron
 Max. Pressure: 250 PSI
 Temp. Range: 40-120 F

AC-4535 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: 1/2 NPT
 Nominal Airflow: 100 CFM
 Filtration Rating: 5 Micron
 Max. Pressure: 150 PSI
 Temp. Range: 40-125 F

AC-4525

M-400

CUT-OFF WHEELS

MAGNA-CUTTER™ for Aluminum

Motor Guard's Magna-Cutter abrasive cut-off wheel has been specially formulated to cut aluminum fast, cool and clean with no loading. A resin-bonded abrasive cut-off wheel specifically designed for cutting automotive aluminum body panels and structural components the Magna-Cutter is available in 3" (JMC300AL) and 4" (JMC400AL) diameters, these Type 1 wheels are made in the U.S.A. of the highest quality abrasives and materials. Unlike standard wheels, they contain no ferrous materials, ensuring contaminant-free cutting of aluminum body panels and structural components. Technicians report that the Magna-Cutter exhibits exceptionally long wheel life and has quickly become an aluminum tool box essential.

Magna-Cutter™ Wheels

Patent Pending

JMC300AL (Pk/5)
 3" x .040" x 3/8"
 25,000 RPM

JMC400AL (Pk/5)
 4" x .050" x 3/8"
 19,000 RPM

Magna-Cutter Features:

- Specially Formulated for Aluminum Body Panels & Structural Components
- Cuts Fast, Cool & Clean with No Loading
- Contains no Ferrous Materials, Eliminates Contamination
- Long Wheel Life



Magna-Cutter™
 in Action

SALES AIDS & PROMOTIONAL ITEMS

JOBBER DISPLAY ITEMS



AIR SYSTEM COUNTERMAT

Model PR-100 20" x 16"

Durable, high-impact mat promotes the sale of air management products by displaying all components needed to build a top quality shop air system.



WINDOW DECAL

Model PR-110 7" x 3"

Dual-sided decal promotes the availability of Motor Guard products in your store.

APPAREL



HOT-SHOT T-SHIRT

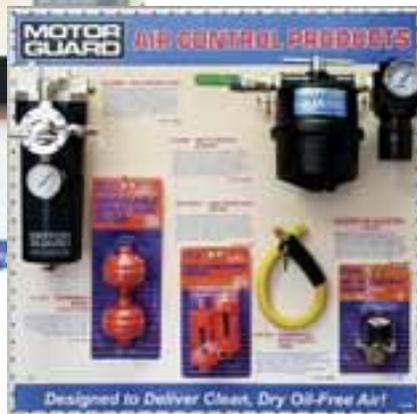
Model PR-120 L, XL, XXL

100% Cotton T-shirts offer a cool and comfortable way to promote Motor Guard products. Small logo on front and bold Hot-Shot graphics on back.



DP-5000

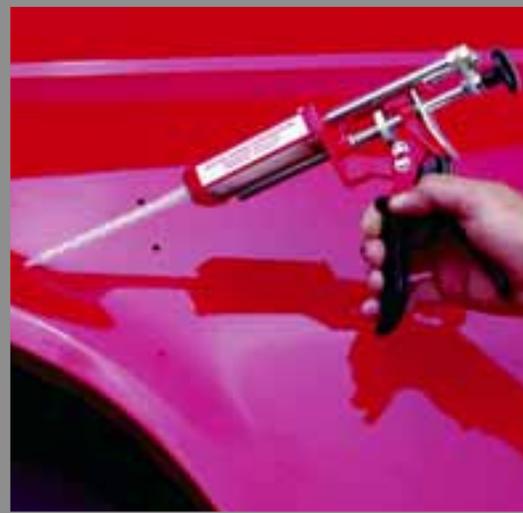
DP-6000



PRODUCT DISPLAYS

A variety of point-of-sale display packages present Motor Guard products to your customers with color and impact.

MODEL	DESCRIPTION
M-45-KIT	Clean Air Filter Kit 1/4 NPT Counter Display
M-100-KIT	Clean Air Filter Kit 1/2 NPT Counter Display
DP-2000	Point-of-Use Filter/Regulator Display w/ Product
DP-5000	Sanding Block Jobber Display - (14 Popular Blocks)
DP-6000	Air Preparation Jobber Display Board w/ Product
D-12-2	Disposable Spray Gun Filter Counter Display
RR-1	Run Razor Counter Display
RB-3	Run Blocker Counter Display
AP-1	Sanding Block Assortment - (5) Popular Blocks
AP-2	Sanding Block Assortment - (6) Popular Blocks
AP-3	Sanding Block Assortment - (8) Popular Blocks
AP-4	Sanding Block Assortment - (6) Big-Blocks
AP-5	Sanding Block Assortment - (6) Rigid Blocks
AP-6	Flexi-Block Assortment - (3) Flexible Blocks
AP-7	Mini-Block Assortment - (3) Miniature Blocks
MS2040	Magna Stake Value Pack



MOTOR GUARD®

**MAGNA PRODUCTS
FILTRATION SYSTEMS**



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