OWNER'S MANUAL

For Model A10-105

Stainless Steel Gas Grill

U.S. PATENTS
4,788,962
5,330,154
5,413,090
D 292,163
Other Patents and
Design Patents Pending

STOP
Before returning this item to the dealer.

Made in the USA

For questions regarding performance, assembly, operation, parts, or returns, contact the experts at MAGMA by calling **(562) 627-0500** 7:00 a.m.- 5:00 p.m. Pacific Time Monday thru Friday or e-mail us at mail@MagmaProducts.com

MAGMA®

Read these instructions carefully before use. Familiarize yourself with the appliance before connecting it to its gas container. Keep these instructions for future reference.

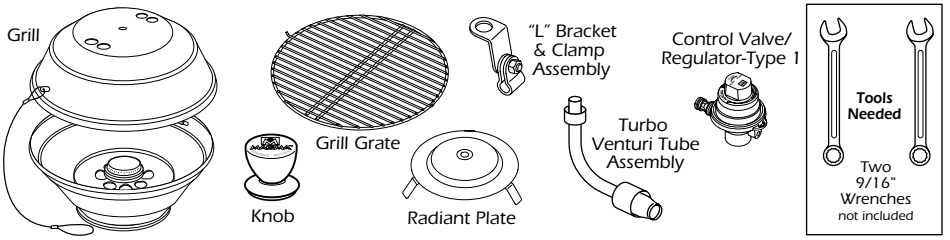
IMPORTANT SAFETY WARNINGS

READ ALL INSTRUCTIONS BEFORE OPERATING.

- USE OUTDOORS ONLY.
- DO NOT USE THIS APPLIANCE INSIDE THE BOAT OR ANY ENCLOSED SPACE.
- GRILLS RADIATE HEAT. CLEARANCE FROM COMBUSTIBLES, 24" SIDES AND BACK. NEVER USE UNDER AWNINGS, PATIO COVERS, ETC.
- USE PROPANE GAS ONLY. FUEL STORAGE SHOULD BE IN COMPLIANCE WITH THE AMERICAN BOAT AND YACHT COUNCIL (ABYC) STANDARDS A-1 (9), MARINE LIQUIFIED PETROLEUM GAS (LPG) SYSTEMS.
- FOR NATURAL GAS APPLICATION CONTACT MAGMA.
- ALWAYS LIGHT GRILL WITH LID OPEN.
- NEVER LEAVE HOT GRILL UNATTENDED.
- DO NOT OVERHEAT GRILL, SEE OPERATING INSTRUCTIONS
- ALWAYS TURN GRILL OFF AFTER USE.
- USE GLOVE OR HOT PAD WHEN HANDLING HOT GRILL.
- NEVER LEAVE GAS CYLINDERS AND REGULATOR CONNECTED WHEN STOWED.
- STORE GAS CYLINDERS IN WELL VENTILATED AREA.
- DO NOT STORE GAS CYLINDERS INDOORS, IN DIRECT SUNLIGHT, BELOW DECKS ON BOATS, OR IN LOCKERS NOT APPROVED FOR BUTANE OR PROPANE STORAGE.
- CAUTION: CHECK FOR GAS LEAKS EACH TIME CYLINDER IS CHANGED.
- NEVER CHECK FOR GAS LEAKS WITH A FLAME!
- DO NOT BLOCK, RESTRICT, OR OTHERWISE OBSTRUCT COMBUSTION OR VENTILATION AIR OPENINGS.
- DO NOT MODIFY THIS APPLIANCE.
- CHECK THAT VALVE SEALING WASHER (A) IS IN PLACE AND IN GOOD CONDITION BEFORE CONNECTING THE GAS CONTAINER.
- INSTALL CANISTERS IN WELL VENTILLATED AREA AND AWAY FROM OPEN FLAME, HEAT SOURCE OR SPARKS. KEEP AWAY FROM OTHER PEOPLE OR FLAMMABLE MATERIALS.

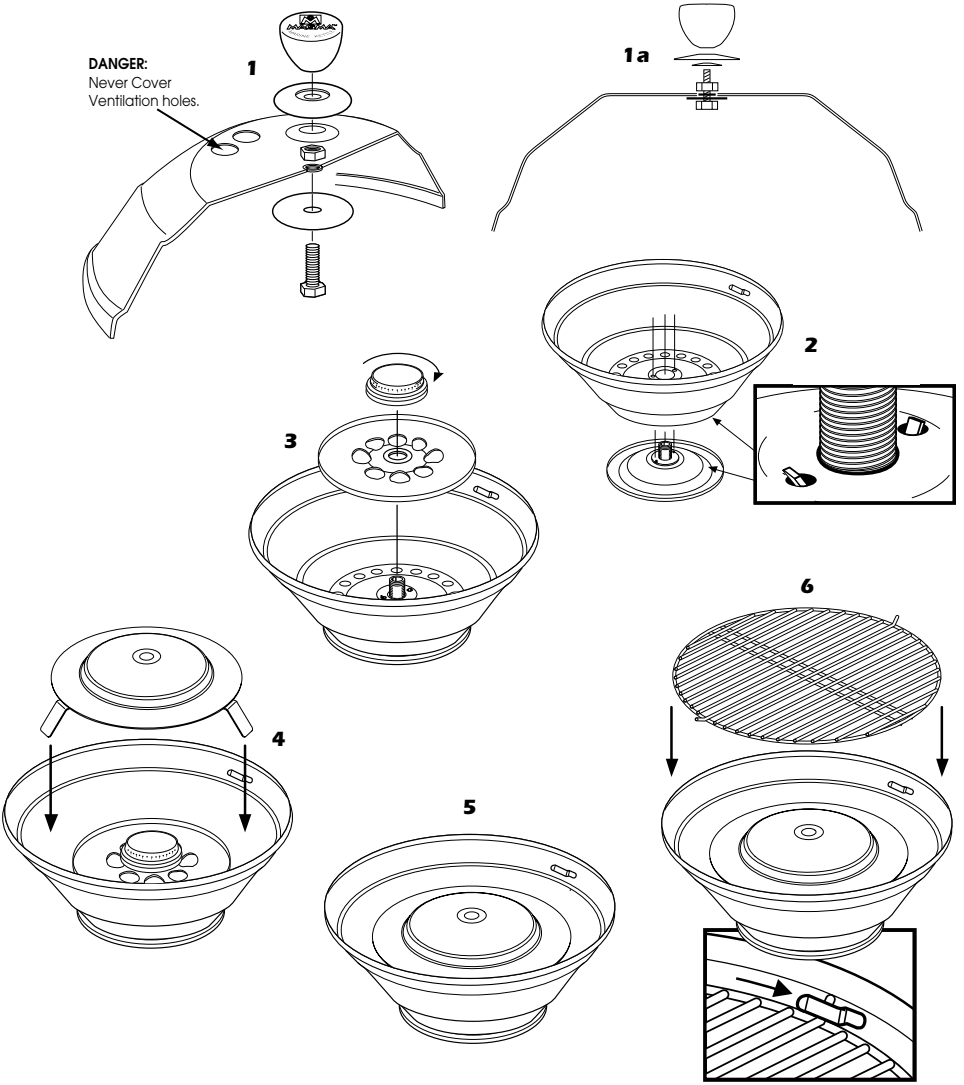
CALIFORNIA PROPOSITION 65 – WARNING – The burning of gas cooking fuel generates some by-products, which are on the list of substances, which are known by the State of California to cause cancer or reproductive harm. California law requires businesses to warn customers of potential exposure to such substances. To minimize exposure to these substances, always operate this unit according to the use and care manual, ensuring you provide good ventilation when cooking with gas.

CONTENTS

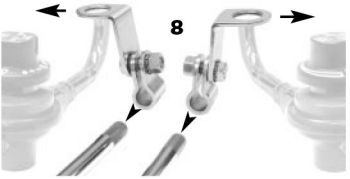


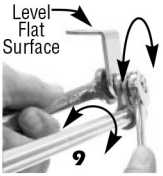
Each Magma® Gas Grill is individually fire tested before it leaves the factory. For this reason, the burner on your grill may be slightly discolored.

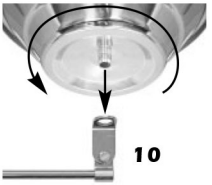
SETTING UP YOUR GRILL



Mounts sold separately. See our website **www.MagmaProducts.com** for mounting options.







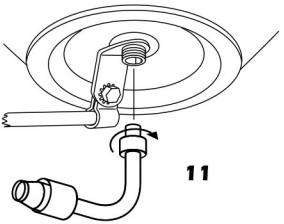
7 Select and install appropriate Magma mount in your desired location. Prior to installing the grill, check that mount does not easily move with a reasonable force applied.

8 Next, decide if gas control valve will be easier to access from the center right side or center left side of grill. This will be based on your placement of the mount **(see picture front cover)**. Now, slide L-Bracket & Clamp on to mount knurled rod so that the threaded flat L-portion of the L-Bracket points in that direction (see above).

9 Adjust threaded flat surface of L-Bracket to level position and tighten firmly with two 9/16" or adjustable wrenches so that L-Bracket & Clamp cannot be moved. NOTE: Level positioning is critical for even temperatures across the cooking surface.

10 Carefully hold the grill body, with the lid closed, and thread on to L-Bracket **VERY TIGHT** so that grill does not unthread easily. Check that grill is tight and level prior to proceeding.

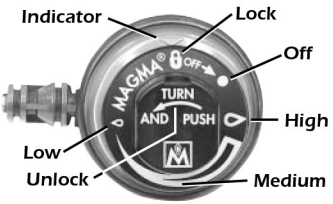
11 Insert the venturi tube into the threaded pipe on the bottom of the grill body and firmly tighten the holding nut so nut doesn't turn while rotating the turbo venturi tube. Note: venturi tube should still rotate freely. Venturi tube should be stowed with valve in a clean dry environment when not in use. (See "Stowing Tips" page 6) Before each use, prior to inserting venturi tube, check that the threaded pipe is free of spider web obstructions.

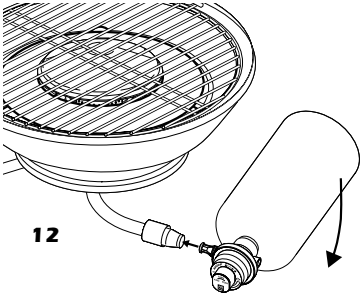


CONNECTING FUEL SOURCE

CONTROL VALVE REGULATOR

- Uses standard 1-lb. disposable propane canisters (DOT-39 NRC).
- Prior to installing valve, become familiar with the valve function and graphics on valve knob. Never force the knob. Always turn or push gently.
- Turn control valve to "lock 🔒" and install gas canister being careful not to cross the threads. Check for leaks prior to use, by brushing soapy water solution around threads and orifice hole checking for bubbles.

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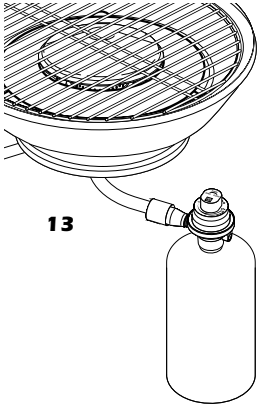
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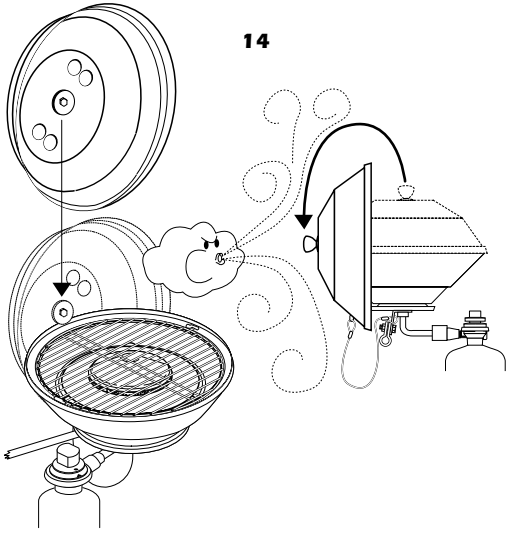
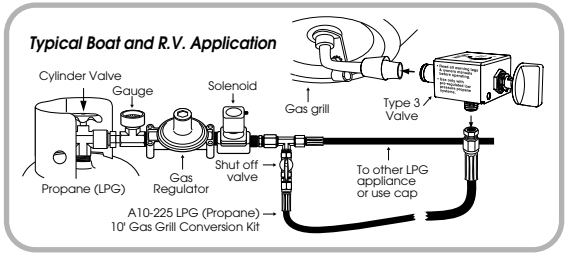

14

USING GRILL WITH ON-BOARD LPG (PROPANE) SYSTEMS

- Magma On-Board LPG (Propane) Valves and Hose Kits allow Magma Grills to be installed within a boats existing on-board, pre-regulated low pressure LPG (Propane) system.
- Use only **Magma Type 3 Low Pressure LPG (Propane) Valves.** See our **Valve Application Guide** at **www. MagmaProducts.com** for correct valve.
- In North America use **Magma A10-225 LPG 10' Hose Kit** in conjunction with **Type 3 Valve.** Outside North America check your local dealer for proper hose and fittings.
- A primary shutoff valve **(supplied with A10-225 hose kit)** must be used with this control valve at point of connection into your system. This allows shut off of gas supply to hose leading to grill.

Gently insert valve stem into venturi tube upside down until fully inserted and rotate as shown.



IMPORTANT!!

▪ DO NOT CONNECT A HIGH-PRESSURE SUPPLY HOSE FROM A NON-REGULATED TANK DIRECTLY TO GRILL.

Magma's grills are designed for use with small disposable propane canisters or with pre-regulated low-pressure propane and optional low-pressure valves. Running high-pressure propane fuel supply lines on a boat is in violation of American Boat & Yacht Council (ABYC) guidelines and is not considered a safe application. Additionally, impurities found in larger refillable propane tanks may clog the small orifices in the high-pressure control valve/ regulator causing it to lose performance capabilities and eventually fail. Regulating these tanks to 1/2 PSI and using this pre-regulated propane with the correct low-pressure valve will ensure safe, efficient performance of the grill.

OPERATING PROCEDURES

WARNING: Do not overheat grill. Magma grills do not require pre-heating. Stainless Steel loses anti-corrosive characteristics when subjected to extreme heat. Most grilling is done on low temperature with the lid closed. If medium or high heat is required, grill with lid open.

LIGHTING INSTRUCTIONS

- Open lid during lighting, hang lid on side of the grill to block the wind (see 14).
- When igniting grill, use a long nozzle butane lighter.
- To ignite grill, first ignite lighter or match flame, put flame to outer edge of Radiant Plate, then turn valve to high "large 💧".
- To grill, cook with lid on.

To help create your own Magma gourmet experience every time you grill, please check these important critical points prior to lighting your grill.

- Mount is secure and grill does not move.
- Grease tray and fire pan are clean from excess drippings to reduce flare up and ensure even air flow.
- Lid is correctly positioned to operate freely and is in best position for blocking the wind.
- Venturi tube, burner, threaded burner pipe and valve orifice are free of obstructions, such as spider webs.
- Radiant plate is positioned correctly.
- Grill grate is in locked position under holding clips.
- Turbo Venturi Tube holding nut is tight & doesn't turn when rotating valve position.
- Valve is installed and locked into Turbo Venturi Tube properly.
- Sufficient fuel is available.

Cooking Tips

- The most common mistake when grilling is using too high of a heat setting. Grills become hotter as you cook, so use moderate heat settings when cooking with lid closed.
- Always keep a water spray bottle handy for flare ups and quick cooling if grill overheats.
- Coat the grill grate with vegetable or olive oil to prevent food from sticking.

Stowing Tips

- Always disconnect the fuel canister from the valve prior to stowing.
- Stow the valve and Turbo Venturi Tube in a clean, dry area to protect from corrosion to valve and spider web obstructions in venturi tube.
- Always stow by unthreading the entire grill from the L-Bracket. Do not remove the L-Bracket & Clamp unless repositioning is necessary.
- Always store propane in a sealed propane storage locker that allows leakage to vent overboard or use **Magma A10-210 Propane Storage Tote**. Never stow below decks.

MAINTENANCE

Complete Disassembly for Cleaning

1 - Remove entire grill body from L-Bracket of Mount.
2 - Unthread and remove burner, Flame Deflector and grease tray from bowl.
3 - To reassemble, reverse above steps and see "Setting Up Your Grill"on page 3.

Stainless Steel, contrary to popular belief, can rust. Most commonly, deposits on the surface of the product will trap moisture. It is this moisture that robs the stainless steel of oxygen. Oxygen is the element that reacts with the stainless steel to form a protective layer of chrome oxide. Robbed of oxygen this reaction does not take place and "crevice corrosion", or "surface rusting", occurs. To minimize this effect, thoroughly clean your grill with soap and water, rinse with fresh water and dry. Avoid using products designed to clean stainless steel as most leave a residue that may discolor when the grill is heated.

Additionally, stainless steel that is exposed to high heat will change in color and texture over time. This "bluing" and later "browning" of the internal components is not a failure of the stainless steel and will not affect the product operation. However, prolonged exposure to extreme high heat will cause the chromium and nickel to "burn out" of the stainless steel. At this point the stainless steel will become more susceptible to corrosion and will start to deteriorate. We recommend that you replace these internal components if they become seriously deteriorated.

We recommend thorough cleaning of all internal parts after each outing. It is important to disassemble the interior components and remove any food residue. A soft "Scothbrite" pad or similar product may be used in this process. For heavier burned-on stains we recommend "Easy-Off Oven & Grill Cleaner" followed by thorough washing with soap and water, rinse with fresh water and dry. AVOID CONTACT OF OVEN CLEANER WITH CONTROL VALVE, AND BOAT SURFACES. CAUTION: DO NOT USE ANY TYPE OF ABRASIVE PAD ON THE EXTERIOR MIRROR FINISH AS IT WILL SCRATCH THE SURFACE. USE ONLY A SOFT COTTON CLOTH. We recommend covering the grill between uses. Grill covers are available at Magma retailers or directly from Magma. See our website, **www.MagmaProducts.com.**

Grill Grates

Clean with brass wire brush while grill is warm. Use Oven & Grill cleaner for burnt-on residue. Wash with soapy water and dry prior to storage.

Control Valve

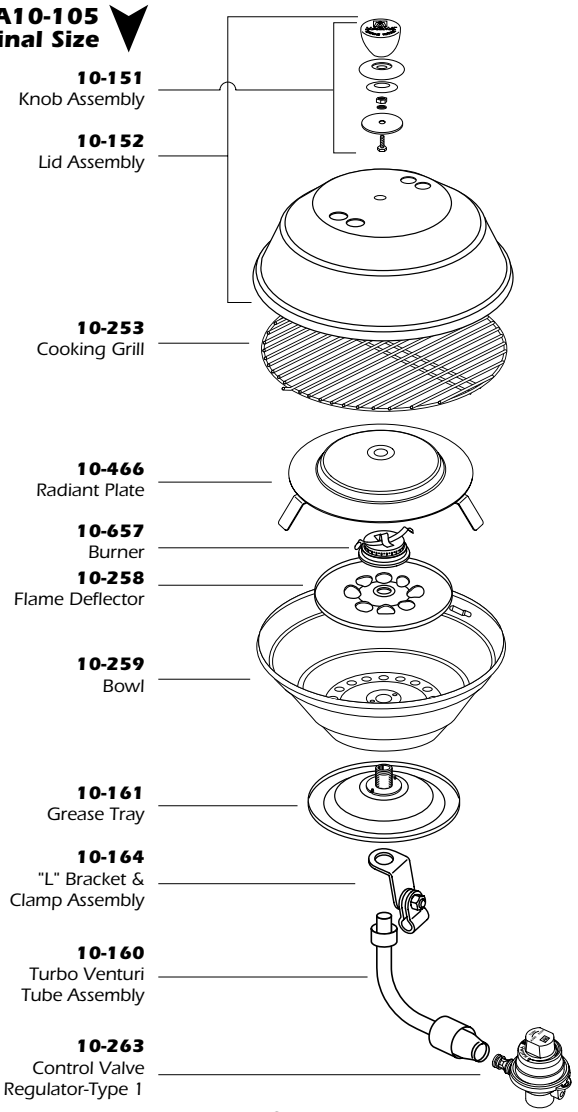
All valves are set and tested at our factory. Do not attempt to adjust or disassemble the valve. Call Magma if you suspect it is not adjusted properly. Clean valve with a cloth and remove any debris obstructing the orifice.

Repair/Replacement Parts

All replacement parts are readily available at your Magma Retailers or directly from Magma. For a complete list of replacement parts, see page 8, or visit our website **www.MagmaProducts.com**.

REPLACEMENT PARTS

A10-105
Original Size



TROUBLE SHOOTING GUIDE

Problem	Possible Cause	Possible Solution
Burner will not light	No gas flow	Check fuel level, replace canister or refill cylinder
	Obstructed gas flow	Clean burner, turbo venturi tube, and valve orifice. Remove debris/spider webs
Flare-up	Excessive cooking temperature	Operate only on low when lid is closed Reduce flame level Leave lid open Use water spray to cool
	Grease and/or residue build-up	Clean components
	Excessive fat in meats	Trim fat from cuts of meat before grilling
	Excessive oils in marinades	Use non-oil based marinades
Yellow sooty flame	Obstructed gas flow	Clean burner, turbo venturi tube, and valve orifice. Remove debris/spider webs
Blow-out	Flame too low	Increase flame
	Wind directly on burner	Block wind with lid. See page 5
	Obstructed gas flow	Clean burner, turbo venturi tube, and valve orifice. Remove debris/spider webs
Hot Spots	Grill not level	Level Grill. See page 4
	Grease or residue build-up	Clean components
	Excessive fat in meats	Trim fat from cuts of meat before grilling
	Excessive oil in marinades	Use non-oil based marinades

ACCESSORIES

Magma® Marine Kettle® Grill Cover/Tote Bag
Available in boating's most popular colors

Made with sunbrella GLEN RAVEN MILLS, INC.

9 Piece Stainless Steel Gourmet "Nesting" Cookware

Stores in less than 1/2 cubic foot

9 Piece Stainless Steel Gourmet "Nesting" Cookware Coated with Teflon® Select Non-Stick Coatings

Fish & Veggie Grill Tray
Stainless Steel Finish or Coated with Teflon® Select Non-Stick Coatings

Professional Grill Utensils
Grill Brush, Tongs & Spatula

100% All 18-8 Stainless Steel Wok
16-1/2"diameter

LPG (Propane) 10' (3 m) Low Pressure Gas Grill Connection Kit
for on-board LPG (Propane) systems

Low Pressure Control Valves
for on-board LPG (Propane) or CNG (Natural Gas) gas systems

Propane/Butane Canister Storage Locker/Tote Bag

"Marine Cuisine"® Grill Guide & Cookbook

See our website www.MagmaProducts.com for a complete list of accessories

LIMITED WARRANTY

Magma Products, Inc. guarantees this product to be free from defects in materials or workmanship to the original consumer. This guarantee is for the periods herein specified when used under normal and reasonable conditions, one (I) year from the date of original purchase. This warranty does not include the cost of property damage or any inconvenience due to the failure of the product. Nor does it cover damage due to misuse, abuse, accident, or damage resulting from transportation of the product. Nor does it include damage resulting from the commercial use of this product. Nor does it include, on stainless steel products, "Surface Rust'; Excessive Corrosion due to exposure to salt water; or Discoloration or Corrosion caused by exposure to excessive heat or failure to properly clean and care for the stainless steel surfaces. If the product fails to operate due to a defect in materials or workmanship during the warranty period, the defective part will be repaired or replaced at Magma's option. If you wish to obtain performance under this limited warranty, you should contact Magma's Customer Service Department via telephone at (562) 627-0500, or via e-mail at mail@MagmaProducts.com, or via U.S. Postal Service mail at "Magma Products, Inc., Attention Customer Service, 3940 Pixie Ave. Lakewood, CA, 90712". The defective part, along with proof of purchase, must be returned postage prepaid to Magma Products, Inc. We suggest that you keep your purchase receipt as we may require reasonable proof of purchase.

In the state of California only, if refinishing or replacement of the product is not commercially practicable, the retailer selling the product, or Magma Products, Inc., will refund the purchase price paid for the product, less the amount directly attributable to use by the original consumer prior to the discovery of the nonconformity. In addition, in the state of California only, you may take the product to the retail establishment from which it was purchased or to any retail establishment selling this product in order to obtain performance under this warranty. All implied warranties, including the implied warranties of merchantability and fitness for a particular purpose, are limited in duration to the express warranty periods specified herein for the parts described herein. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. Neither Magma dealers, nor the retail establishment selling this product has any authority to make any warranties or to promise remedies in addition to or inconsistent with those stated above. Magma's maximum liability shall not exceed the purchase price of the product paid by the original consumer. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation orexclusions may not apply to you. The warranty gives you specific legal rights and you may also have other rights which vary from state to state.

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Patent pending.

MAGMA®

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83-105 0308

ADDENDUM FOR GAS GRILL MODELS A10-105AU-1, A10-105AU-2, A10-105AU-3, A10-115AU-1, A10-115AU-2, A10-115AU-3

SOLD IN AUSTRALIA

CAUTION: Accessible parts may be very hot. Keep young children away. • CARBON MONOXIDE HAZARD-THIS APPLIANCE CAN PRODUCE CARBON MONOXIDE (no odour). Do not use in enclosed areas, (for example: car, tent, caravan, mobile home) may cause death. This appliance shall only be used in an above ground, open air situation with natural ventilation, without stagnant areas, where gas leakage and products of combustion are rapidly dispersed by wind and natural convection. • Use appliance only in horizontal position. • This appliance must only be serviced by an authorized person.

FUEL CONTAINERS: Change gas containers in well-ventilated areas, preferably outside, away from people & sources of ignition; such as naked flames, pilot flames, electric heaters/equipment. Do not use appliance if it is leaking, damaged, or not working properly. Check that burners are extinguished before removing gas container.

GAS LEAKS: NEVER CHECK FOR GAS LEAKS WITH A FLAME! Check for gas leaks by applying a soapy solution to connections. If bubbles appear, turn off appliance and repair leaks as necessary.

HOW TO ISOLATE GAS SUPPLY IN THE EVENT OF A LEAK (smell of gas):

Cylinders: If there is a leak on your appliance (smell of gas), immediately attempt to turn off cylinder valve. Turn off appliance control valve. Remove appliance to a well-ventilated location away from any ignition source.

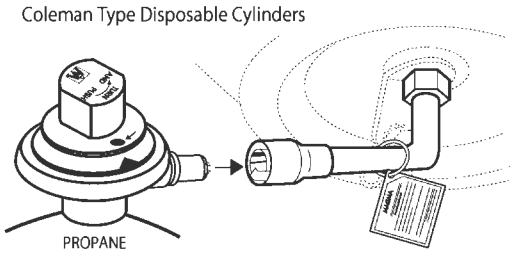
STORAGE: NEVER LEAVE GAS CYLINDERS CONNECTED WHEN NOT IN USE!

Cylinders: When you have finished using this appliance, turn gas cylinder off; wait for the flame to go out and turn the appliance control valve off. Remove appliance control valve from appliance and store control valve in a dry, non-corrosive environment. • Store fuel containers outdoors, in a well ventilated area, out of reach of children, never below decks on boats. (Any indoor storage shall comply with Section 2 Minor storage and usage of **AS/NZS 1596).**

HOSES: Use only AGA approved regulator and hose supplied by your distributor. (GRECA #719 AGA 3735 Regulator and MAXIE Gas AGA 3972 Hose or Equivalent) Connections must be spanner tight per AGA requirements. Make sure gas hose is in good condition and avoid twisting or kinking.

- **Orifice size for models A10-105AU-1, A10-115AU-1 is 0.79 mm.**
- **Orifice size for models A10-105AU-2, A10-115AU-2 is 0.82 mm.**
- **Orifice size for models A10-105AU-3, A10-115AU-3 is 0.88 mm.**
- **The nominal gas consumption for models A10-105AU-1, A10-105AU-2, A10-105AU-3, A10-115AU-1, A10-115AU-2, A10-115AU-3 burners is 11.3 MJ/H.**
- **This appliance shall only be used with propane cylinders certified to standard AS2030.**
- **It may be hazardous to attempt to fit other types of gas containers.**

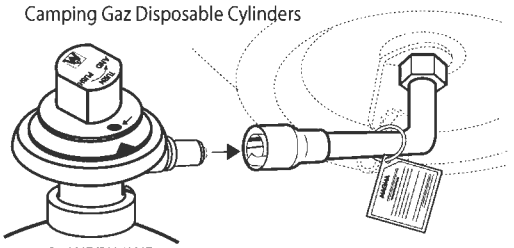
Coleman Type Disposable Cylinders



PROPANE
DOT-39 NRC 228/286

Models A10-105AU-1 & A10-115AU-1

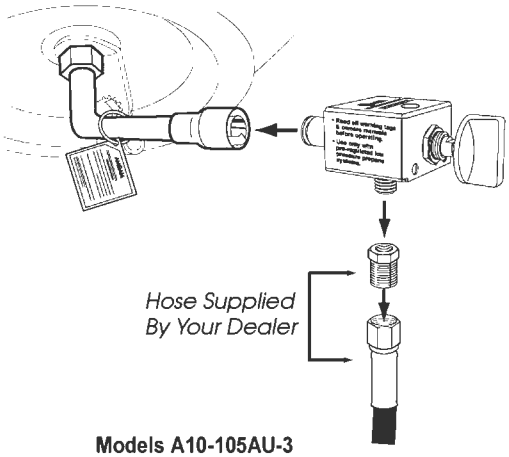
Camping Gaz Disposable Cylinders



PROPANE/BUTANE
CAMPING GAZ CV-470/CV-270

Models A10-105AU-2 & A10-115AU-2

On Board Pre-Regulated
Low Pressure
Propane Systems (LPG)



Models A10-105AU-3 & A10-115AU-3

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