

MOBILE COOKING

TRAINING

2020



Mobile living made easy.



AGENDA

- History of Mobile Cooking
- Mobile Cooking Products
- Shared Product Features
- Ranges and Ovens
- 3 Burner Slide-In Cooktops
- 2 Burner Drop-In Cooktops
- 2 Burner Induction Cooktops
- Appendix

HISTORY OF MOBILE COOKING

- 1909 Brothers James & Seth Atwood establish Atwood Vacuum Machine Company (exit vacuums 1919)
- 1909-1935 growth in automobile industry via universal rubber door bumper, door hinges & seat adjusters
- 1936-1960 enters RV market via trailer coupler, screw-type trailer jack & surge brakes
- 1964-1993 growth via acquisition:
 - Bowen Company - RV water heaters
 - Wedgewood – RV gas range & cooktops (mid-1980s)**
 - Travel Star - RV slide-in range ovens and drop-in ranges giving Atwood 50% of RV market (1989)**
 - Hydroflame - furnaces, making gas appliances the company's core product line
- 1998 RA (Range Atwood) was intended to replace RW (Range Wedgewood) but cost prohibitive
- 2001 RV (Range Vision) ranges were produced to finally replace the RW ranges
- 2010 Atwood acquires Fan-Tastic Vent, then designs the EZ-Breeze Vent, Ultra Breeze Cover & Modern Controls
- 2014 Dometic acquires Atwood
- 2017 Atwood rebranded as Dometic

MOBILE COOKING PRODUCTS



Range and Oven



2 Burner Induction Heat



2 Burner Drop In



3 Burner Slide In



RANGES- COOKTOPS- DROP INS

SHARED PRODUCT FEATURES

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IMPROVED COOKTOP

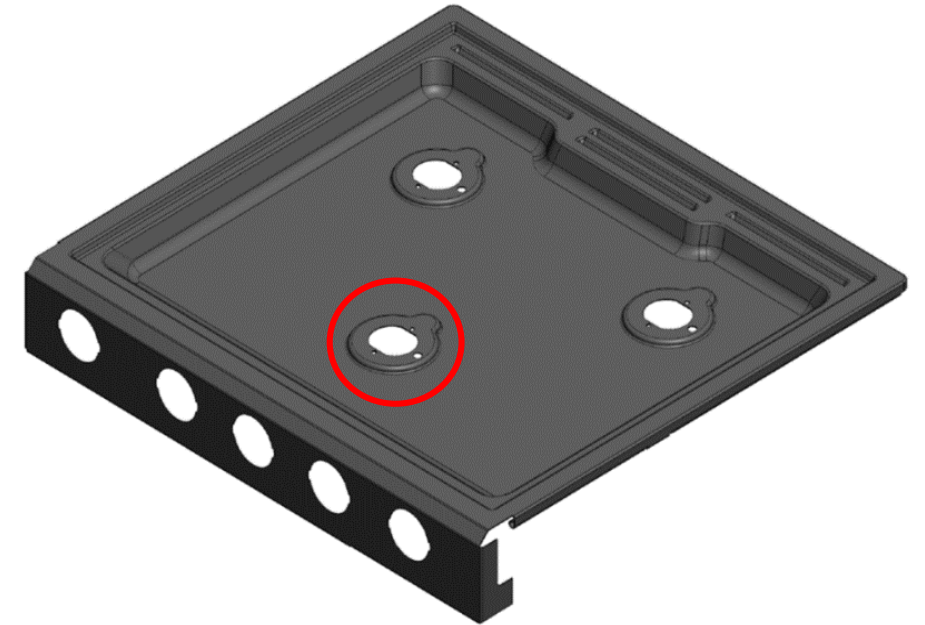
Open Well Burner



Sealed Burner Cooktop



- Easy cleaning since food crumbs & spilled liquid does not fall below cooktop

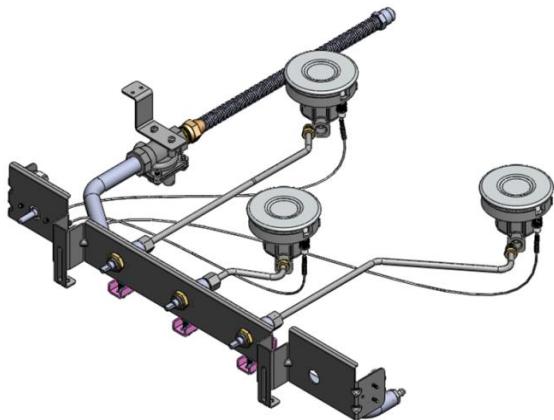


- Seamless cooktop for easy cleaning
- Interchangeable as a slide-in or range cooktop
- Self-trimming top creates a seamless appearance

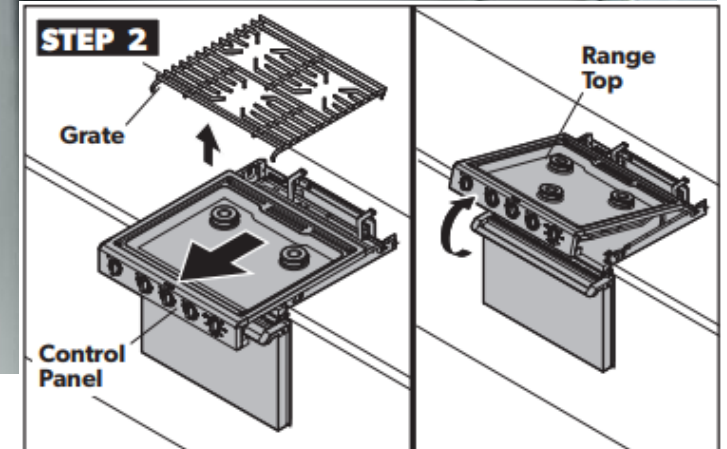
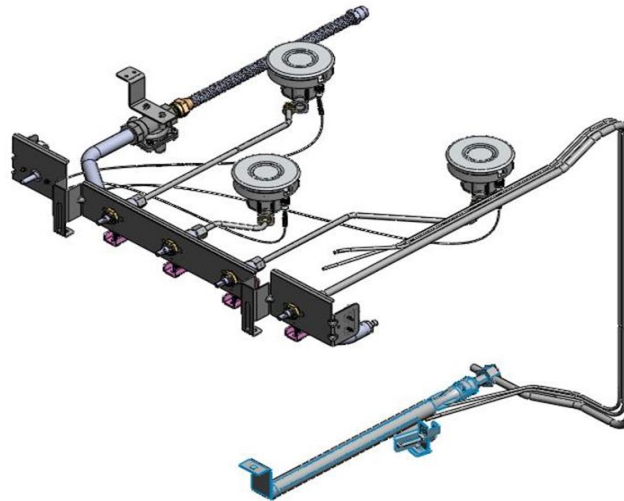
IMPROVED CONNECTION

- Manifold connects directly to cooktop as 1-piece
- Flex hose allows opening of top while supply line is still connected.
- Brings connection to back of range for quicker installation

Cooktop Manifold



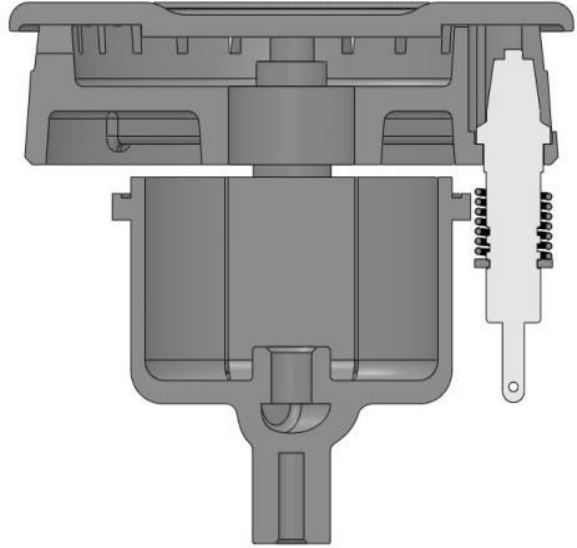
Cooktop Manifold with oven burner



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CLASS LEADING BURNER DESIGN



Dometic Burners

Large 3" burner **spreads flame more evenly under cookware** for controlled cooking
Burners draw air above cooktop so **oven & cabinet doors don't extinguish flame**
Burn cleaner with **less carbon monoxide emissions**, for an efficient blue flame
Sealed burner **prevents food falling below the surface** for easier cleaning
Machined aluminum surface **retains its new appearance longer**
Precision machined for that **polished modern residential appeal**

Furrion Burners

Small burner, **uneven heat distribution**
Draw air below, **door can extinguish flame**
Higher carbon monoxide emissions
Non-sealed burners, **food & crumb trouble**
Cast black coated aluminum harder to clean
Rough, **unpolished appearance**

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SUPERIOR HEATING PERFORMANCE

Dometic outperformed Furrion during standard BTU testing ...

- Boiled water 23% faster (3m38sec) than Furrion in a standard **Time To Boil** test
- Produced 15.2% more actual front burner heat than Furrion (9177 BTU vs. 7963 BTU)
- Produced 8.4% more actual total heat than Furion (23,580 BTU vs. 21,740 BTU)

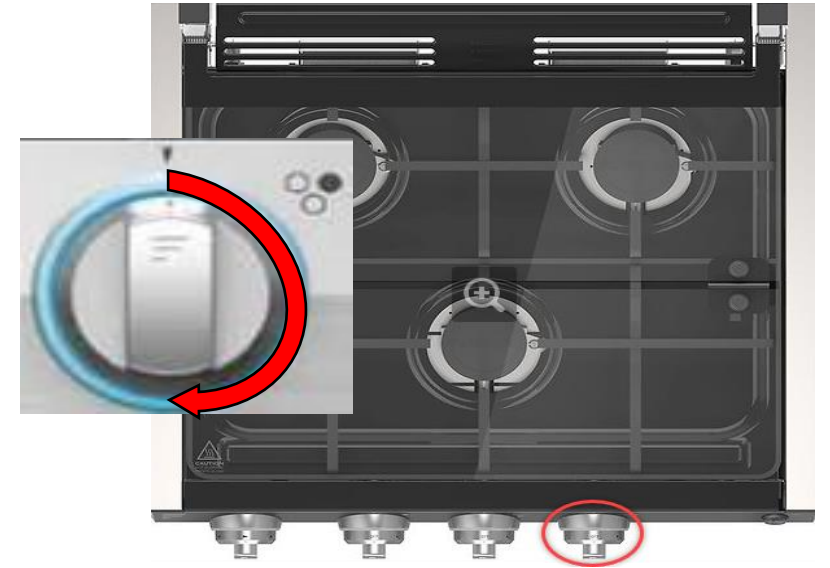


		Dometic 17"	Dometic 17"	Furrion 17"	Furrion 17"
Advertised BTU	Front Burner BTU	9000	+ 12.5%	8000	
	Rear Burner BTU	6500	same	6500	same
	Oven Burner BTU	7100	same	7100	same

Test Results

		Dometic 17"	Dometic 17"	Furrion 17"	Furrion 17"
Actual BTU	Front Burner BTU	9177	+ 15.2%	7963	
	Rear Burner BTU	6746		6791	+ .01%
	Oven Burner BTU	7657	+ 9.6%	6986	
	Total BTU	23,580	+ 8.4%	21,740	

MORE FLAME CONTROL



Dometic

270° Linear burner valves enable knobs to rotate a full 270° for **dialing in the perfect amount of flame** and heat for that “true simmer” control

Recessed **knobs prevent accidental operation**

Proportionate sized **knobs appear streamlined & luxurious**

Temp controls are clearly marked with a rich painted (no decals) appeal

Furrion

Limited 180° rotation means **less flame control**

Protruding **knobs are easy to bump**

Disproportionate **knobs appear bulky**

Limited marks make **flame adjustment difficult**

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IMPROVED GRATES



**Round
Wire**



**Flat
Wire**



**Cast
Iron**



33% more surface accommodates larger cookware,
rectangular wire and cast iron grates are stronger

New larger grates are not backward compatible to
older models

DOMETIC GRATES VS FURRION GRATES



Dometic Cast Iron Grate



Furrion Crosshatch Grate

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IMPROVED GRATE TEST RESULTS

Dometic grates ...

- **Deflected (sagged) 18% less** than Furrion when both our flat rectangular wire grates were subjected to a 35lb load; due to our design which has the thinner edge facing up for strength while Furrion designed theirs with flat side facing up.
- Offer 30 cubic inches **6.36% more cooking surface** than Furrion, a 33% increase over our previous models
- Passed a 4" coffee pot test, verifying our grates **can accommodate small cookware**
- **Are interchangeable** on slide-ins and ranges

		Dometic 17"	Dometic 17"	Furrion 17"	Furrion 17"
1-Piece Grate Flat Rectangular Wire Black Porcelain Surface	Wide	19.33	+ .24"	19.09	504.513
	Depth	17.4	+ 1.85"	15.55	
	Height	1.5	+ .24"	1.26	
	Weight	5.0 lbs.	+ 74%	2.87 lbs.	+30.17 cub"
Test Results					
1-Piece Grate Cast Iron Black Textured Surface	Wide	18.95		19.09	+ .14"
	Depth	17.18	+ 1.63"	15.55	
	Height	1.457	+ .197"	1.26	
	Weight	7.950 lbs.	+ 1.2%	7.85 lbs.(4.45+3.40)	474.342

NEW CONTEMPORARY STYLING



Contemporary style recessed knobs and screen print lettering (no decals)..



RANGES

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RANGES AND OVENS

FEATURES

- Available with 17" or 21" oven
 - Black or Stainless Steel
 - Flat wire or Cast Iron grates
 - Full width oven doors/handles
 - Contemporary recessed knobs
 - Sealed 3" cast burners
- Front is 9100 BTU / (2) Rear are 6500 BTU
- Oven is 7100 BTU
- One piece Cooktop



Stainless Steel



Black

FULL WIDTH OVEN DOOR HANDLES



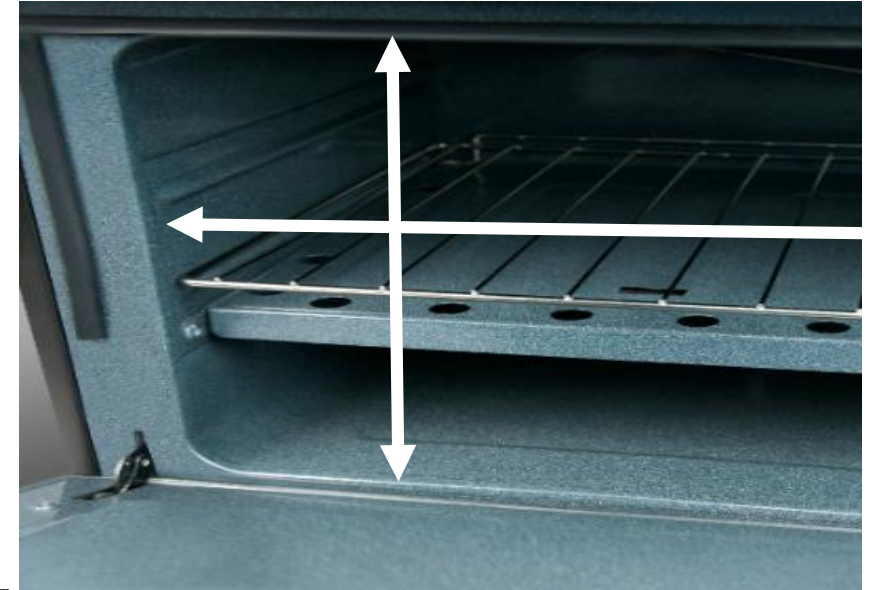
LARGER OVENS & MORE RELIABLE CONSTRUCTION

Dometic vs. Furrion

- Oven is **.75" (5.2%) deeper**
- Oven is **2" (22.2%) taller**
- Oven has **418" (19.1%) more total cubic inches of oven volume**
- Oven has large full-width residential style door
- Dometic ovens are **welded to withstand the rigors of the road**
Furrion ovens are held together by 18-screws & 11-rivots

Test Results

		Dometic 17"	Dometic 17"	Furrion 17"	Furrion 17"
Oven	Wide	15.75		17.00	+ 1.25"
	Depth	15	+ .75"	14.25	
	Height	11	+ 2.00"	9.00	
	Total Cubic Inches (Volume)	2598.75	+ 418.50"	2180.25	



- Oven measurements are wall to wall and top to bottom. Not from oven shelf to top of interior oven.

EASY COUNTER TOP INSTALLATION

No need to notch the countertop!

- All SKUs accommodate recessed or counter top installations
- Removable insert for notch or no notch design
- Just slide and secure range into place

		Dometic 17"	Furrion 17"
Cutout size	Width	20 1/4"	20 1/8"
	Depth	17 3/4"	17 3/4"
	Height	16"	16 1/8"
Measurements			
		Dometic 21"	Furrion 21"
Cutout size	Width	20 1/4"	20 1/8"
	Depth	17 3/4"	17 3/4"
	Height	20"	20 1/16"



LESS WEIGHT THAN THE COMPETITION

Dometic

17" Range = avg. 52 lbs.
21" Range = avg. 58 lbs.

7% to 20% lighter than competition

Furrion

17" Range = 56 lbs.
21" Range = 70 lbs.

Heavier Range = Heavier Coach

OPTIONAL BI-FOLD COVERS

Black Glass



Brushed Stainless Steel



Hinges no longer touch top of grate, due to hardware modification.
Great way to increase counter space.



3 BURNER SLIDE-IN COOKTOP

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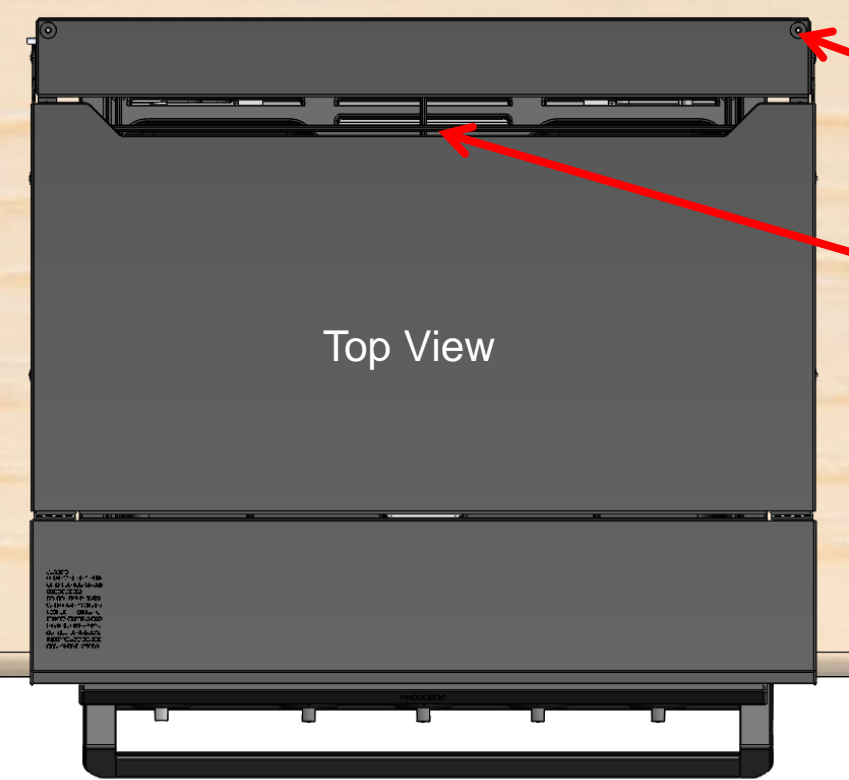
 **DOMETIC**

3 BURNER SLIDE-IN COOKTOP

- Black or Stainless Steel
- Flat wire or Cast Iron grates
- Contemporary recessed knobs
- Sealed 3" cast burners
- Piezo ignition
- One piece Cooktop

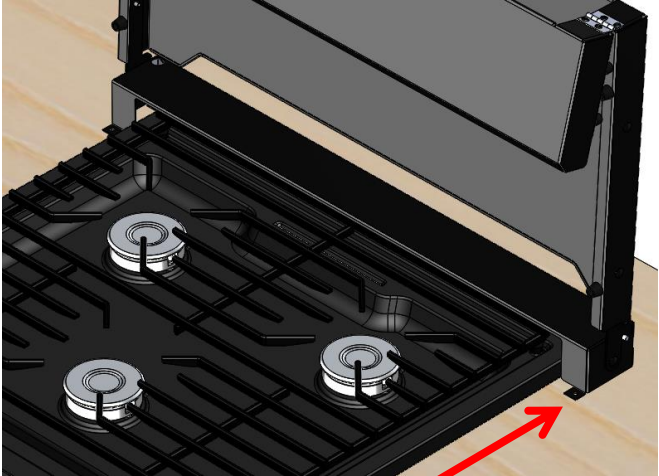


BIFOLD COVER INSTALLATION



Bifold cover screw holes

Range & Cover Vent Align



Bifold cover attaches to counter in 2 places





2 BURNER DROP-IN COOKTOP

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 **DOMETIC**

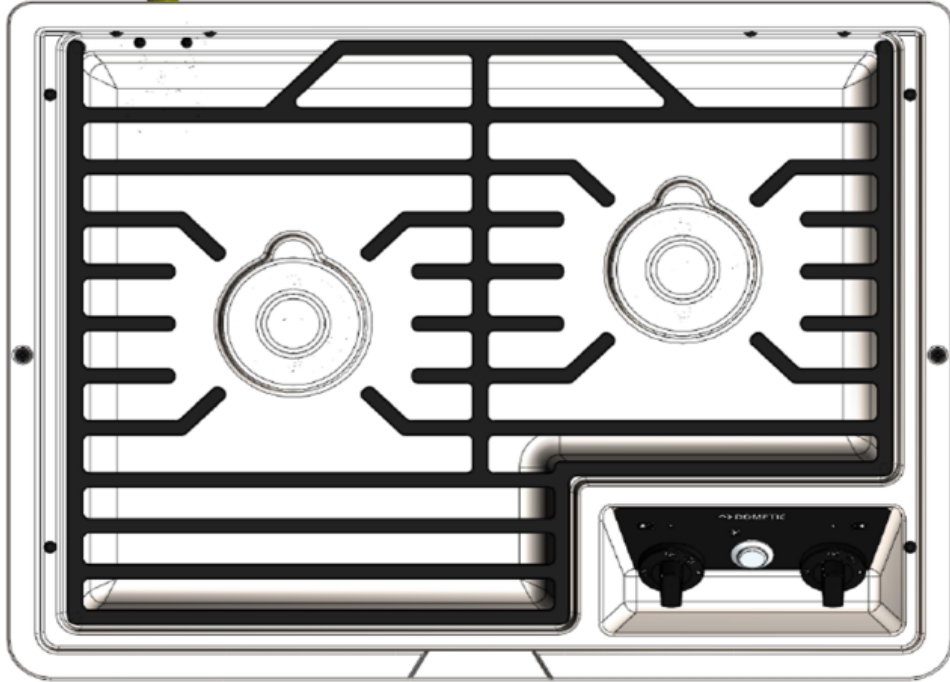
2 BURNER DROP-IN COOKTOP

- This release impacts the 2 burner drop-in (only)
- Black Porcelain or Stainless Steel
- Large 3” cast aluminum sealed burners
- High output burners
7,200 BTU (L) and 1-5,200 BTU (R)
- Recessed controls
- Piezo Ignition, battery and 12v Electric ignition
- Round Wire Grate, Smooth Surface (Standard)
Cast Iron Grate, Textured Surface (Upgrade)
- BLACK GLASS or BLACK METAL covers (Optional)
- Mounts flush in counter
- Wind guards available on metal cover (only)



MORE COOKING SURFACE

Larger Cooking Surface



Flush mount design requires a larger burner box to accommodate the under counter heat. Result was a larger cooking surface.



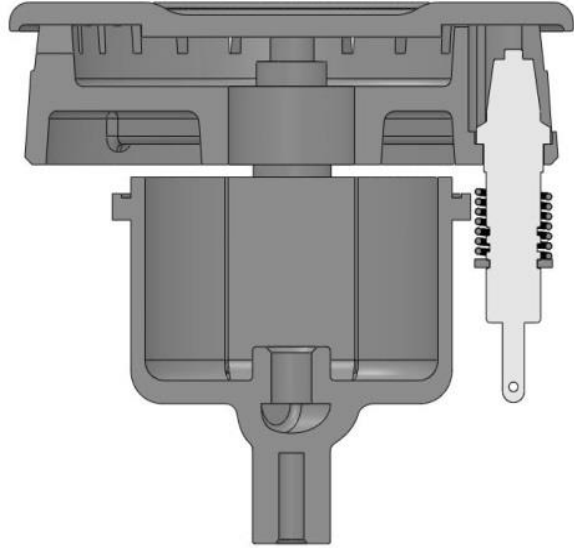
Old Style



New Flush Mount

Flush mount design is modern looking and adds additional counter space when cover is closed.

CLASS LEADING 2 BURNER DESIGN



Dometic Burners

Large 3" burner **spreads flame more evenly under cookware** for controlled cooking
Burners draw air above cooktop so **oven & cabinet doors don't extinguish flame**
Burn cleaner with **less carbon monoxide emissions**, for an efficient blue flame
Sealed burner **prevents food falling below the surface** for easier cleaning
Cast silver aluminum ensures **long life** & presents a **modern residential appeal**

Suburban Burners

Small open well burner, **uneven heat**
Draw air below, **doors can extinguish flame**
Higher carbon monoxide emissions
Non-sealed burners, **food & crumb trouble**
Stamped steel, dated appeal

2 BURNER DROP IN COOKTOP – IGNITION

Piezo (spark ignition)



12v Electric (standard with Stainless Steel)



★ Discontinuing Battery ignition when inventory is gone

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DOMETIC

DROP-IN COVERS



SUBURBAN

DROP-IN COVERS

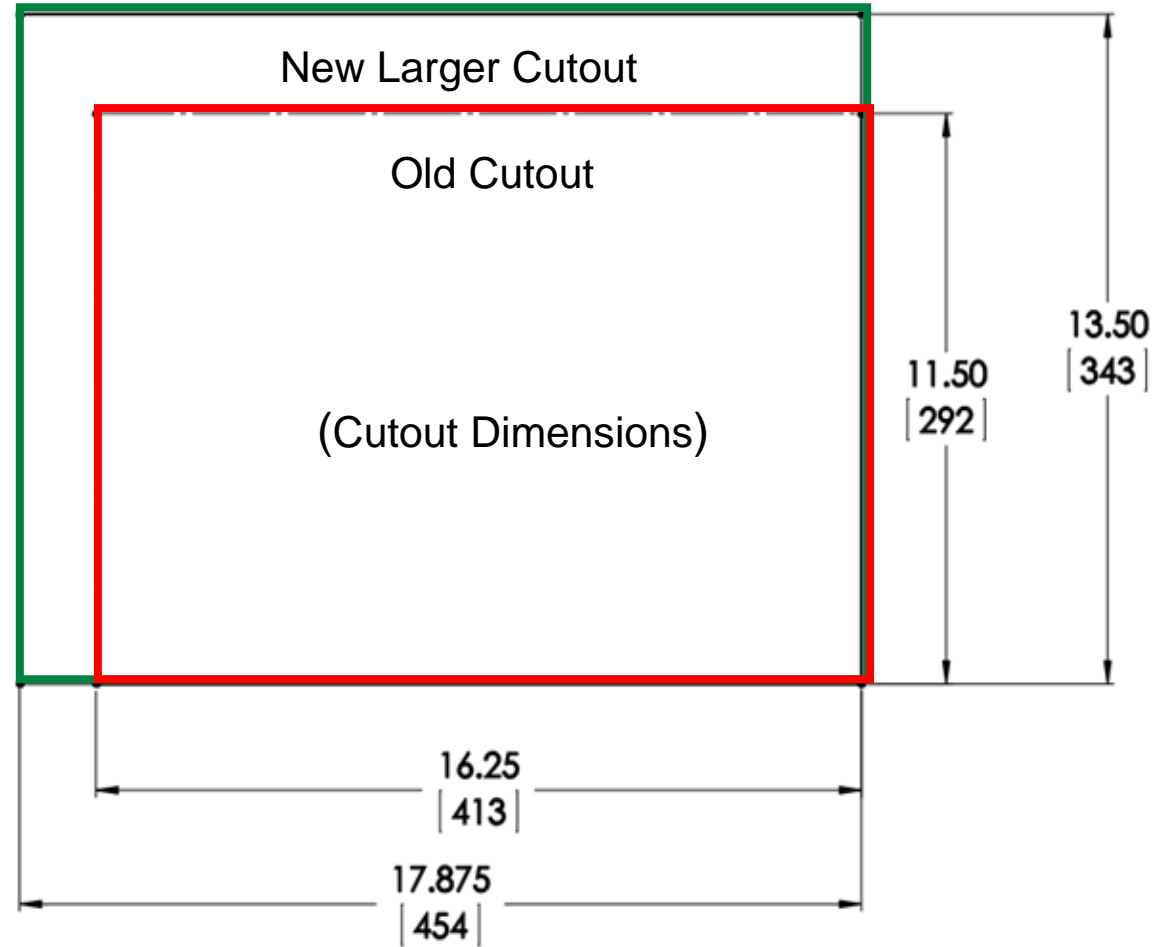


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2 BURNER DROP IN COOKTOP - CUTOUT

- New drop-in needs larger cutout
- Not backward compatible with pre-fab outdoor kitchen drawers





INDUCTION COOKTOPS

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 **DOMETIC**

2 BURNER HEAT INDUCTION COOKTOP

- Electric currents directly heat cookware through magnetic induction (not conduction)
- Ultra slim surface, one piece solid glass
- Energy efficient burners deliver combined 1800 watts max (1500 watts max to single burner)
- Temp settings from 1 to 10 (or) choose 150°F to 450°F
- 150 minute timer
- Individual element “ON” indicator light
- Child proof lockout
- Compatible with induction ready cookware



Tony Diaz, Dometic's New RV Induction Cooktop, Youtube 5m
<https://youtu.be/HADi0JnDX2M?t=17>

CHANGES TO INDUCTION COOKTOP



Old Model 55890 (w/b K status)

- No Fan Covers
- Light duty power cord
- Higher watts



New Model 55889 (Coming Soon!)

- Fan Covers
- Heavier gauge power cord
- Lower watts

7/26/19 no inventory to sell of existing model. SOP estimated to be around September 2019, with delivery around November.



New (left) Old (Right)



APPENDIX

MODEL NUMBERS

DOMETIC 2-YEAR PROTECTION PLUS WARRANTY

2-YEAR
Warranty



Dometic covers
PARTS, LABOR
and FREIGHT

LIMITED TWO-YEAR WARRANTY (DOMETIC COOKTOPS, RANGES, AND SLIDE-INS)

THE SELLER NAMED BELOW MAKES THE FOLLOWING WARRANTY WITH RESPECT TO THE DOMETIC PRODUCT:

1. This Warranty is made only to the first purchaser (hereinafter referred to as the "Original Purchaser"), who acquires the Dometic Product for his or her own use and when the Dometic Product is installed and operated within the continental United States and Canada.
2. WARRANTY PERIOD: This Warranty will be in effect for two (2) years from the date of purchase by the Original Purchaser. The Original Purchaser should retain a copy of the dated bill of sale as evidence of the date of purchase.
3. WARRANTY: This Warranty covers labor, specified parts, and freight. The Dometic Product shall be free from defects in material and workmanship at the time of sale and under normal use. All Dometic Products (except those specifically built for commercial use) are warranted only when installed per the Seller's installation instructions on vehicles built to R.V.I.A. A119-2 and C.R.V.A. Z-240 Standards. This Warranty does NOT cover conditions unrelated to the material and workmanship of the Dometic Product. Such unrelated conditions include, but are not limited to: (a) damage not reported within 10 days of ownership; (b) failure or damage caused by storms, rain, lightning, or any acts of God; (c) faulty installation or installation that does not comply with the Seller's instructions or R.V.I.A. and C.R.V.A. standards, and any damage resulting from such; (d) damage or failure caused by installation of accessories not manufactured and marketed by the Seller or any non-Dometic parts that are installed as replacement parts; (e) the

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SUBURBAN 2-YEAR COOKING APPLIANCE LIMITED WARRANTY



TWO YEAR LIMITED WARRANTY SUBURBAN RECREATIONAL VEHICLE COOKING APPLIANCE

**2-YEAR
Limited
Warranty**

TWO YEAR LIMITED WARRANTY

This Suburban product is warranted to the original purchaser to be free from defects in material and workmanship under normal use and maintenance for two years from date of purchase whether or not actual use begins on that date. All porcelain parts, including top burner grates, are acceptable only as of the date the product was manufactured. It is the responsibility of the consumer/owner to establish the warranty period by completing warranty registration cards for its standard warranty. You are required to furnish proof of purchase date through a Bill of Sale or other proof of purchase.

Suburban will replace any parts that are found defective within the first two years and will pay a warranty service allowance to the nearest Service Center at rates mutually agreed upon between Suburban and its recommended service centers. Replacement parts will be supplied within the Continental United States, Alaska and Canada to the recommended service center performing such repairs. **All freight charges will be the responsibility of the owner.** The exchanged part or unit will be warranted for only the unexpired portion of the original warranty. **DO NOT PAY THE SERVICE CHARGES.** **PAYMENTS WILL NOT BE REIMBURSED.**

Suburban reserves the right to examine the alleged defect in the range appliance or component parts, and it is the owner's obligation to provide access to the range appliance and/or component parts to Suburban or its representative. When returning a range appliance, it must include all components. Returned component parts must be individually tagged and identified with the range appliance's model number, serial number and date of return.

For warranty service, the owner/user should contact the nearest recommended Suburban Service Center, advising them of the model and serial numbers (located underneath the main top) and the nature of the defect. **Transportation of the RV to and from the Service Center and/or travel expenses of the owner/user to the Service Center to your location is the responsibility of the owner/user.** A current listing of recommended service center may be obtained from Suburban's website: www.Airxcel.com. If you cannot locate a recommended service center locally, the service agency chosen to perform warranty repairs must contact our Service Department at 423-775-2131 for authorization before repairs. Unauthorized repairs made will not be paid by Suburban.

LIMITATIONS

ANY IMPLIED WARRANTIES OF MERCHANTABILITY ARE HEREBY LIMITED IN DURATION TO THE PERIOD FOR WHICH THIS WARRANTY IS IN EFFECT. NO STATE LAWS DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS SO THE ABOVE LIMITATIONS DO NOT APPLY TO THE EXTENT PERMITTED BY LAW. THE EXPRESSED WARRANTIES MADE IN THIS WARRANTY ARE EXCLUSIVE AND MAY NOT BE ALTERED, MODIFIED, OR EXTENDED BY ANY REPRESENTATIVE, DISTRIBUTOR, DEALER OR OTHER PERSON WHOMSOEVER.

**Owner pays all
FREIGHT costs of
warranty parts**

EXCLUDED REPAIRS OR REPLACEMENTS:

- 1. Repairs or replacements required by the installation, operating and service instructions owner's manual including cleaning of component parts and cleaning or maintenance of the range appliance.
- 2. Repairs or replacements which indicate the range appliance is operating properly, or diagnosis without repair.
- 3. Repairs or replacements as a consequence of faulty or incorrect installation or application not in conformance with Suburban instructions.
- 4. Repairs or replacements to any painted or porcelain enamel parts.
- 5. Repairs or replacements due to loose or disconnected wires; water or dirt in controls, fuel lines and gas tanks; improper gas pressure; low voltage.
- 6. Repairs or replacements due to cleaning or adjustment of components; electrode, burner tube, pilot and thermocouple.
- 7. Costs incurred in gaining access to the range appliance.
- 8. Parts or accessories not supplied by Suburban.
- 9. **Freight charges incurred from parts replacements.**
- 10. Damage or repairs needed as a consequence of any misapplication, abuse, unreasonable use, unauthorized alteration, improper service, improper operation or other misuse.

**Suburban covers
PARTS & LABOR**

FURRION 1-YEAR LIMITED WARRANTY

Warranty

**1-YEAR
Warranty**

Your appliance is covered by a **one year limited warranty**. For one year from your original date of purchase, Furrion will pay costs for repairing or replacing any parts of this appliance that prove to be defective in materials or workmanship when such appliance is installed, used and maintained in accordance with the provided instructions.

Exclusions

this warranty does not cover the following:

1. Products with original serial numbers that have been removed, altered or

FURRION

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17" RANGE AND OVEN - MODEL NUMBERS



Model #	Top Color	Door Color	Ignition	Grate	Knobs Color
50422	Black	Black	Piezo	Flat Wire	Black
50423	Black	Black	Piezo	Cast Iron	Metalized
50425	Black	Stainless Steel	Match Lit	Flat Wire	Metalized
50426	Black	Stainless Steel	Piezo	Flat Wire	Black
50427	Black	Stainless Steel	Piezo	Flat Wire	Metalized
50428	Black	Stainless Steel	Piezo	Cast Iron	Metalized
50429	Stainless Steel	Stainless Steel	Piezo	Flat Wire	Metalized
50430	Stainless Steel	Stainless Steel	Piezo	Cast Iron	Metalized
50459	Stainless Steel	Stainless Steel	Piezo	Flat Wire	Black

21" RANGE AND OVEN - MODEL NUMBERS



Model #	Top Color	Door Color	Ignition	Grate	Knobs Color
50442	Black	Black	Piezo	Flat Wire	Black
50443	Black	Black	Piezo	Cast Iron	Metalized
50444	Black	Stainless Steel	Piezo	Flat Wire	Black
50445	Black	Stainless Steel	Piezo	Flat Wire	Metalized
50446	Black	Stainless Steel	Piezo	Cast Iron	Metalized
50447	Stainless Steel	Stainless Steel	Piezo	Flat Wire	Metalized
50429	Stainless Steel	Stainless Steel	Piezo	Flat Wire	Metalized
50462	Black	Stainless Steel	Piezo	Cast Iron	Black

SLIDE-IN COOKTOPS & BI-FOLD COVERS - MODEL NUMBERS

SLIDE-IN COOKTOPS

Model #	Top Color	Ignition	Grate	Knobs Color
50300	Black	Match Lit	Flat Wire	Black
50301	Black	Piezo	Flat Wire4	Black
50302	Black	Piezo	Flat Wire	Metalized
50303	Black	Piezo	Flat Wire	Metalized
50304	Stainless Steel	Piezo	Cast Iron	Metalized
50310	Black	Piezo	Cast Iron	Metalized



BI-FOLD COVERS

50469	Stainless Steel
50470	Black Glass

DROP-IN COOKTOPS, COVERS & GRATES - MODEL NUMBERS

COOKTOPS

Model #	Top Color	Ignition	Grate	Knobs Color
50210	Black	Piezo	Wire	Black
50211	Black	Battery	Wire	Black
50214	Stainless Steel	Piezo	Wire	Black
50215	Stainless Steel	Battery	Wire	Black
50216	Stainless Steel	12 Volt	Cast Iron	Black



COVERS AND REPLACEMENT GRATE

50222	Drop-in Cooktop Kit w/ Glass Cover
50236	Black Metal Cover w/ Side Shields
50247	Drop-in Cast Iron Grate



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↗ DOMETIC