

ATWOOD PRODUCT LINES

FANTASTIC VENTS, FURNACES, WATER HEATERS, AIR COMMANDS, RANGES, DETECTORS, AND HELIUM REFERS

2018 TRAINING

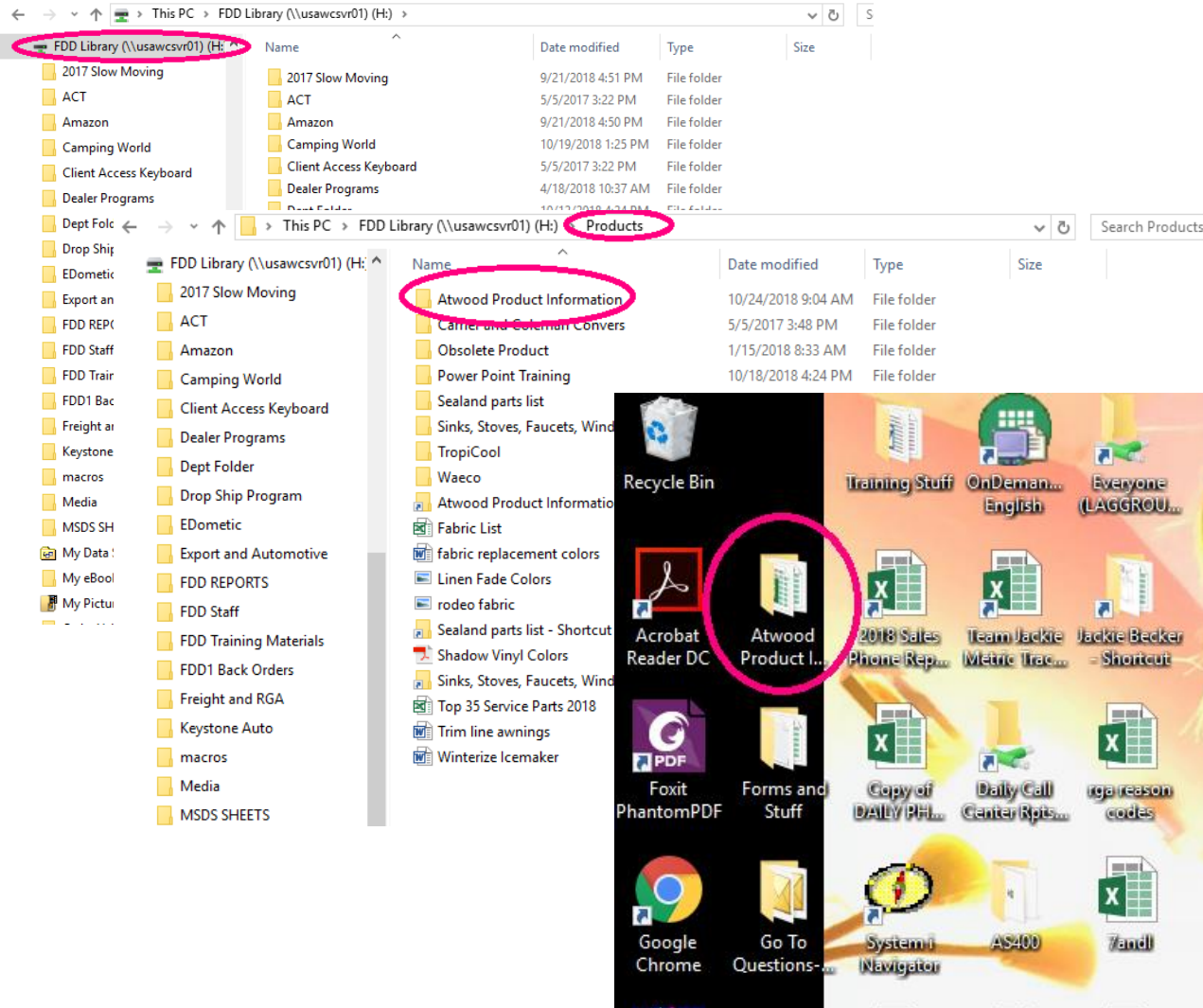


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KNOW WHERE YOUR TOOLS ARE AND HOW TO USE THEM

YOU SHOULD HAVE AN “ATWOOD PRODUCT INFORMATION” FOLDER ON YOUR DESKTOP



If you do not have this folder this is how you get it:

1. Go to FDD LIBRARY
2. Go to PRODUCTS FOLDER
3. Select Atwood Product Information
4. Drag that Folder to your Desktop

INSIDE THE FOLDER YOU WILL FIND MOST TOOLS YOU NEED FOR ATWOOD PRODUCTS

Name	Date modified	Type	Size
Air Conditioners	12/28/2017 9:20 AM	File folder	
Alarms & Detectors	5/5/2017 3:47 PM	File folder	
Fantastic Vent	8/7/2018 4:33 PM	File folder	
Furnaces	9/12/2018 12:28 PM	File folder	
Ranges	10/23/2018 1:07 PM	File folder	
Ranges and Cook Tops Project	10/19/2018 12:00 ...	File folder	
Refer	3/1/2018 8:37 AM	File folder	
Training Documents	8/17/2018 5:05 PM	File folder	
Water Heaters	5/5/2017 3:48 PM	File folder	
Atwood parts - marine 6-15-16	6/15/2016 3:21 PM	Microsoft Excel W...	11 KB
Atwood Product Training 4-5-16 (Autosa...	6/19/2018 4:57 PM	Microsoft Excel W...	7,041 KB
Atwood Product Training 4-5-16 (Autosa...	10/16/2018 4:22 PM	Shortcut	2 KB
Atwood Product Training 4-5-16	5/13/2016 12:24 PM	Microsoft Excel W...	7,040 KB
Atwood Product Training 4-5-16.xlsx - Sh...	4/11/2018 4:38 PM	Shortcut	2 KB
Atwood Product Training 4-5-16.xlsx - Sh...	6/5/2018 1:03 PM	Shortcut	2 KB
Atwood Product Training 4-5-16.xlsx - Sh...	6/13/2017 11:06 AM	Shortcut	2 KB
Atwood Product Training 4-5-16.xlsx - Sh...	3/14/2018 8:45 AM	Shortcut	2 KB
Atwood Product Training 4-5-16.xlsx - Sh...	3/31/2017 9:03 AM	Shortcut	2 KB
Atwood Product Training 6-11-18	6/11/2018 1:53 PM	Microsoft Excel W...	7,040 KB
Atwood Product Training	2/13/2018 9:42 AM	Microsoft PowerP...	21,089 KB
Copy of Atwood Product Training 4-5-16	5/9/2018 4:50 PM	Microsoft Excel W...	7,040 KB
FTV New Part-Model Numbers-TCM X-R...	8/24/2016 11:59 AM	Microsoft Excel W...	666 KB
Refrigerator Service Manual rev 9 - May 2...	4/27/2016 5:00 PM	Adobe Acrobat D...	1,160 KB
WH_Furn Data Tags	6/8/2017 11:26 AM	E-mail Message	181 KB

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FANTASTIC VENTS

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 **DOMETIC**

FANTASTIC VENT PRODUCTS



Fantastic Vent



Ultra Breeze



Endless
Breeze



EZ-Breeze

FANTASTIC VENTS

QUICK IDENTIFICATION GUIDE

Most Important Question: *Do you have a model number?*

Yes – this is everything you need to know (See Model # matrix on next slide for how to read)

No – *Can you get a model number* (current models have numbers on the motor or inside the dome)

Yes - (Refer to model # Matrix)

No - (Prior to 2000 models had no identification tag) You will have to ask a series of questions to help the customer.

Is this a Complete Replacement or is this a Parts Only Replacement?

Complete Replacement – *Is this **wall controlled (tstat)** or are the **controls on the fan (manual)**?*

Wall controlled – what type of wires? (Analog [single wires] or Telephone)

- **Analog** must be replaced out with the 7350 Wireless Unit (Unless a B model fan which are used in Bathrooms and have no circuit boards)
- **Telephone Wire** is the current control type so please see the Parts Only Replacement questions.

Is the Lid a Flat lid or a Dome lid?

Is it High or Low Profile?

Parts Only Replacement – Answers to these questions can be used with model # matrix to identify vent or equivalent

- *Where is the lift switch, speed control, and tstat located? (wall or fan)*
- *Is there a reversing switch? If yes, where is it located?*
- *Does it have a remote control? If yes, what shape? (Oval = 7350, Rectangle = 6600)*
- *Flat or Dome Lid*
- *High or Low profile*

Fan-Tastic Vent Next Gen. Finished Model Number Breakdown

Revised 10/30/14

MODEL CHARACTER BREAKDOWN

*XXX1 = Special Build
X2XX = Base Model-No Rain Sensor (Not EZ option)
X3XX = Base Model w/ Rain Sensor (Not EZ option)
XX5X = Reverse (base option) (Not EZ option)
XX75 = Bulb T-Stat & Reverse (base option)(Not EZ option)

Product Prefix's

EA = EZB AFTERMARKET
EZ = EZB OEM
FA = FTV AFTERMARKET
FV = FTV OEM

Base Type

EW = Euro White
HB = High Profile Black
HG = High Profile Grey
HW = High Profile White
LB = Low Profile Black
LG = Low Profile Grey
LW = Low Profile White
XB = Clamp Base Black
XW = Clamp Base White
ZB = EZ Breeze Black
ZW = EZ Breeze White

DOMES

BD = Black Dome
CD = Clear Dome
CB = Clear Double Dome
BF = Black Flat Dome
CF = Clear Flat Dome
SF = Smoke Flat Dome
WF = White Flat Dome
GF = Grey Flat Dome
GD = Grey Dome
SD = Smoke Dome
SB = Smoke Double Dome
WD = White Dome
WB = White Double Dome
ND = No Dome
ZZ = EZ Breeze integrated Base

Note: EZBreeze

Options not marked with "EZ" do not apply and are not available to the product

-SP = Single Pack
No Dash = Bulk Pack

FA1250HWUSD81-SP

= AFTERMARKET 5000RBT
High Profile White Base, No Travel Lock,
Smoke Dome, White Interior, Single Pack.

T = Travel Lock
(FV/AM only)
U = No Travel Lock
(FV,AM,EZ)

FTV NEW MODEL NUMBERS

0500 = EZ Breeze Standard Static Vent (500)
0600 = EZ Breeze Standard Power Vent (600)
0800 = Static Vent (800)
0900 = Static Vent (900)
1200 = Manual (3-Spd-4000, 8000)
1250 = Manual (3-Spd, w/ Rev-4000R)
2200 = Manual (3-Spd, Bulb T-Stat-4000BT)
2250 = Manual (3-Spd, Bulb T-Stat w/ Rev-5000RBT)
3300 = Automatic (3-Spd, Bulb T-Stat, Up/Dn, RS-6000BT)
3350 = Automatic (3-Spd, Bulb T-Stat, Up/Dn, RS, w/ Rev-6000RBT)
4100 = Automatic w/Controller (No PCB, 3-Spd, w/ Up/Dn, On/Off -B2000/B8100)
4200 = Automatic w/Controller # 7, (3-Spd, Up/Dn)
*4201 = Automatic w/External Wires for DM (3-Spd, - 2000/8100 DM)
*4251 = Automatic w/External Wires for DM (3-Spd, Rev - 2000/8100RDM)
*4301 = Automatic w/External Wires for DM (3-Spd, RS, - 2000/8100DMS)
*4351 = Automatic w/External Wires for DM (3-Spd, RS, Rev - 2000/8100RDMS)

5200 = Automatic w/Controller # 4, (Var, Up/Dn
5250 = Automatic w/Controller # 3, (Var, Up/Dn, Rev)
5300 = Automatic w/Controller # 2, (Var, Up/Dn, RS)
5350 = Automatic w/Controller # 1, (Var, Up/Dn, Rev, RS)
6300 = Automatic w/Controller #11, (Var, Up/Dn, RS, Temp)
6350 = Automatic w/Controller # 8, (Var, Up/Dn, RS, Temp, Rev)
7300 = Automatic w/Controller #12, (Same as #8 Wireless, 6600)
7350 = Automatic w/Controller # 9, (Same as #11 Wireless, 6600R)

Interior Color Codes

10 = Grey
80 = Off-White
81 = White (EZoption)

\\NAVCXW\DVD-01\ENGINERING\PRODUCT\PART NUMBER LOGS\PRODUCTION PART NUMBERS\Fan-Tastic Vent part number diagram\FTV Next Gen Model Smart Number Breakdown-Final_09.03.14

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FANTASTIC VENTS

QUICK REFERENCE

- Older Model Wired Fans (Not Manual Lift) will need to be replaced out with the 7350 upgrade kit. It is a wireless system and is the easiest replacement/conversion available.
- Old Style (Rectangle Remotes) operated off of RF (radio frequency) and required programing; New Style Remotes (Oval Remotes) are IR (infrared) and do not require programing. For this reason if they are trying to replace an old remote (or remote system) they will need to do a full upgrade to the 7350 wireless system.
- For Replacement Parts you will need to use your training spreadsheet. (See next slide for ways to find parts.)
- 3 speed options (High, Medium, Low)
- A Double Dome / Insulated Dome are the same thing – it is a dome on top of a flat lid and the purpose is to prevent condensation build up. (Most Common in Euro Applications, but some US applications)
- Occasionally you may be asked about a “No Dome Application” – this is for instances where air circulation is needed but a dome cannot be used.
- The Create – a –Breeze was a trial product that ran from 2000-2013. It is NLA and no parts are available. You replace this from our current line-up (EZ – Breeze).
- Older bases were made out of an ASA material, newer bases are made out of Calcium Filled Polypropylene and standard sealants will not stick. Have them use DICOR LSW501.

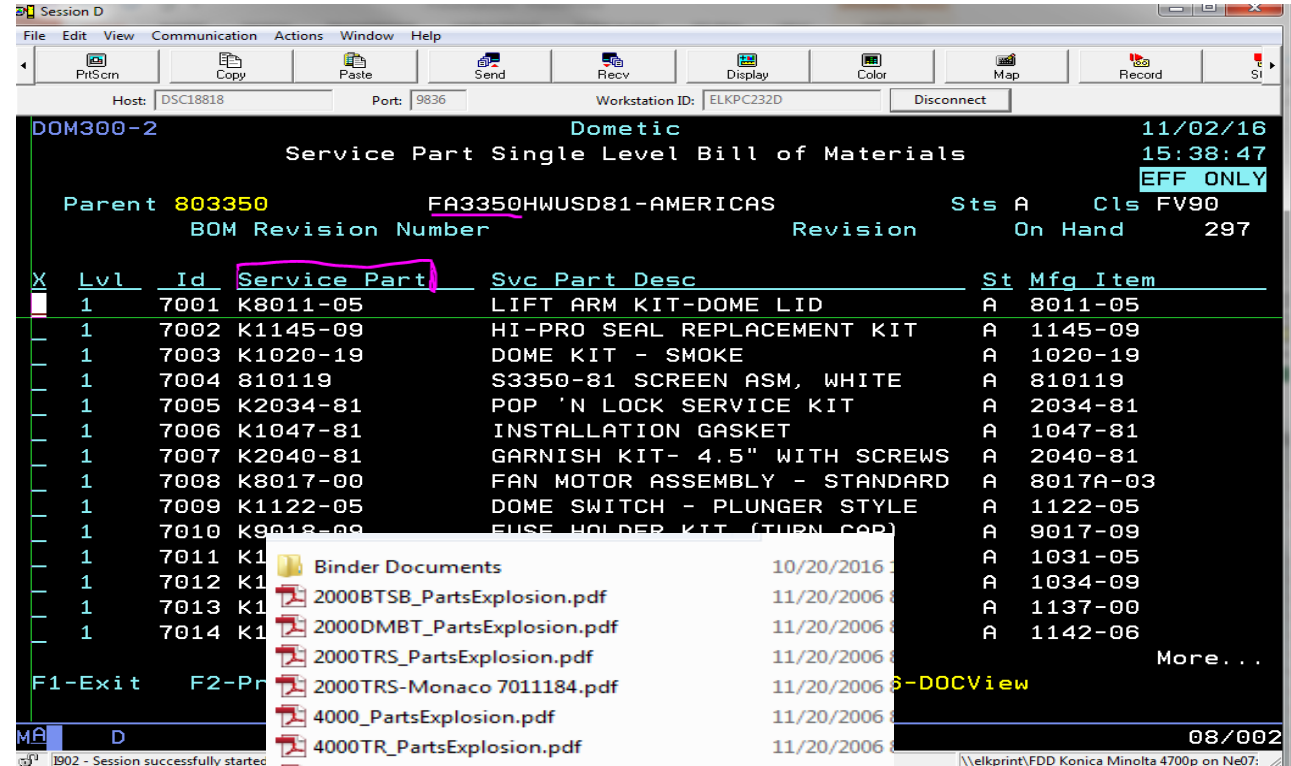
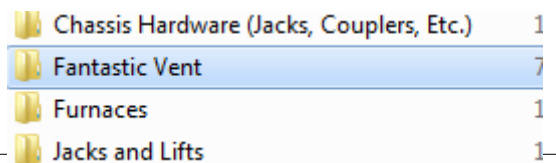
FANTASTIC VENTS

FINDING PARTS

1. You can find current FV part lists by going to the “Atwood Product Training” excel document and following the chart on the New FV Parts Lists.

1	4010-81 LOW PROFILE WHITE	X	X	X	X	X
2	8010-09 HIGH PROFILE BLACK	X	X	X	X	X
◀▶ Fantastic Vents New FV Parts List Current Pr						
EADY						

2. You can also put a current Part number into ORD 27, 31
3. For older models, you can open the “Fantastic Vent Folder” from the “Atwood Product Information” folder and select the “Parts List” folder and select your model.



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FANTASTIC VENTS

ANSWERS TO FAQ'S

Which way does the air flow in normal operation?

- Under Normal Operation the fan is pushing air out; in Reverse mode (available only on fans with this option) it is pulling air in.

If the rain sensor is activated and closes the lid/powers off the vent, will it automatically come back on after it dries out?

- No, it will not automatically re-open/re-start upon drying.

The customer's fan will not operate after install/repair, is there anything quick they can check?

- Yes, have them check to see if the dome switch has come loose. If this is not tight it will not ground properly and therefore will not operate.

What is the difference between High and Low Profile?

- The overall thickness of the vent is the same! The difference lies in how much of the vent sticks out from the roofline. High profile goes 7/8" into the ceiling and Low profile goes 1 5/8" into the ceiling.
- ALL AFTERMARKET VENTS ARE HIGH PROFILE – OEM has the option.

My customer has an older unit with a wall thermostat and it isn't working – how can I help?

- Older, Wired vents get replaced with a 7350 wireless system

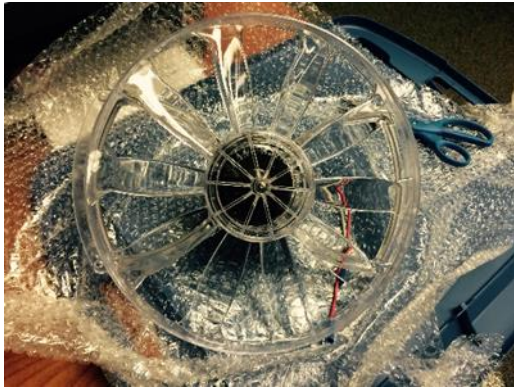
FANTASTIC VENTS

HANDY INFORMATION

- Vents DO NOT cool, but instead neutralize and circulate the air, moving up to 900 cu. ft. per minute.
- Models 800 & 900 are STATIC meaning they are non-powered and the only difference between the two is the color (800 white , 900 smoke)
- Models that end in **50** have the reverse option (1250 = 1200 vent w/Reverse Option, 1200 = no reverse option)
- EZ – Breeze does not have a lifting dome. The dome is not removable or replaceable, if it breaks they must replace the entire unit as it is completely self contained.
- “B” model fans are used in bathrooms (damp areas) and have no circuit boards.
- Sometimes customers want the taller 6” garnish – K1060-81(White) K1060-80 (Off-White)
- In most replacement instances you will be replacing with the 7350
- Motors – the old “Can Style” can be replaced out with the new “Pancake Style” motor in all instances. They do not have to buy a whole new vent, but instead can just upgrade the motor if they so choose.

FANTASTIC VENT PICTURES

Fan Blade



Fantastic Vent w/ Pancake Style (current) motor



Can Style (Old) Motor



Garnish



IR (Current) Remote



RF (old) Remote



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FANTASTIC VENT PICTURES

- Dome



- Reverse Switch



- Ultra Breeze



- Lift Arm



- Endless Breeze



- EZ-Breeze



NEW PRODUCT – COMING SOON

1400/1450 HIGH-POWERED VENT FAN



The future of high-powered RV ventilation this product features:

- 3 speed operation via a thermally protected analog switch
- Ceiling Fan operation option (Fan can run with the lid closed)
- Light Weight (7.5lbs installed) W/ increased structural support
- Integrated Mounting Brackets which allow for easy installation without drilling.
- Pop N Lock screens for easy cleaning
- Manual operation to raise and lower lid

Dimensions: **Width:** 18.72"

Depth: 16.44"

Height: 5.76"

ABOUT THE ULTRA BREEZE:

- Serves as Vent protection
 - • Patented design utilizes airfoil technology
 - • Blocks the rain, not the airflow: retains up to 95% airflow
 - • For use with all types of roof vents
 - • Fits standard 14"x14" vent openings
 - • Installs easily without any drilling
 - • All hardware is included.
-
- Bug Screens available :
U1550WH Bug Screen, White
U1550BL Bug Screen, Black



Dometic EX-BREEZE VENT FAN**Roof Vent, white****Part Numbers-**

800600 EZ-BreezeR, 12 volt, White
 800601 EZ-BreezeR, 12 volt, Smoke
 800500 EZ-BreezeR, Static Vent, White
 800501 EZ-BreezeR, Static Vent, Smoke

Uniquely designed with a built-in rain cover to provide air circulation throughout the RV without ever needing to open the dome.

- No special wiring
- Keeps air moving
- Easy to install

Dimensions **Dimensions product depth 16.46 "**

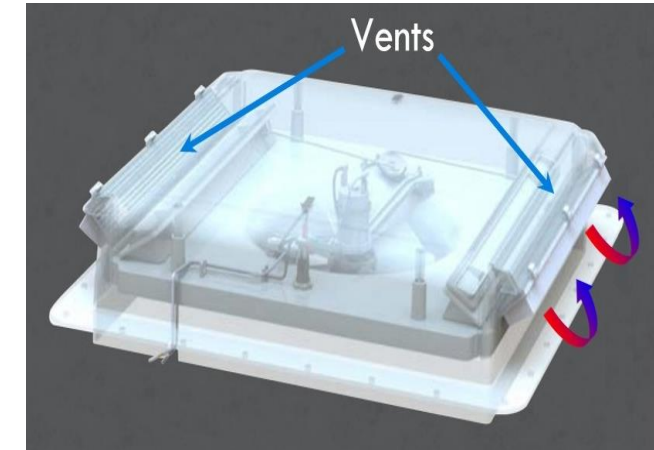
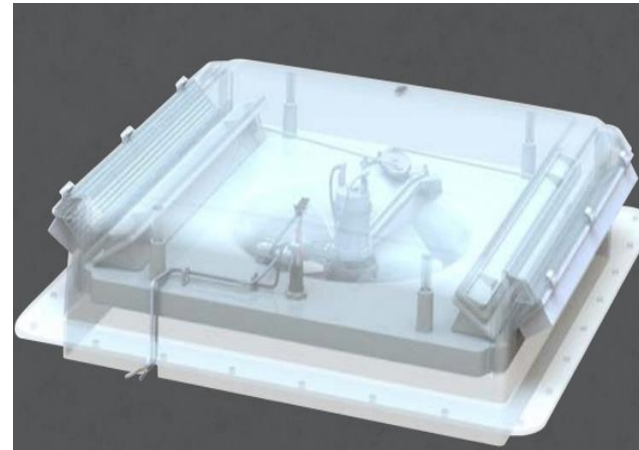
Dimensions product height 4.34 "

Dimensions product width 16.46 "

Electrical **Input voltage (DC) 13.6 V**

Starting current - max 1.50 A

Additional : **Thermostat control** or No Thermostat



ENDLESS BREEZE®

Part Number-001100WH

- Powerful 12V portable fan
- Designed to move a large volume of air
- Attaches to pet cages to provide them cool comfort on warm days





WATER HEATERS

Mobile living made easy.

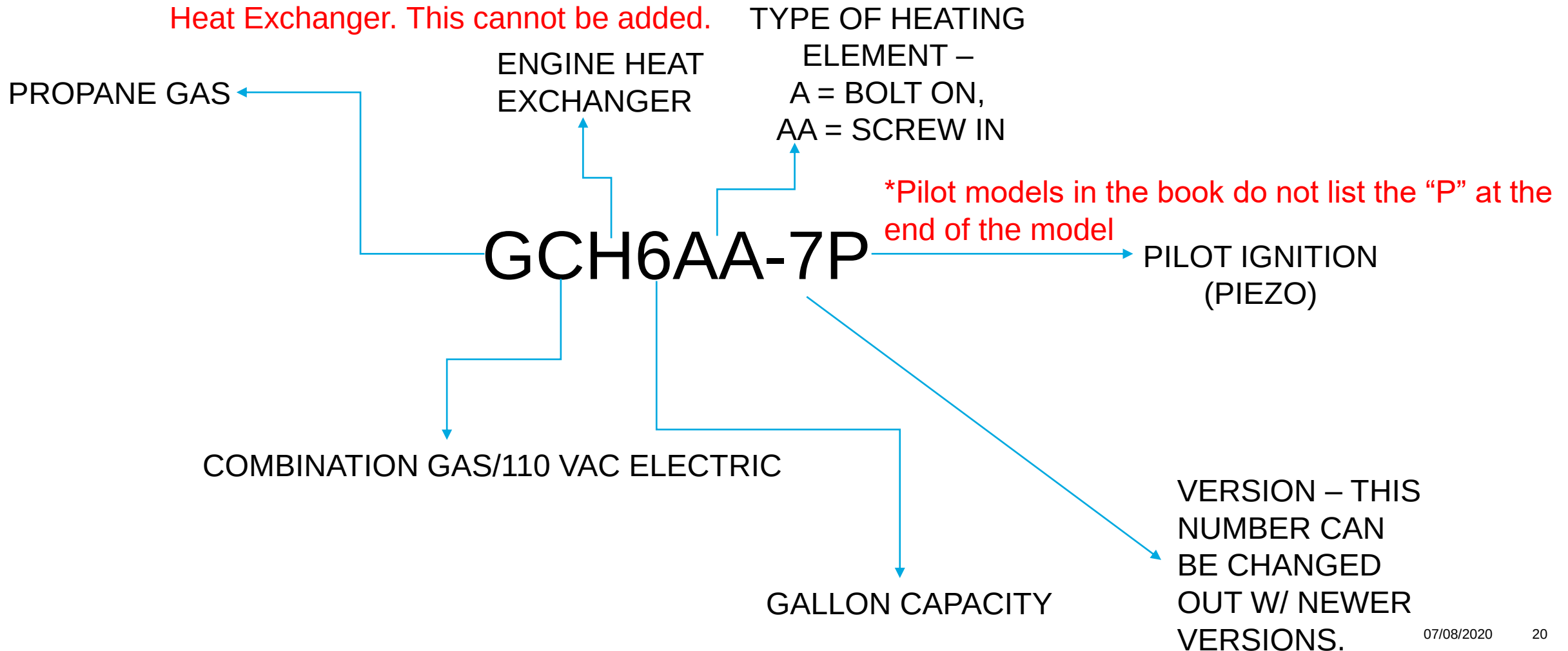


TYPES OF WATER HEATERS

- XT (exothermal technology)
 - This water heater blends HOTTER water from tank with cool water from water source to produce a greater amount of warm water. (A 10 gal. tank can produce 16 gal of hot water)
- Electronic Ignition (uses a board, similar to our refers)
- On Demand (Not Currently Sold in Aftermarket)
 - This is tankless, supposed to create continuous hot water, similar to a home system
 - You can order doors and parts but the Water Heater is only sold to specific OEM's
- Pilot Ignition – uses a piezo
- Electric – This is the only type that does not require LP.
 - These are typically on high-end coaches (Newmar or Tiffin)

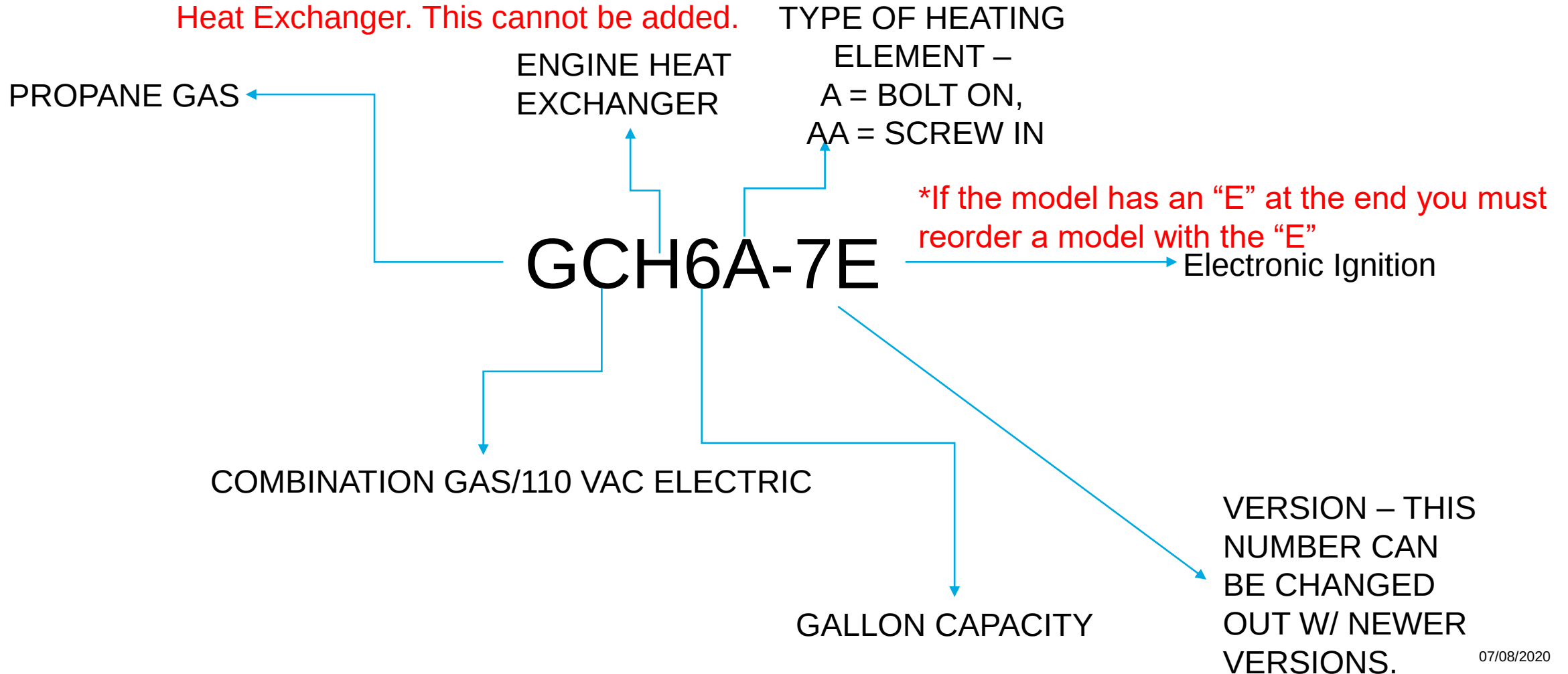
EXPLANATION OF MODEL NUMBER – PILOT MODELS

*If there is no “H” in the model, there is no Heat Exchanger. This cannot be added.



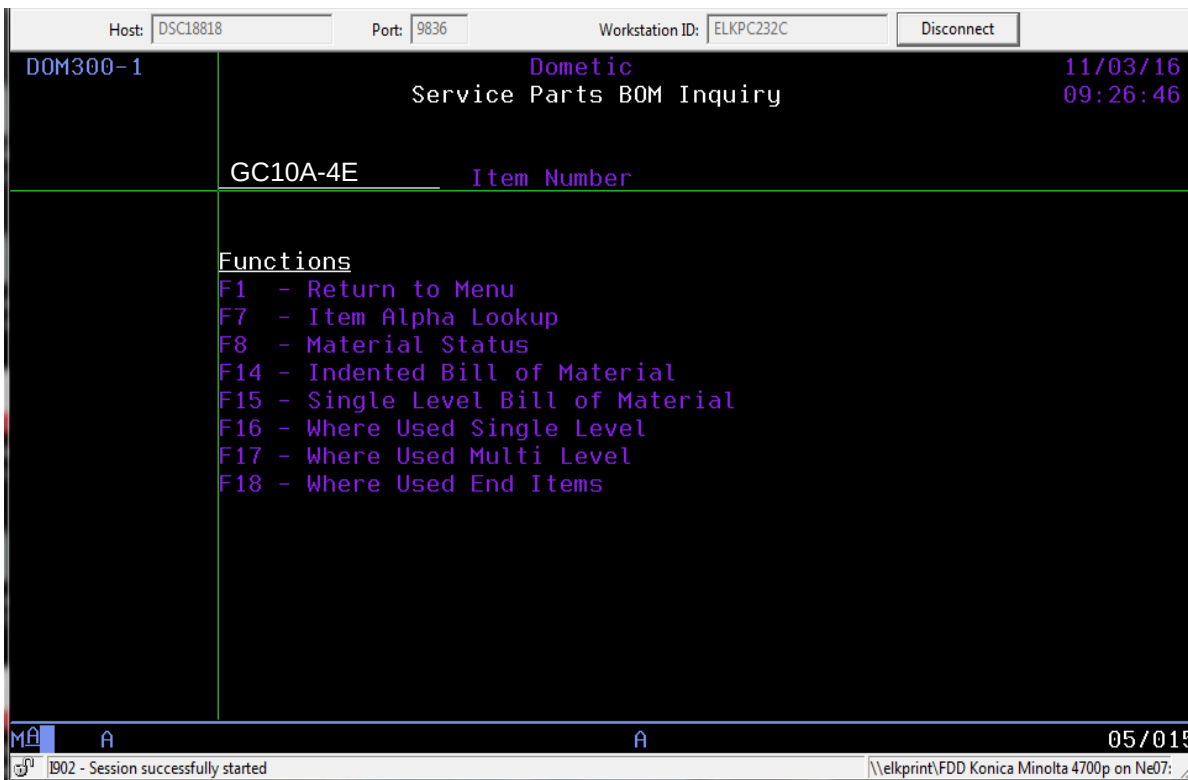
EXPLANATION OF MODEL NUMBER – ELECTRONIC IGNITION

*If there is no “H” in the model, there is no Heat Exchanger. This cannot be added.

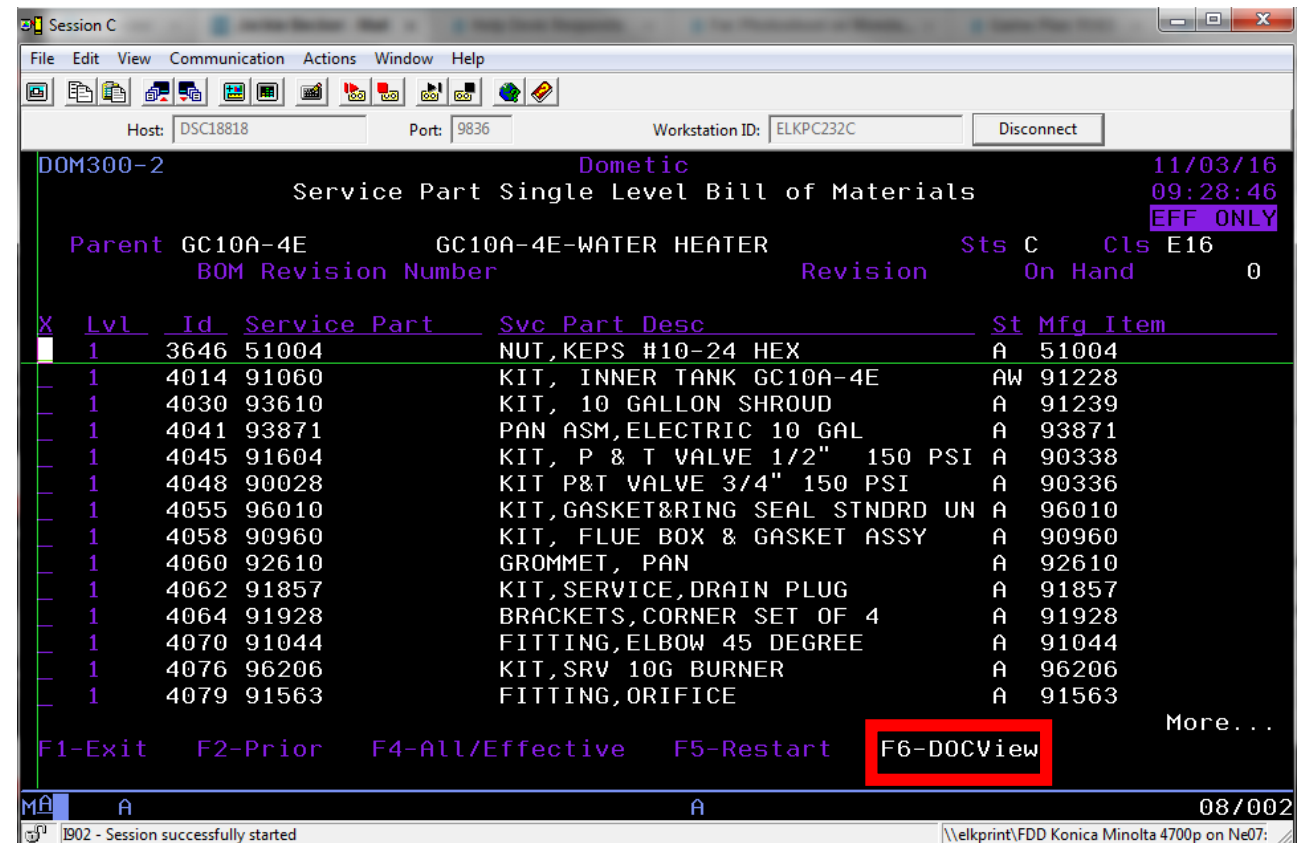


MODEL NUMBERS ARE NOT PART NUMBERS, BUT...

If you put the model number into ORD 27, 31...



You will get a parts list & normally a DOCview



YOU CAN ALSO FIND A LOT OF HELPFUL INFORMATION ON THE “WATER HEATER” TAB OF THE EXCEL DOCUMENT...

Water Heaters

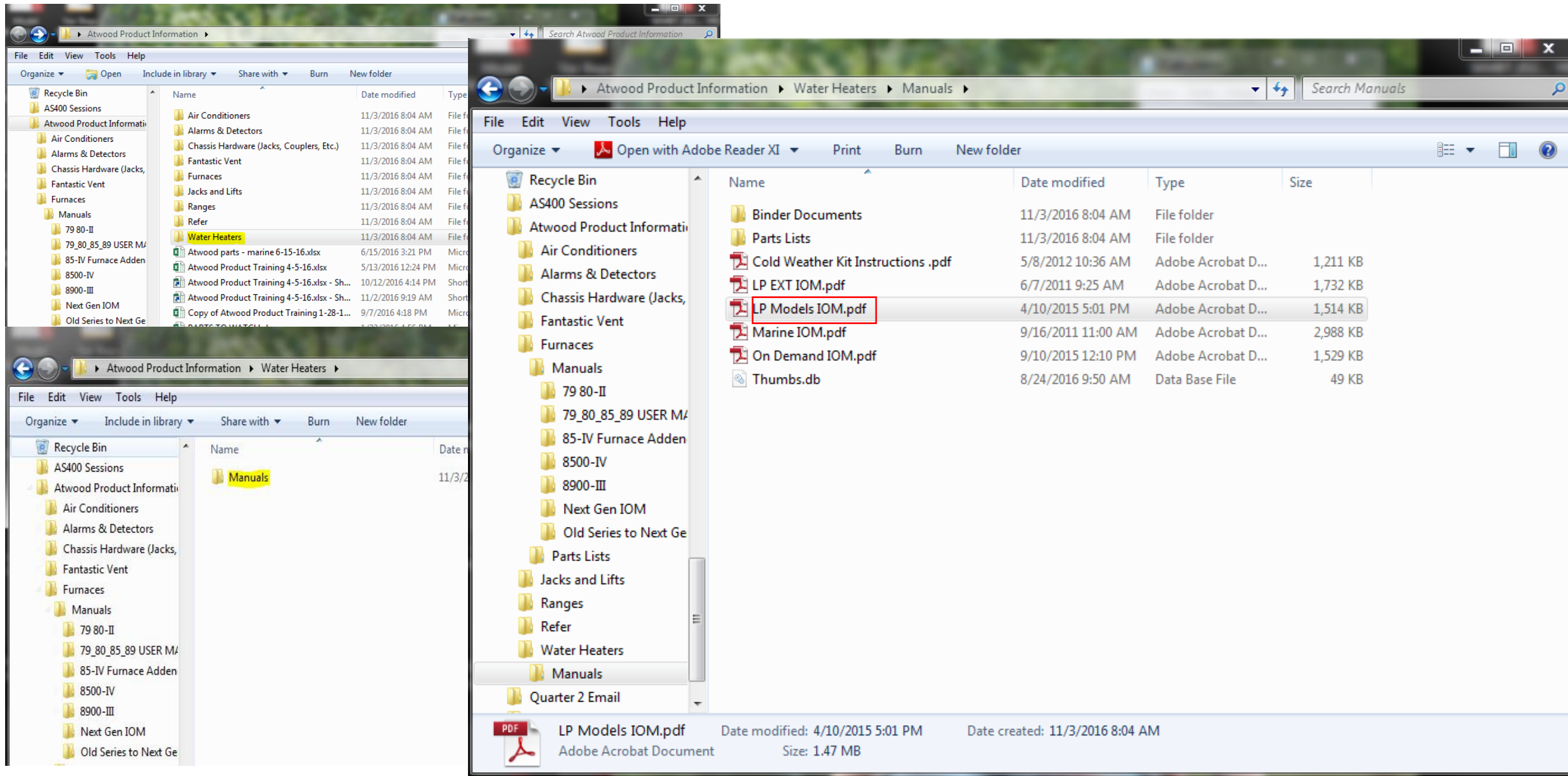


Aftermarket Part #	Model #	OEM Part #	Application	Description	Energy Source	Input	Amp Draw	Recover Gallon Per Hour	Unit Weight (Full)	Unit Weight (Empty)	Dimensions (HxWxD)	Warranty
90068	GEH9-EXT	90069	RV	6 Gallon (9 Gallon Efficiency) LP Gas, 110 VAC, Electronic Ignition w/Heat Exchanger, Exothermal Technology	110 VAC/LP Gas/Exchanger	Gas - 8,800 BTU Electric - 1400 Watt	12.5	Gas - 11.5 Electric - 6.2 Gas/Electric - 17.7	72	23	12.5 x 16 x 19.5	2 years
90071	GE9-EXT	90072	RV	6 Gallon (9 Gallon Efficiency) LP Gas, 110 VAC, Electronic Ignition, Exothermal Technology	110 VAC/LP Gas	Gas - 8,800 BTU Electric - 1400 Watt	12.5	Gas - 11.5 Electric - 6.2 Gas/Electric - 17.7	72	23	12.5 x 16 x 19.5	2 years
90073	G9-EXT	90074	RV	6 Gallon (9 Gallon Efficiency) LP Gas, Electronic Ignition, Exothermal Technology	LP GAS	8,800 BTU	N/A	11.5	70	21	12.5 x 16 x 19.5	2 years
94022	GC10A-4E	94018	RV	10 Gallon, LP Gas, 110 VAC, Electronic Ignition	110 VAC/LP Gas	Gas - 10,000 BTU Electric - 1400 Watt	12.5	Gas - 13.5 Electric - 6.2 Gas/Electric - 19.7	107	24	15.5 x 16 x 20.8	2 years
94023	GCH10A-4E	94019	RV	10 Gallon, LP Gas, 110 VAC, Heat Exchanger, Electronic Ignition	110 VAC/LP Gas/Exchanger	Gas - 10,000 BTU Electric - 1400 Watt	12.5	Gas - 13.5 Electric - 6.2 Gas/Electric - 19.7	107	24	15.5 x 16 x 20.8	2 years
94026	GE16-EXT	94024	RV	10 Gallon (16 Gallon Efficiency) LP Gas, 110 VAC, Electronic Ignition, Exothermal Technology	110 VAC/LP Gas	Gas - 10,000 BTU Electric - 1400 Watt	12.5	Gas - 13.5 Electric - 6.2 Gas/Electric - 19.7	109	28	15.5 x 16 x 21.75	2 years
94029	GEH16-EXT	94027	RV	10 Gallon (16 Gallon Efficiency) LP Gas, 110 VAC, Electronic Ignition, Heat Exchanger, Exothermal Technology	110 VAC/LP Gas/Exchanger	Gas - 10,000 BTU Electric - 1400 Watt	12.5	Gas - 13.5 Electric - 6.2 Gas/Electric - 19.7	109	28	15.5 x 16 x 21.75	2 years

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HOW TO FIND WATER HEATER MANUALS AND PARTS LISTS...



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After selecting the type of water heater you are working with you will be taken to a document like this where you can find most information you will need



Atwood
Atwood Mobile Products LLC
1120 North Main Street • Elkhart, IN 46514
PHONE: 574-264-2131 FAX: 574-262-2550
INTERNET: <http://www.askforatwood.com>

LITERATURE NUMBER **MPD 93755**

**L.P. GAS
WATER HEATER**

4 - 6 - 10 GALLON

Models 4-E & 10-E

ENGLISH, FRANCAIS (et Canada) •Installation •Operation •Maintenance

This water heater design has been certified by the Canadian Standards Association for installation in recreation vehicles. This water heater is not for use in marine applications.

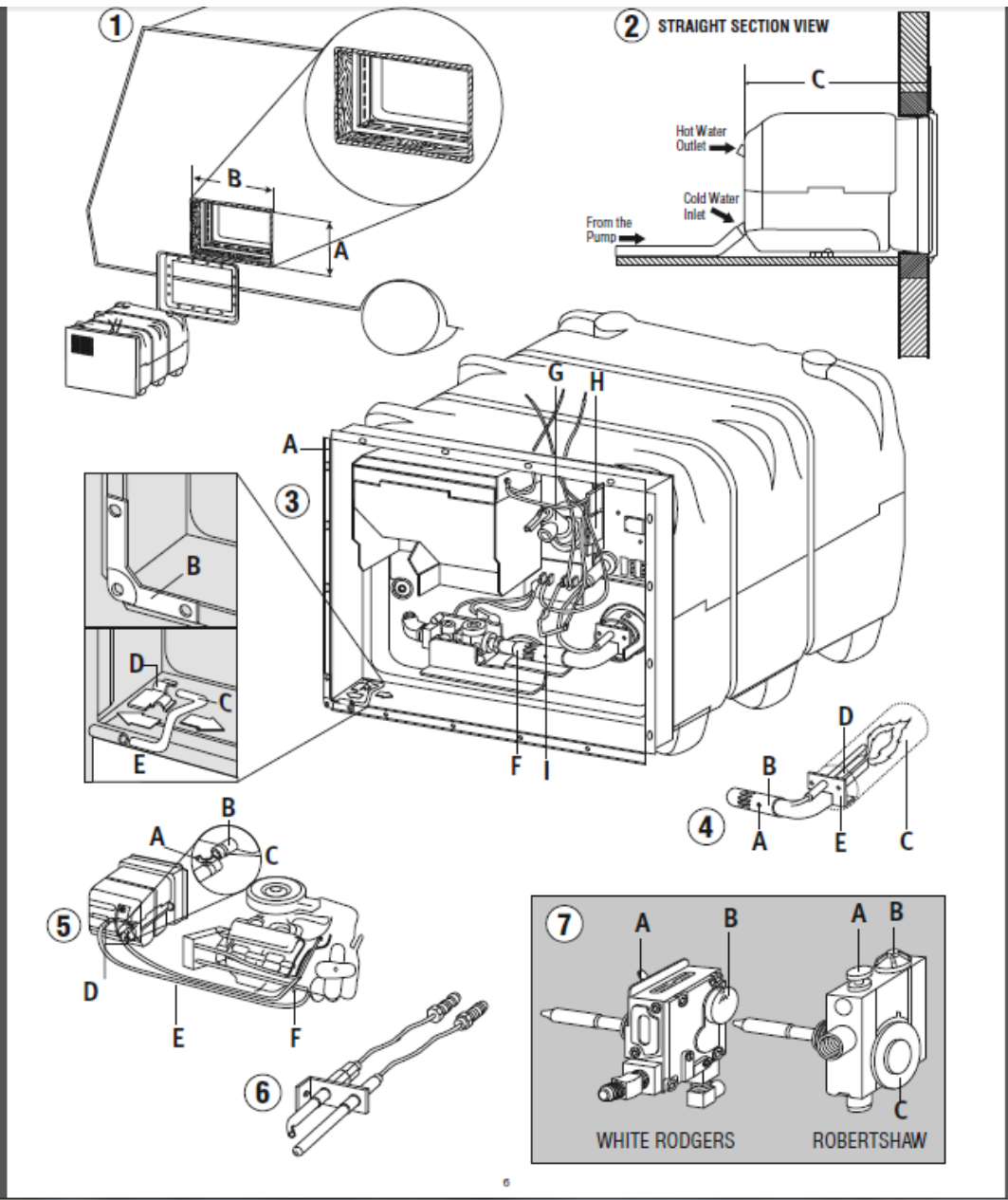
SERVICE CALLS & QUESTIONS
Location and phone numbers of qualified Service Centers can be found at our website <http://www.atwoodmobile.com> or call 574-264-2131 to have a Service Center List mailed.

SAFETY ALERT SYMBOLS
Safety Symbols alerting you to potential personal safety hazards. Obey all safety messages following these symbols.

WATER HEATER	MODEL IDENTIFICATION	1
	DIMENSIONS	1
	WEIGHT	1
	SAFETY INFORMATION	2-4
Water Heater	GENERAL INSTALLATION	2-3
	Wiring	
	Cutout Chart	
	Pressure - Temperature Relief Valve	
Consumer Safety Warnings		3
How to Operate Your Water Heater		3-4
Maintenance and Care Instructions		4-5
Preventative Maintenance		5
Winterizing (Flushing) Instructions		5

ITEM REFERENCE	6 GALLON 22 LITRES	10 GALLON 38 LITRES	PILOT IGNITION	ALLUMAGE DE VEILLEUSE
1	X	X	*Tank	Réservoir
2	90960	90960	Flue Box Assembly	Boîtier du conduit
3	91857	91857	Drain Plug	Bouchon de vidange
			(shown on spark ignition)	(cf. allumage électronique)
4	91604	91604	1/2" NPT Pressure-Temp. Relief Valve	Soupape de décharge de type
5	90028	90028	3/4" NPT Pressure-Temp. Relief Valve	Soupape de décharge
6	91602	91602	Thermostat	Thermostat
7	93215	93215	Main Burner	Brûleur principal
8	91603	91603	Pilot Assembly	Veilleuse
			Exterior Access Door	Trappe d'accès extérieur
9	93801	93801	PILOT RELIGHT	RALLUMAGE DE VEILLEUSE
10	93804	93804	Spark Module	Module d'allumage
13	93803	93803	Electrode Assembly	Electrode
			Wiring Harness	Faisceau électrique
1	X	X	SPARK IGNITION	ALLUMAGE PAR ÉTINCELLE
2	90960	90960	*Tank	Réservoir
3	91857	91857	Flue Box Assembly	Boîtier du conduit
4	91604	91604	Drain Plug	Bouchon de vidange
5	93844	93844	Pressure-Temperature Relief Valve	Soupape de décharge de type
9	93844	93844	Solenoid Valve	Electrovanne
11	91959	91959	Black On-Off Switch	Interrupteur Marche/Arrêt noir
12	91859	91859	White On-Off Switch	Interrupteur Marche/Arrêt blanc
13	93851	93851	Circuit Board	Circuit imprimé
15	93191	93191	Wiring Harness	Faisceau électrique
16	93866	93866	Thermal Cut Off	Coupeure thermique
17	93868	93868	Spark Probe	Détecteur d'étincelle
	91447	91447	Thermostat/ECO	Thermostat/ECO
1	X	X	HEAT EXCHANGE	ÉCHANGE DE CHALEUR
			*Tank	Réservoir
1	X	X	COMBINATION GAS/ELECTRIC	GAZ - ÉLECTRICITÉ COMBINÉES
NS	92249	92249	*Tank	Réservoir
NS	92251	92251	Heating Element & Gasket (110V)	Élément de chauffe et joint
NS	93849	93849	Heating Element & Gasket (220V)	Élément de chauffe et joint
			Relay	Relais

* All tanks include styrofoam jacket - Tous les réservoirs comprennent une chemise de polystyrène.
X Order by model - Commander selon le modèle
/ Order by color - Commander selon la couleur



OTHER WATER HEATER INFORMATION

- We use Aluminum Tanks
- Non-Anodized Heating Elements (prevents corrosion and easy breakage)
- Heat-Exchanger
 - This draws heat from the vehicles engine to help heat the water while traveling
 - Cannot be added in the aftermarket.
 - Must be pre-installed on the unit (not an add-on)
 - Model number will have an “H”, if there is no “H” they do not have this feature and cannot add it.
 - Adds 2-3 hours of extra heat
- “DSI” and “Electric” ignition are the same
- Optional “Cold Weather” Kit allows water heater to work down to -15 degrees
- Heating Elements are listed as 110VAC element/gskt kit
- Wall Switches
 - Black Single Switch 91959
 - White Single Switch 91859
 - Dual Switch (White Only) 91230
- Contrary to catalog, does not come with a door. *TYPE OF PACKAGING



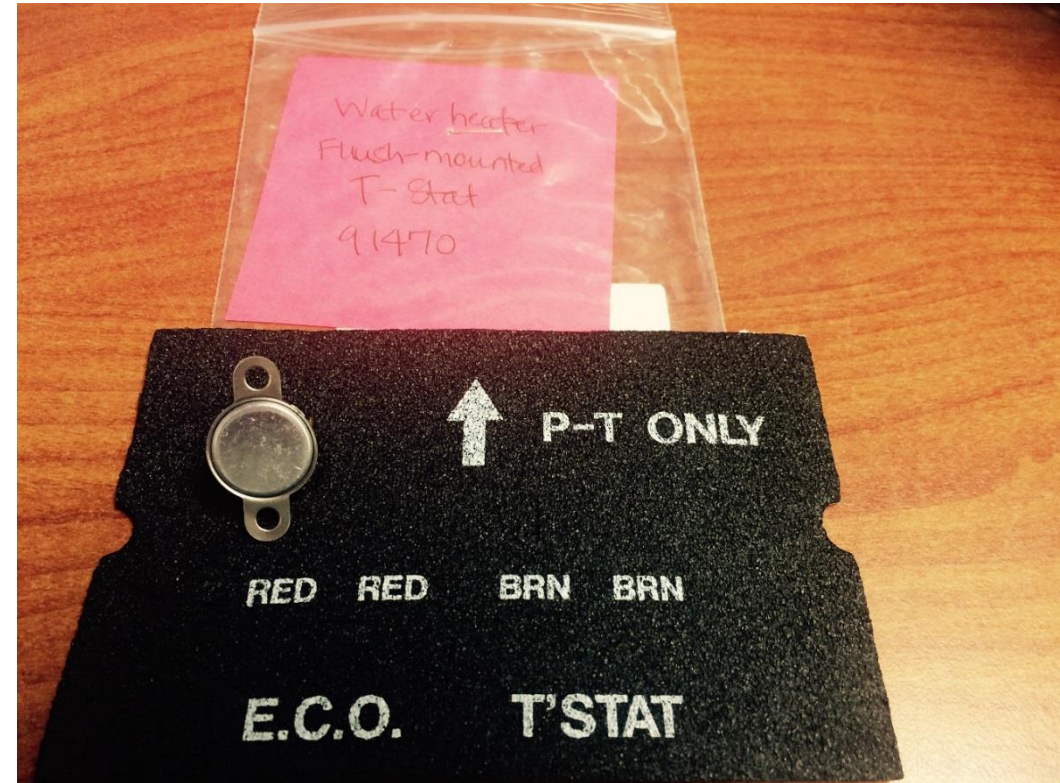
This is a thermostat and Eco (Energy Cut Off) for a marine water heater.

These can be used on the older gas/electric combos with the electric sensors in the back as well.



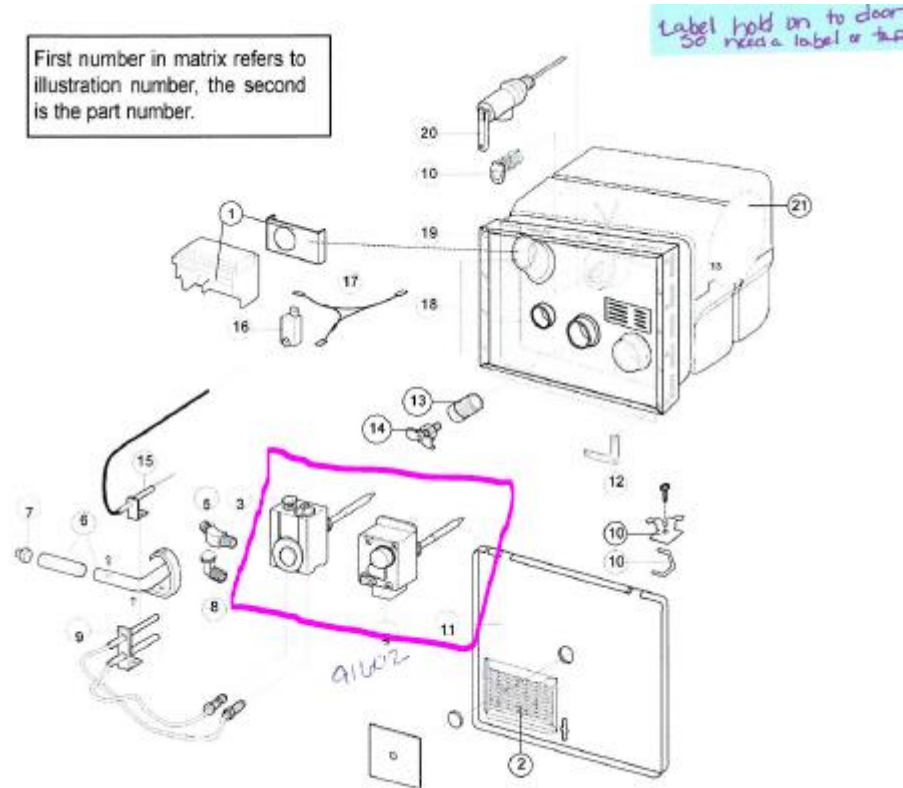


These are more examples of the ECO and the Tstats for water heaters

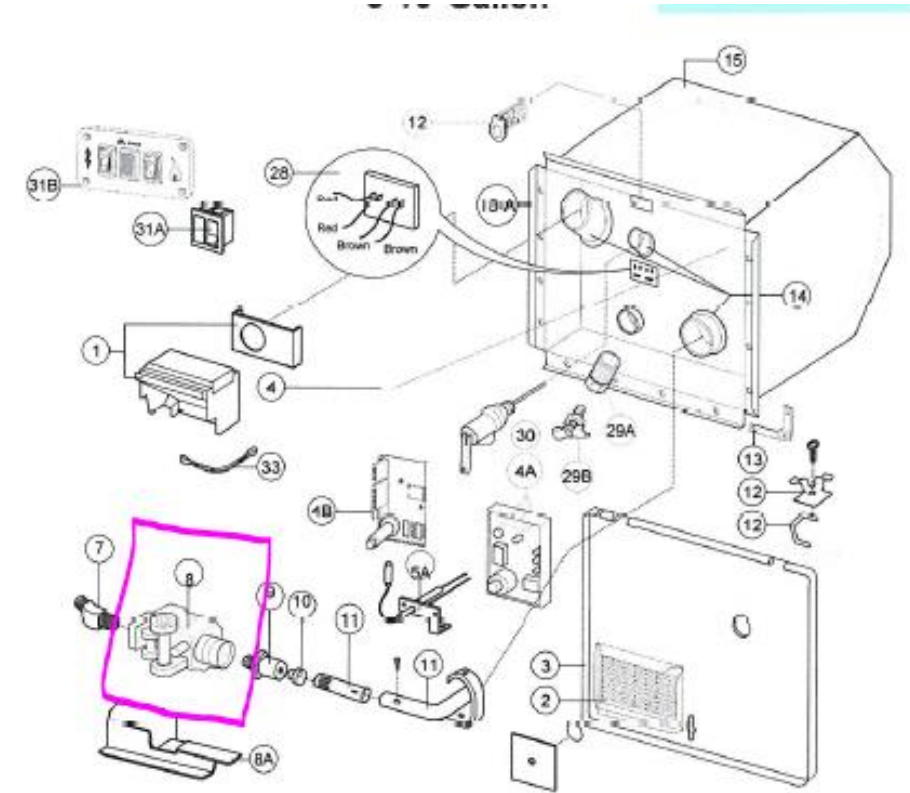


Back View of this part

WATER HEATER GAS VALVE AKA ROBTSHAW VALVE OR WHITE RODGERS VALVE



These are also called:
~ Gas Valve
~ Solenoid Valve



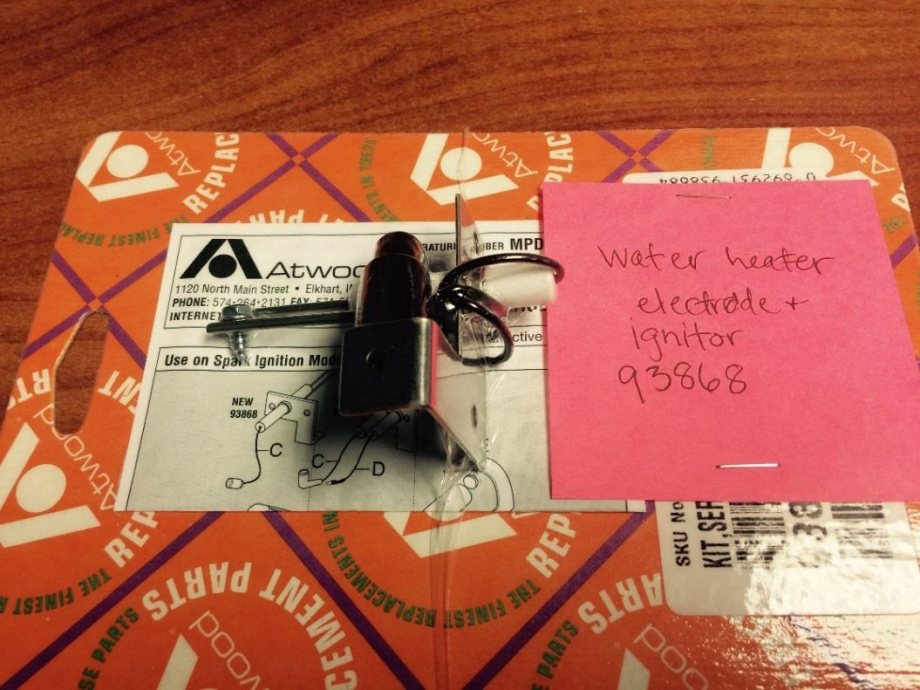
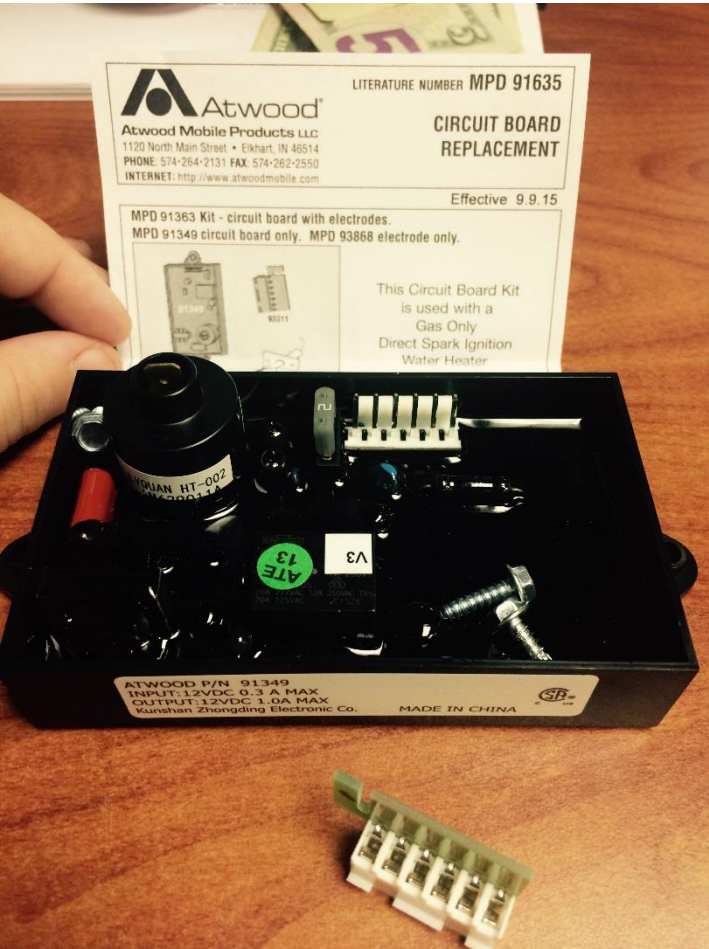
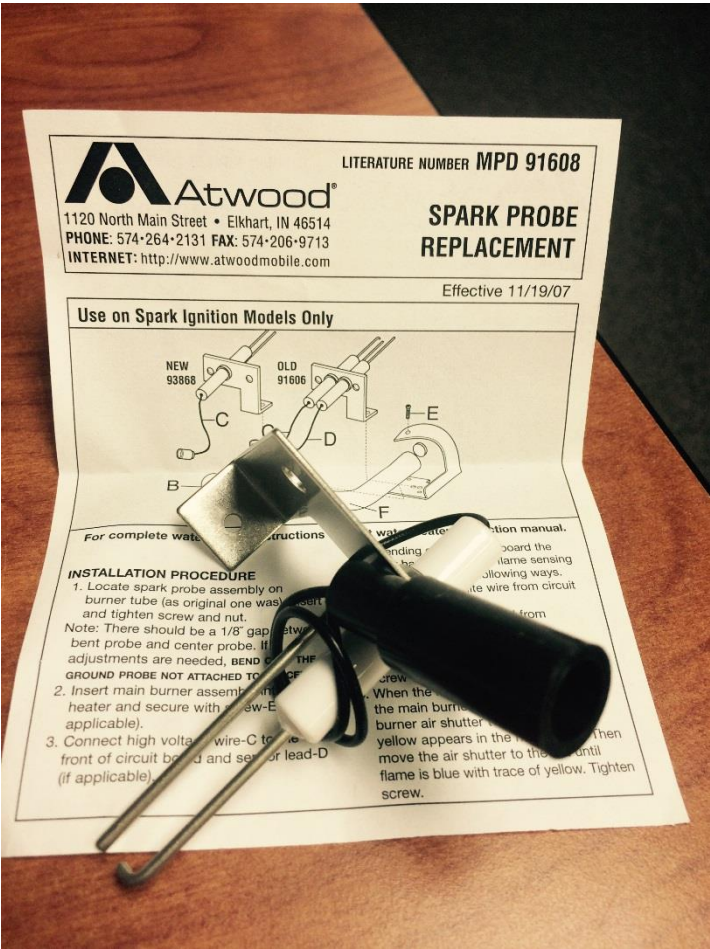
The items in this pink box are examples of the Robtshaw valve.

The item in this pink box is the White Rodgers Valve

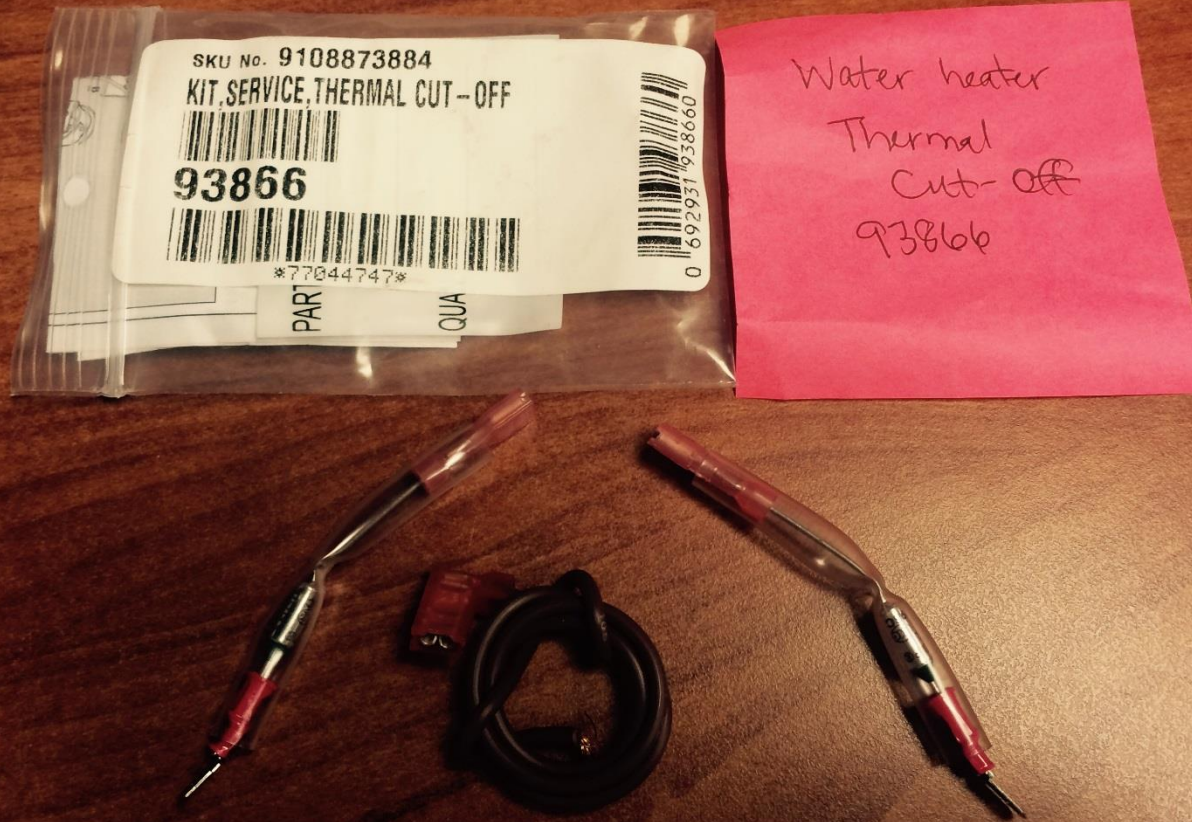
THE ROBTSHAW VALVE



OTHER WATER HEATER PARTS

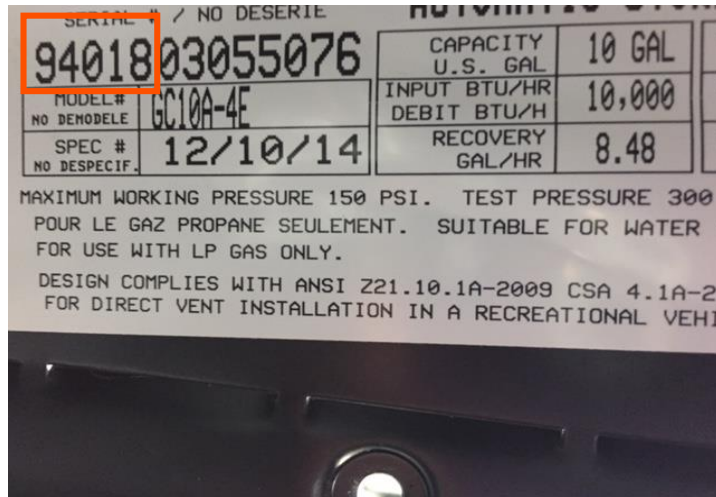


WATER HEATER THERMAL CUT OFF



SERIAL NUMBERS

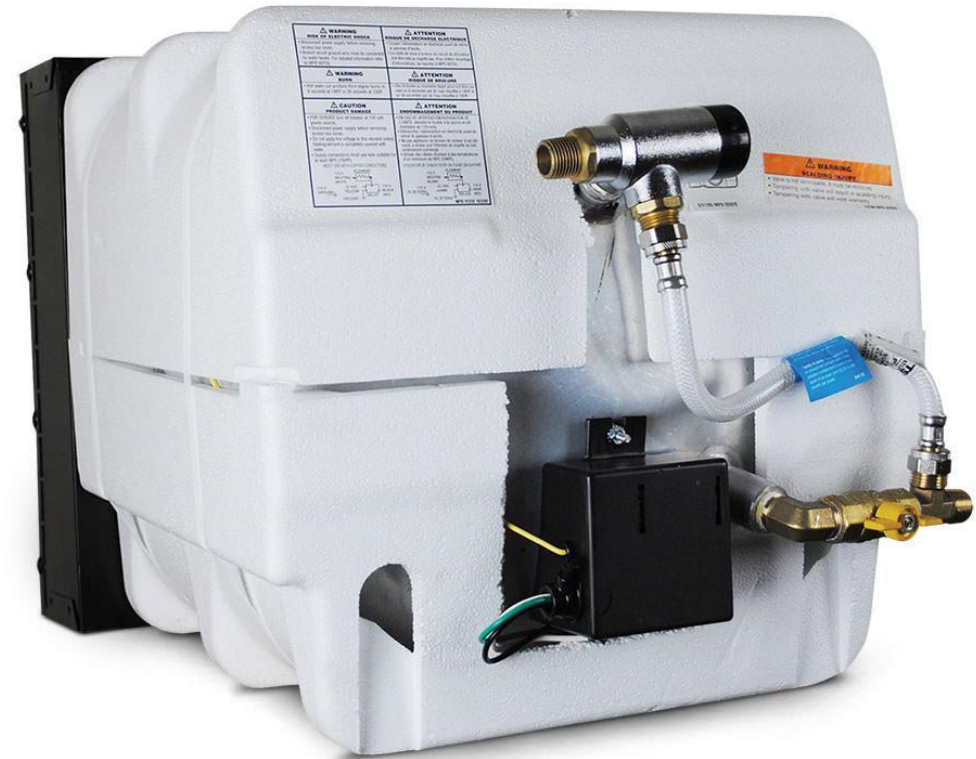
- The first 5 digits of the serial number is the item Number



```
SKU# 9108873916      WATER HTR ASM GC10A-4E
Item 94018           MfgCls 0214 U/M pur      EA
Class 14      U/M stock      EA      Yield pct      100.00
Type 4      MFG PRODUCT      Draw/Formula #
Sales Type F FINISHED GDS      Status A      000000
```

EXT

- 6 or 10 gallon
- 50% more hot water
- Protection Features
 - Pressure temp relief valve
 - External seal
- Heat-Exchange = extra 2-3 hours at 130 degrees
- High-End



EXT TANK WATER HEATER MODEL

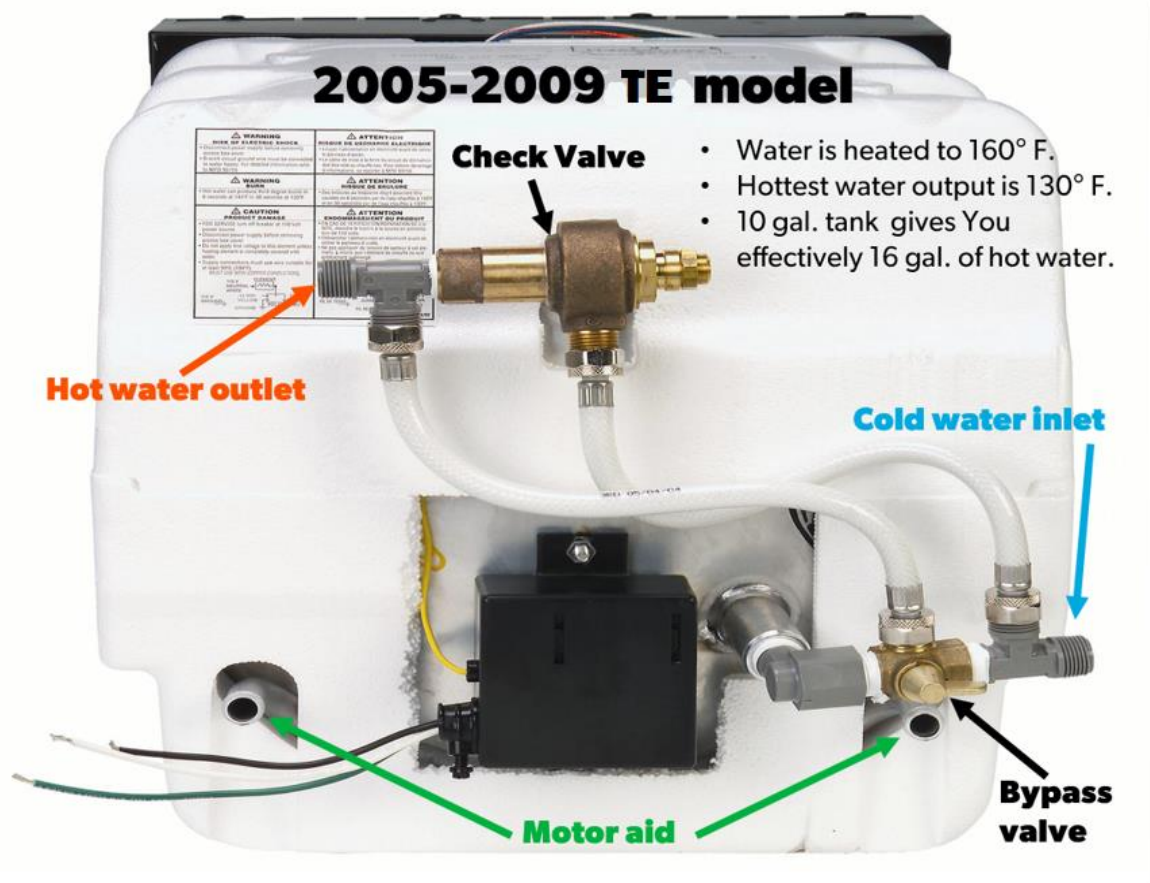
Features

- G = Propane
 - E = Combination 110vac & gas
 - H = Engine Heat Exchange
 - 9 = Gallon Capacity (6 or 10(16))
 - -
 - EXT = Exothermal Technology
-
- The mixing valve mixes cold water with higher temperature water to moderate outlet water to approximately 130°F. It is also equipped with a higher temperature thermostat, preset at 160°F compared to 140°F.
 - Examples: G9-EXT, GE-9-EXT, GEH16EXT
- Mixing valve gives 50% more water in a 6 or 10 gallon application. A 6 gallon capacity tank will give 9 gallons of hot water. A 10 gallon capacity tank will give 16 gallons of hot water.
 - Non-adjustable, calibrated specific. Can be removed and cleaned for maintenance.
 - Mixing valve can be added to a tank water heater. In addition to the mixing valve- Tee valve, ball valve, elbow, and flexible hose will be needed.
 - Tee valve on unit acts as a bypass valve, only unit to have a bypass valve equipped with water heater.
 - Same operation as the previous models.



WATER HEATER TYPES: (OLD VERSION) TE VS. (NEW VERSION) EXT

2005-2009 TE model



Current model of mixing valve



The mixing valve adds capacity for hot water without storing it (10 gallon becomes 16 gallons effectively & 6 gallons becomes 9 gallons)

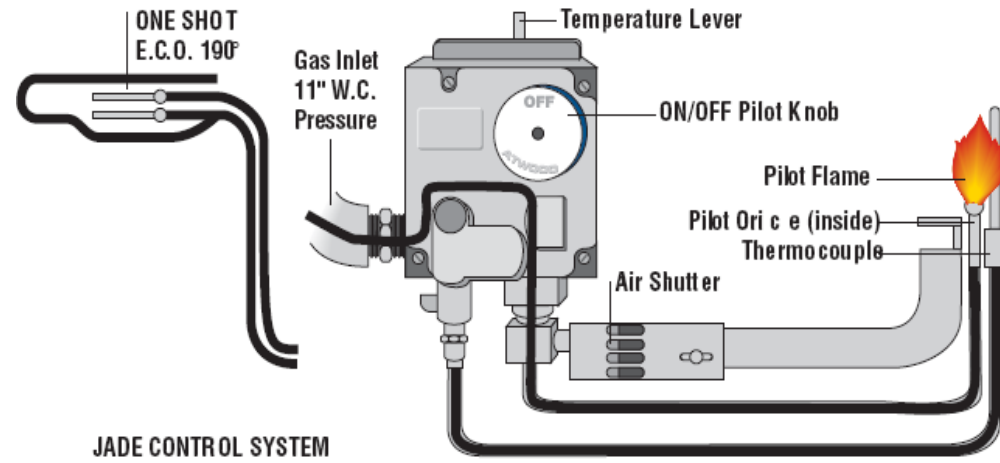
LP GAS

- 6 or 10 gallon
- Bolt on or screw in element
- 30 - 45 minutes to heat water depending on incoming water temp
- Both electric and gas / can operate at the same time
- Most economical



WATER HEATER TYPES- PILOT IGNITION

Pilot Model



- **Gas Pressure**- 11" W.C. to control is necessary. Set with two gas appliances running.
- **Gas Control**- Supplies gas to pilot orifice when control knob is held at pilot position.
- **Pilot Orifice**- Meters gas to heat thermocouple. Flame should engulf thermocouple.
- **Thermocouple**- Generates millivolts and sends to gas control's magnet assembly.
- **Magnet**- When it receives 12 millivolts or more, will allow gas to flow freely without holding the control knob.
- **E.C.O.**- Passes millivolts through gas control and back to thermocouple. Trips permanently open if water temperature exceeds 190°.
- **Gas Control**- Supplies gas to main burner when knob is in "ON" position and thermostat is set to desired temperature.
- **Main Burner Orifice**- Meters gas through burner tube.
- **Main Burner**- Pilot ignites gas when it reaches end of tube. Use air adjuster to have a primary blue flame with a yellow tip.
- **Temperature Knob**- Setting of knob determines burner cycle and water temperature. Temperature

TANK WATER HEATER - ELECTRONIC IGNITION

MODEL # BREAKDOWN

- G = Propane
 - C = Combination 110vac & gas
 - H = Engine Heat Exchange
 - 6 = Gallon Capacity (6 or 10)
 - A = Type of Heating Element
 - —
 - 8 = Version
 - E = Electronic Ignition
-
- Gas only examples: G10-3E, G10-2, GH6-8E
 - Gas/110V combo: GCH10A-4E, G6A-8E, GC6AA-10E
 - Type of element “A” is bolt on & “AA” is screw in. (No longer relevant.)

Features

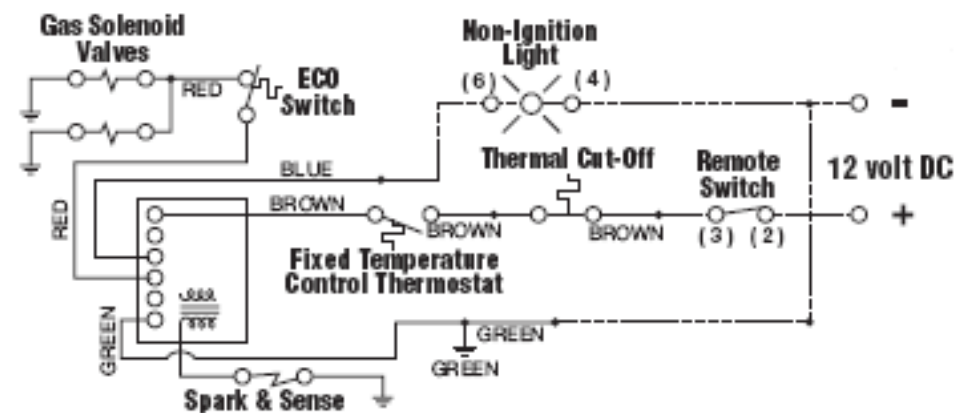
- The first five digits of the serial number is the part number of the water heater.
- We discourage the use of anode rods. The tank is lined with aluminum clad (pure aluminum), this only needs flushed instead of replaced like an anode rod.
- Combination water heaters can have the gas and the electric operating at the same time. Each are monitored by a thermostat and have the high limit safety feature.
- Thermostats are preset at 140°. We do have two options if this is too hot, an adjustable thermostat or a thermostat that is preset at 120°.
- The combination water heaters ending in 4E and 10E share the same thermostat and ECO. Previous models had separate thermostats.



WATER HEATER TYPES – ELECTRONIC IGNITION CONT:

- **Gas Supply**- 11" W.C. to solenoid valve is necessary.
- **12VDC Battery or Converter**- Voltage source for water heater.
- **On/Off Switch**- It supplies 12VDC to water heater.
- **Thermal Cut-off**- One shot heat sensing fuse. Will trip by excessive heat (190°). Not covered under warranty, sacrificial part.
- **Thermostat**- Non- adjustable temperature switch that sends power to board. Will open at 140° and close at 120°, 155° for EXT model.
- **Circuit board**-For a period of 6-8 seconds the board will send voltage to both the gas solenoid valve and electrode. The board is a 3 try for ignition. If no ignition after the three tries, the board will go into lock-out mode.
 - **E.C.O.**- Safety temperature switch that send voltage to gas valve. Switch will open if water temperature exceeds 180°.
 - **Gas Valve**- Dual solenoid valve that opens and feeds gas through main burner for ignition. Needs 10.5VDC minimum.
 - **Electrodes**- Creates a spark to ignite gas. If there is no sense of flame in 6-8 seconds, a signal is sent to the board to shut the gas valve.

Electronic Ignition Models



MARINE ELECTRIC WATER HEATER MODEL

Features

- E = Electric
 - H = Engine Heat Exchanger
 - M = Marine – No access doors, mounts to floor
 - 4 = Gallon Capacity
 - SS = Stainless Steel Casing
 - 220 = 220V ac
 - Examples: EHM6, EHM11-SS, E20
- ❑ Can have 110VAC or 220VAC. Heating element is forgiving– can withstand accidental operation in an empty tank.
 - ❑ All connections are on one side. The engine heat exchanger used to be located on the back side, but is now on the front with the other fittings.
 - ❑ No access door needed. Mounted to floor with two brackets.
 - ❑ Standard casing constructed of highly corrosion-resistant aluminum. Can upgrade to the more resistant stainless steel casing.
 - ❑ **SeaRay is the only manufacture to use the 75PSI pressure relief valve. Will not damage if using the 150PSI pressure relief valve.



ON DEMAND WATER HEATER

MODEL

- OD = On Demand
- 50 = Input in 1000's BTU
- 01 = Generation
- CW = Cold Weather Kit
- Examples: OD5501, OD4501, OD5001CW
- Some Parts still available
- **NO LONGER AVAILABLE FOR NEW AFTER MARKET INSTALLATIONS.**
- **If under warranty please refer customer to the warranty department**

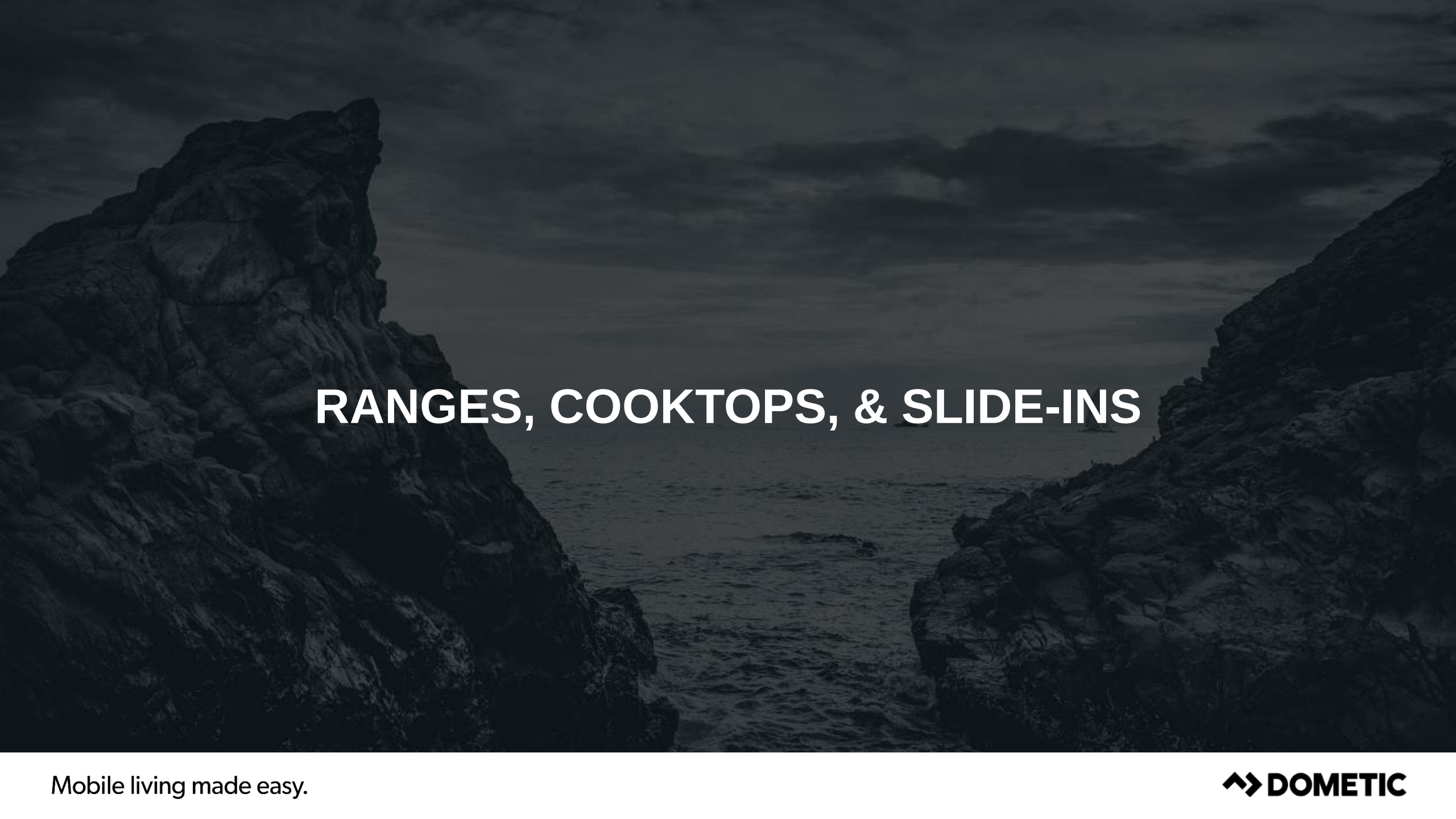
- Provides unlimited hot water, with the requirements needed.
- Can fit in an Atwood/Suburban 4, 6, 10, and 12 gallon opening.
 - Lg. door needed for 10 and 12 gallons.
- Has a 60°F maximum rise from the incoming water supply.
- Gas only unit with the same hookups and wiring as the electronic ignition water heater.
- Can work in temperatures below 0°F with cold weather kit.

- **CHECK FOR RECALL**
 - **90205 & 90347**

On Demand Water Heater

The new ODWH requires that the door be changed. There are 2 sizes of replacement door
Small for 6 gallon applications
Large for 10 gallon or larger.
The door is not included for this reason.





RANGES, COOKTOPS, & SLIDE-INS

Mobile living made easy.



DIFFERENT TYPES OF PRODUCT

▪ Ranges

- There is an Atwood Range that features premium sealed burners and has a stamped grate
- There is a Wedgewood Range that has open burners and a wire grate.
- Both of these are 3 burner, available in Black or Stainless, and either Piezo or Match-lit
- COMING SOON – A NEW RANGE OPTION

▪ Slide-Ins

- Choice between Atwood or Wedgewood (Same features as above)
- Basically the same as the Range minus the oven

▪ Cooktops

- Wedgewood Vision Cooktop in 2 or 3 burner options
- Induction Cooktop
- Cramer and Smev Cooktops (Not in your book, as replacements only) Can be found in the Excel Document “Sinks, Stoves, Skylights and Windows 2014”. DO NOT CONFUSE THESE WITH THE ATWOOD LINE OF PRODUCTS

FEATURES OF THE DOMETIC ATWOOD VS. DOMETIC WEDGEWOOD

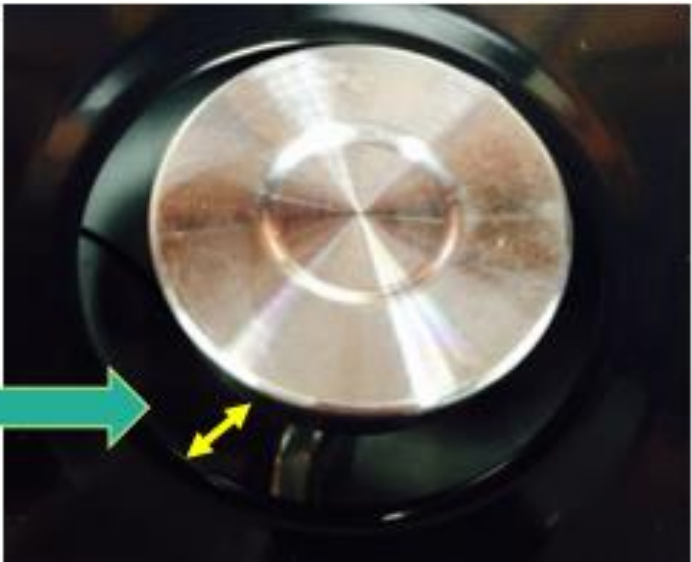
The Atwood Range and Slide-In



Closed/Sealed
Burner
(no open space)



The Wedgewood Range and Slide - In



Open space
between burner
and the
Metal stove top



Stamped Grate



Basic Wire Grate



RANGES



Dometic Wedgewood

- Available in 2 sizes 17" or 21"
- Option of Piezo ignition or Match-lit
- 3 burner
- Built in Broiler and Toaster



Dometic Atwood

- 2 color options: Black or Stainless
- Available in 2 sizes 17" or 21"
- Piezo Ignition Standard
- Sealed Burners and Stamped Grates
- Optional bi-fold cover
- Built in Broiler and Toaster

SLIDE-INS



Dometic Wedgewood Vision Slide-In

- Boils water 75% faster than competitors
- Piezo Ignition
- Rolled Metal Grate
- Open Burners
- Linear Valves adjust burners from 1100 to 9000 BTUs
- 9k BTU burner



Dometic Atwood Slide-In

- Boils water 75% faster than competitors
- Piezo Ignition
- Stamped Grate
- Sealed Burners
- 9k BTU burner

OTHER HANDY RANGE/SLIDE-IN INFORMATION

- The Center Burner is always the highest BTU (9,000) where as the other two have a lower BTU (6,500)
- The Part Number for the Piezo Ignition leads (igniter wires) is 57553 and this is not shown on the breakdowns. It is the same part number for both Ranges.
- Oven Insulation is available as a special order part
 - Large (21") uses 51335 and 51327
 - Small (17") uses 51326 and 51328
- There is an optional extended Manifold that your customers may request and the part number for this is 52895
- Ranges Operate off of smart number model numbers; this means a customer is more likely to give you a number like RA-2135SSP then an actual part number. These Smart numbers will tell you everything you need to know about the Range and there is a key for how to read these numbers (See Next Slide)
- Whenever you get a smart model number the most important thing to check is the series number (in the example above it would be a 35 series) We do not offer any parts for anything prior to the 35 series. Customers will need to upgrade if they have an older series.
- Prior to the 33 series there was a 2" depth difference which requires a trim kit upon replacement

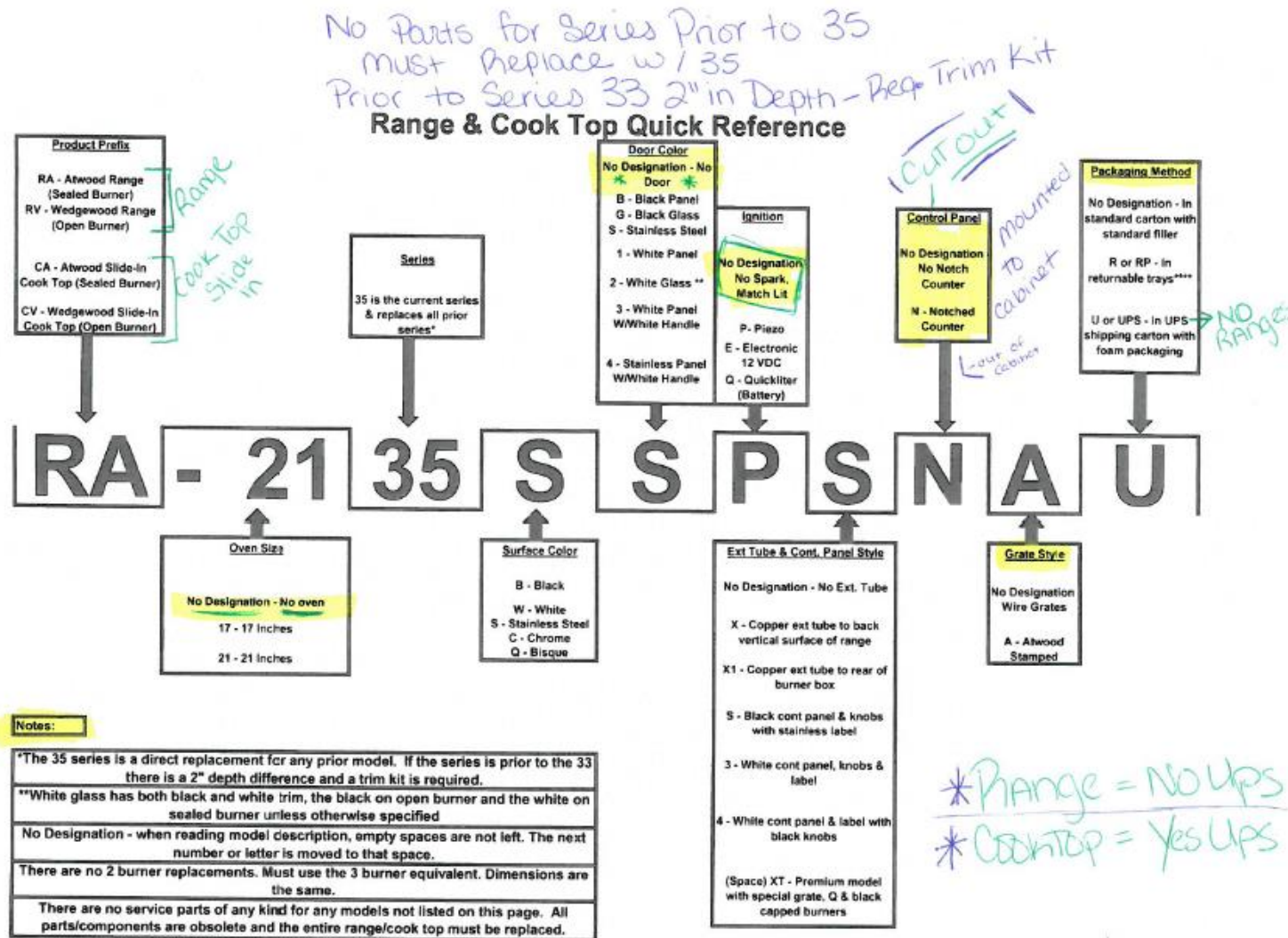
HOW TO READ A SMART MODEL NUMBER FOR A RANGE/SLIDE-IN

The 2 letters will tell you if it is Atwood or Wedgewood

The 2 #'s after the – indicate the size

The next 2 #'s indicate the series

The other spaces are all feature designations



CONVERSIONS & OTHER RANGE/SLIDE-IN INFO

- There are conversions available for all of the older versions/series of the Atwood/Wedgewood Ranges and Slide-ins
- We also offer conversions for specific Magic Chef and Amana Brand Ranges
- To find any of these Conversions please utilize the “Ranges & Cooktop” tab of the “Atwood Product Training” excel document
- This document also will provide most information you would need surrounding this product line including: Dimensions, Warranty Period, Cross Reference of Model/Part numbers, BTU ratings of burners, Colors, etc.
- Additional information; such as parts lists and diagrams, can be found in the “Ranges” folder of the “Atwood Product Information” folder which is saved on your desktops.
- Depending on if customer provides Model or Part number it varies which resource is preferable. Models work better in the “Atwood” folders and Part Numbers work better in AS400.

REPLACEMENT LABELS FOR THE ATWOOD/WEDGEWOOD RANGES & SLIDE-INS

57288	RV Range Blk w/Piezo BBP
57290	RV Range Blk w/o Piezo BB
57283	S/S RA w/Piezo
57280	S/S RV w/Piezo
56241	CV S/S w/Piezo
57286	RA Blk BBP w/Piezo
56223	CV Blk w/Piezo
56220	CV Blk w/o Piezo
56179	CA Blk w/Piezo
56264	CA S/S w/Piezo
~~56224~~	RV BBP 57288

With the Replacement Labels, even though they indicate color, color does not matter.

What you need to know to correctly replace the label/sticker is the Make (is it a Wedgewood or an Atwood) and Does it have a Piezo or not.

This chart lists the part numbers out accordingly.

COOKTOPS – WEDGEWOOD VISION

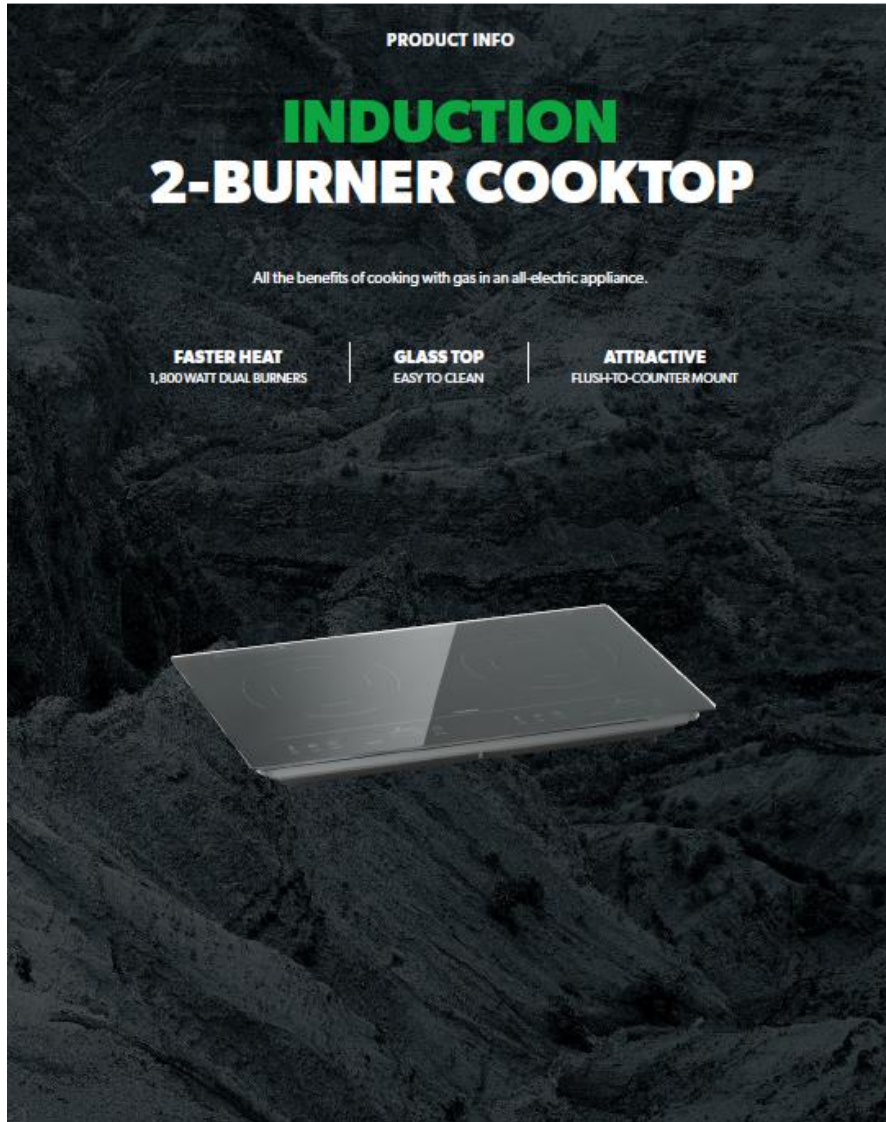


- 7,200 BTU Large Burner
- 5,200 BTU Small Burner
- 1 Piece Cooking Surface
- Black or Stainless Color Options
- These are now in “B” status and are NLA. You may get calls about these, in which case you simply need to inform the customer of the change and try to direct them to a comparable unit



- 7,200 BTU Large Burner
- 2 - 5,200 BTU Small Burners
- 1 Piece Cooking Surface
- Black or Stainless Color Options
- These are still available!!!

COOKTOPS – INDUCTION (NEW)

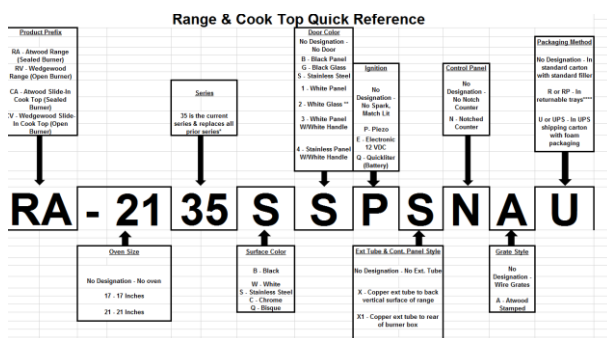


- • 2-burner, 1,800W induction cooktop
- • 24 in. flush-to-counter mount
- • All-electric operation
- • Solid glass top
- • Easy to clean
- • 10 power levels with set temperatures (150 – 450° F)
- • 150-minute timer
- • Individual element “on surface light”
- • Child lock
- • Compatible with Duxtop and other induction-ready cookware

FINDING PARTS

Dometic Atwood / Dometic Wedgewood

- It is important to remember that we must always ensure that the product is a “35 Series” before we try and find parts



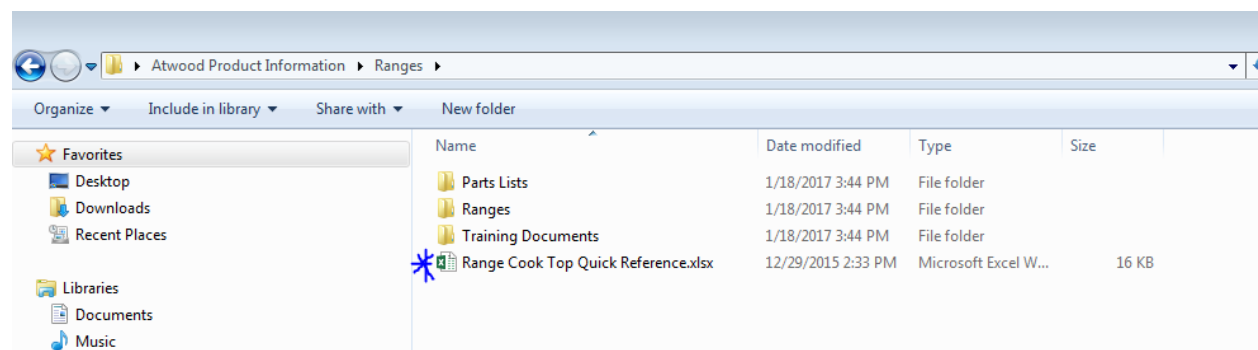
- This is because parts before series 35 and parts that are series 35 and above are not compatible with one another.

- Option 1

Customer will most likely give you a model number like “RV-1735 BBP” – this will not pull a parts list in ORD 27, 31 but you can go to the Atwood Product Training document and on the Range tab find the coordinating part number for that model. In this case “52370” and put that into ORD 27,31 which will produce a parts list and a doc view.

- Option 2

You can go to the document shown below:





ATWOOD AIR COMMAND

Mobile living made easy.

 **DOMETIC**

AIR COMMAND AC'S

- Uses a remote control for operation
- Simple Ordering:
 - Upper Unit
 - Plenum Kit
- These use RJ-11 cable
- 13.5k units are Cool Only
- 15k units are Heat Pumps
- There is a conversion to take a Dometic AC to an Atwood, but there is no conversion to replace an Atwood with a Dometic



WHERE TO FIND INFORMATION ON AIR COMMAND?

Air Command Air Conditioners



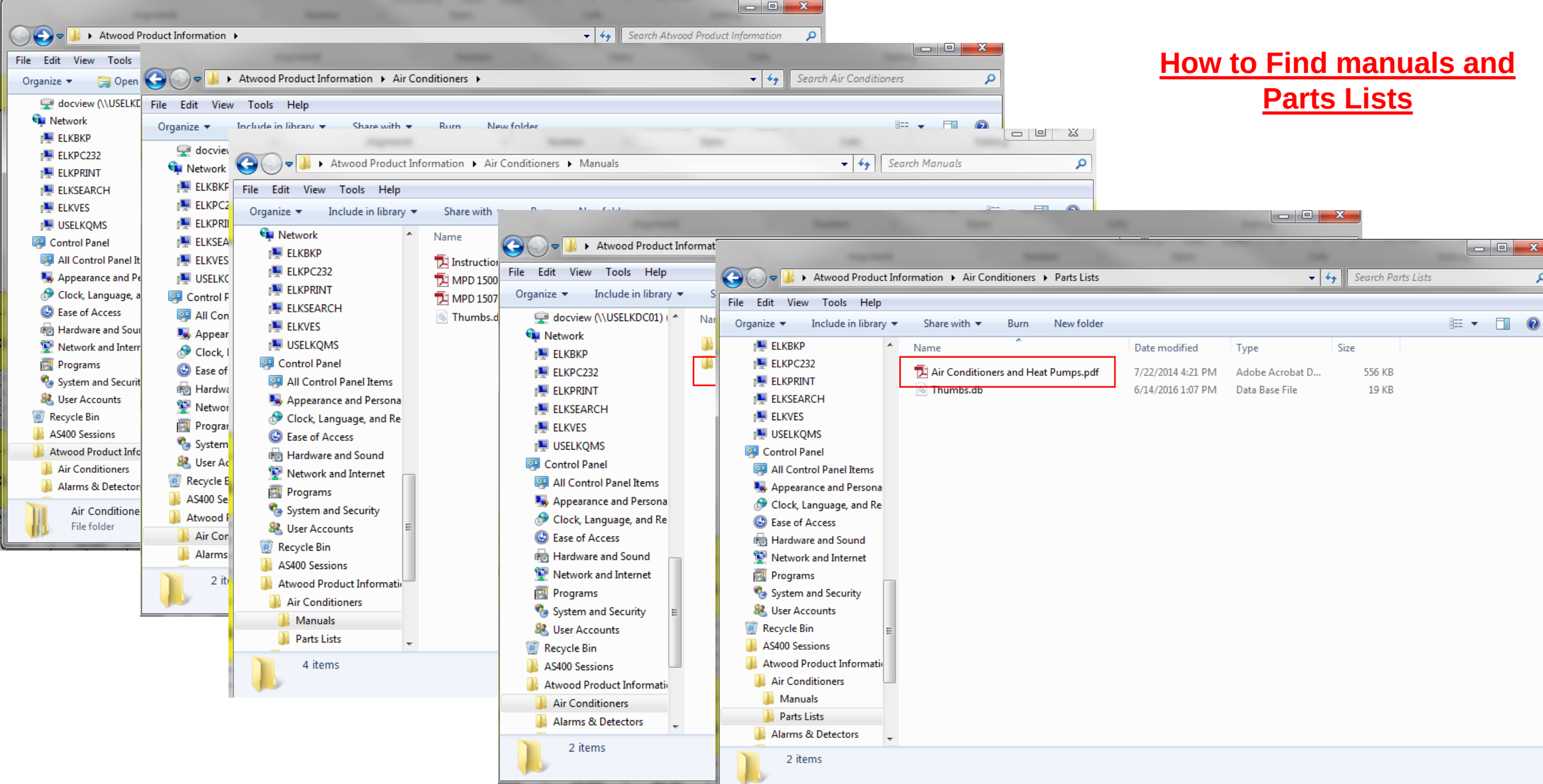
Ducted Air Conditioners

Part #	Model #	Cool Only/Heat Pump	Color	BTU Equivalent	Installed Weight	Air Movement (CFM)	Thermostat Type	Roof Cutout	Dimensions (H x W x L)	Minimum Generator Size	Decibel Rating	Notes
15027	AC-1361 W	Cool Only	White	16,000	84 LBS	330	Digital W/Remote	14X14	13.6" x 26.5" x 39"	2,000 Watt	58 Low/62 High	Must also order the plenum kit listed below
15032	AC-1361 B	Cool Only	Black	16,000	84 LBS	330	Digital W/Remote	14X14	13.6" x 26.5" x 39"	2,000 Watt	58 Low/62 High	Must also order the plenum kit listed below
15028	AC-1511 W	Heat Pump	White	18,000	88 LBS	330	Digital W/Remote	14X14	13.6" x 26.5" x 39"	3,000 Watt	58 Low/62 High	Must also order the plenum kit listed below
15033	AC-1511 B	Heat Pump	Black	18,000	88 LBS	330	Digital W/Remote	14X14	13.6" x 26.5" x 39"	3,000 Watt	58 Low/62 High	Must also order the plenum kit listed below

Non-Ducted Air Conditioners

Part #	Model #	Cool Only/Heat Pump	Color	BTU Equivalent	Installed Weight	Air Movement (CFM)	Thermostat Type	Roof Cutout	Dimensions (H x W x L)	Minimum Generator Size	Decibel Rating	Notes
15025	AC-1351 W	Cool Only	White	16,000	84 LBS	330	Digital W/Remote	14X14	13.6" x 26.5" x 39"	2,000 Watt	58 Low/62 High	Must also order the plenum kit listed below
15030	AC-1351 B	Cool Only	Black	16,000	84 LBS	330	Digital W/Remote	14X14	13.6" x 26.5" x 39"	2,000 Watt	58 Low/62 High	Must also order the plenum kit listed below
15026	AC-1501 W	Heat Pump	White	18,000	88 LBS	330	Digital W/Remote	14X14	13.6" x 26.5" x 39"	3,000 Watt	58 Low/62 High	Must also order the plenum kit listed below
15031	AC-1501 B	Heat Pump	Black	18,000	88 LBS	330	Digital W/Remote	14X14	13.6" x 26.5" x 39"	3,000 Watt	58 Low/62 High	Must also order the plenum kit listed below

How to Find manuals and Parts Lists



PARTS DIAGRAMS/PARTS LIST

Air Conditioners and Heat Pumps.pdf - Adobe Reader

File Edit View Window Help

Open

4 (1 of 5) 108%

Exploded View of Air Conditioner Service Parts AC 1361 - DUCTED COOLING

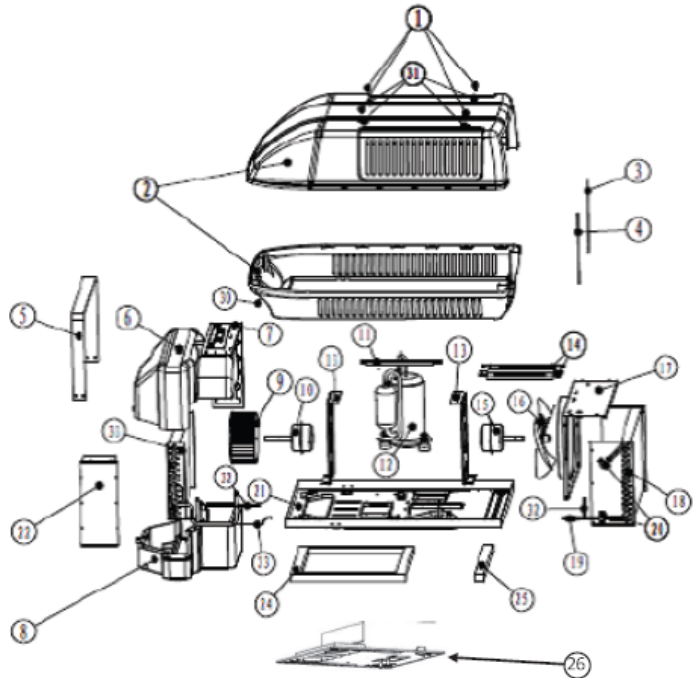


Fig #	Description	Qty
1	BOLT M6 x 25mm	4
2	SHROUD	1
3	CANOPY REINFORCING STRAP RH	1
4	CANOPY REINFORCING STRAP LH	1
5	EVAP HOUSING STRAP	1
6	EVAP HOUSING UPPER	1
7	EVAP MOTOR STABILIZING BRACKET	1
8	EVAP HOUSING LOWER	1
9	EVAP FAN	1
10	EVAP MOTOR	1
11	COMPRESSOR STABILIZING BRACKET	1
12	COMPRESSOR, LG(A), RECHI (B)	1
13	MOTOR MOUNT BRACKET	2
14	FAN MOUNTING SUPPORT	2
15	CONDENSOR FAN MOTOR	1
16	CONDENSOR FAN	1
17	CONDENSOR SHROUD	1
18	CONDENSOR COIL	1
19	CHARGING TUBE	1
20	LIQUID LINE	2
21	AC CHASSIS	1
22	CONTROL BOX	1

Choosing the Parts lists folder and opening the PDF will bring you to this document which includes a break down of the ducted and non-ducted versions of the Air Command AC's

AIR COMMAND AND ORD 27, 31

The image displays two screenshots of a Dometic service tool interface, likely used for diagnosing and ordering parts for RVs.

Left Screenshot: Shows the 'Service Parts BOM Inquiry' screen. The top bar indicates 'Host: DSC18818', 'Port: 9836', and 'Workstation ID: ELKPC232A'. The main display shows 'DOM300-1' and 'Dometic' with a timestamp of '11/07/16 09:06:10'. The screen is divided into two sections: 'Functions' on the left and 'Service Parts BOM Inquiry' on the right. The 'Functions' section lists various options (F1-F18) for navigating the menu. The 'Service Parts BOM Inquiry' section shows the parent part number '15027' and the part description 'AC 13.5 DUCT WHT ROOF UNIT'. Below this, it indicates 'BOM Revision Number' and 'Revision'. The bottom status bar shows 'F1-Exit', 'F2-Prior', 'F4-All/Effective', 'F5-Restart', and 'Bottom'.

Right Screenshot: Shows the 'Service Part Single Level Bill of Materials' screen. The top bar indicates 'Host: DSC18818', 'Port: 9836', and 'Workstation ID: ELKPC232A'. The main display shows 'DOM300-2' and 'Dometic' with a timestamp of '11/07/16 09:09:32'. The screen is divided into two sections: 'Service Part Single Level Bill of Materials' on the left and 'Service Parts BOM Inquiry' on the right. The 'Service Part Single Level Bill of Materials' section shows the parent part number '15027' and the part description 'AC 13.5 DUCT WHT ROOF UNIT'. Below this, it indicates 'BOM Revision Number' and 'Revision'. The 'Service Parts BOM Inquiry' section shows the part number '15027' and the part description 'AC 13.5 DUCT WHT ROOF UNIT'. The bottom status bar shows 'F1-Exit', 'F2-Prior', 'F4-All/Effective', 'F5-Restart', and 'Bottom'.

As you can see, Parts lists and explosions for Air Commands are not yet available in Ord 27,31 so you must use the Atwood folder to obtain this information.



ATWOOD HELIUM REFRIGERATORS

Mobile living made easy.



THE HELIUM REFRIGERATOR

- We did not continue this product line.
- All the parts are gone
- Suggested Dometic replacements are available via Material Status.



FINDING INFORMATION ON HELIUM FRIDGES

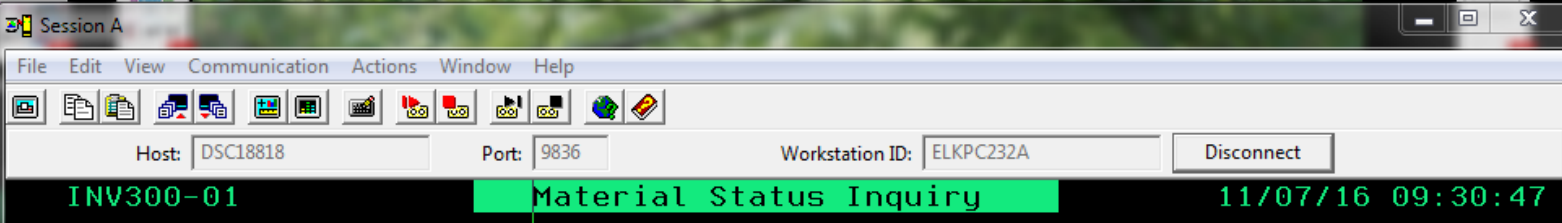
	A	B	C	D	E	F	G	H
1	Atwood Helium Refrigerators							
2								
3	Part #	Model #	Capacity	Right Hinge or Left Hinge	Pre-Installed Fan	Overall Dimensions	Cut Out Dimensions	Warranty
4	12003	HE-0601RF	6 CF	Right	Yes	52.5" x 22.8" x 23.7"	52.9" x 23.5" x 24"	2 Year
5	12004	HE-0601LF	6 CF	Left	Yes	52.5" x 22.8" x 23.7"	52.9" x 23.5" x 24"	2 Year
6	12007	HE-0801RF	8 CF	Right	Yes	59.4" x 22.8" x 23.7"	59.9" x 23.5" x 24"	2 Year
7	12008	HE-0801LF	8 CF	Left	Yes	59.4" x 22.8" x 23.7"	59.9" x 23.5" x 24"	2 Year
8	Accessories							
9				Part #	Description			
10				13001	Side Vent - White			
11				13003	Side Vent - Black			
12				13004	Roof Vent - White			
13				13006	Roof Vent - Black			
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								
40								
41								

Usually the customer will provide the Model #

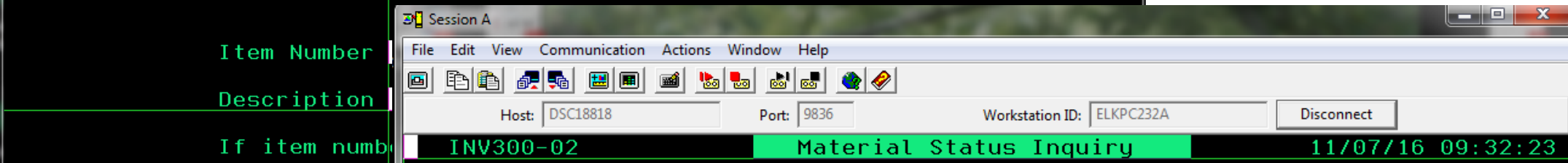
This will help you locate a part number

The part number can be put into material status for additional information (see next slide)

You can find dimensions, warranty information, and vent information all on this sheet.



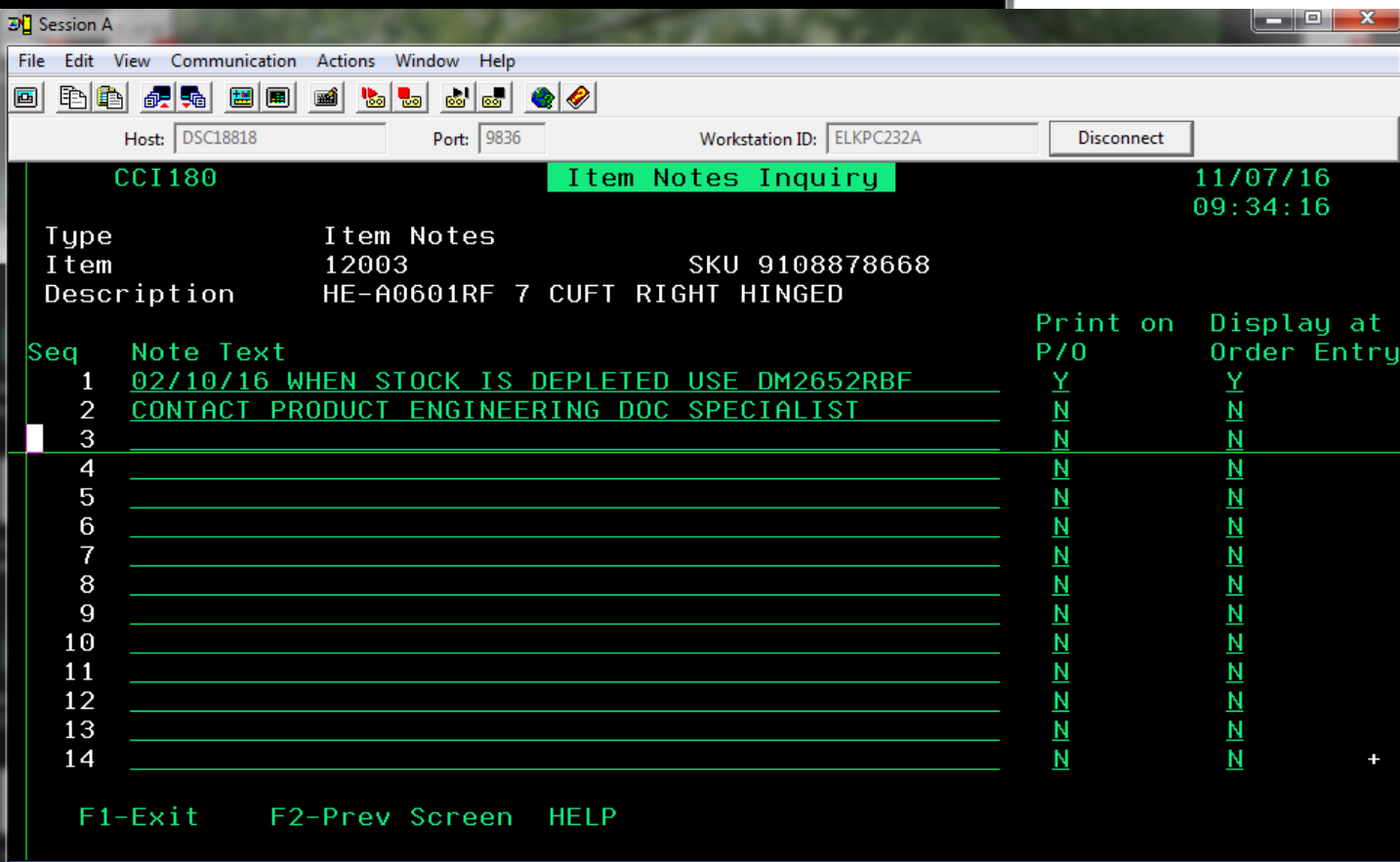
Material Status & Helium Fridges

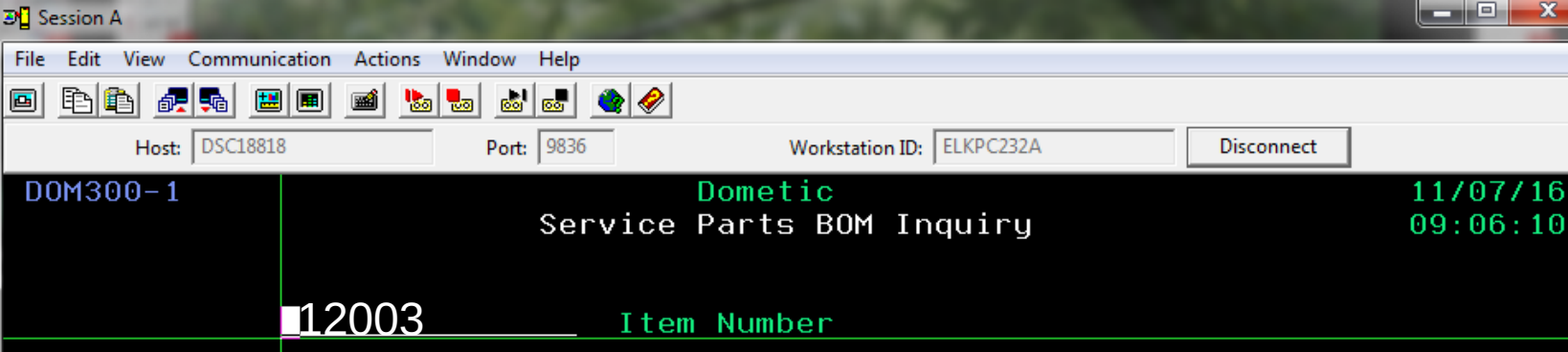


Item Number
Description
If item number

SKU# 9108878668 HE-A0601RF
Item 12003 MfgCls
Class 63 U/M stock EA
Type S TRADED PROD Draw
Sales Type F FINISHED GDS
Sold As MTD
Opening Balance 1.00
Issues .00
Receipts .00
Adjustments .00
Sales Units .00
Sales Amt .00
Prod # 958660022 Component
Model # HE-A0601RF
Std. Cost
Svc Part/Id
Weight/Unit 100.000
Purch U/M cnv 1.000
Len: 27.00 Wid: 43.00
F1-End F2-New Item F3-Locs
F9-Whs Item Inq

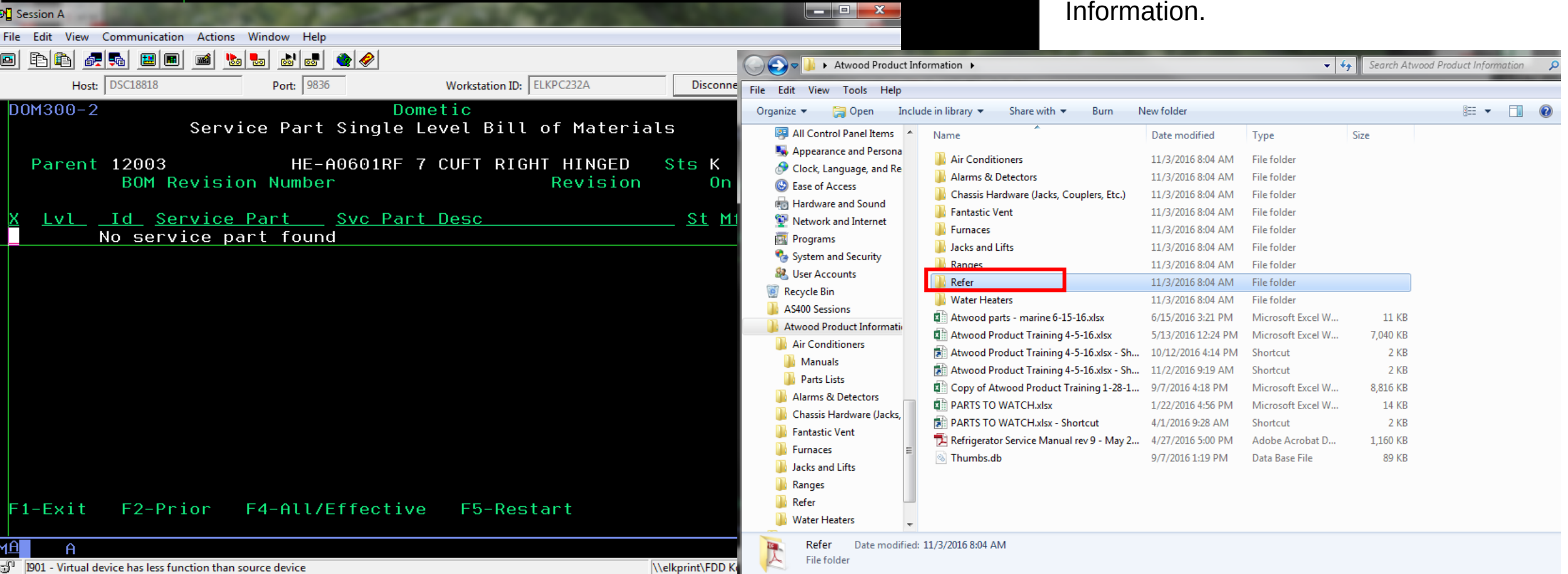
Enter - Continue F1 - End

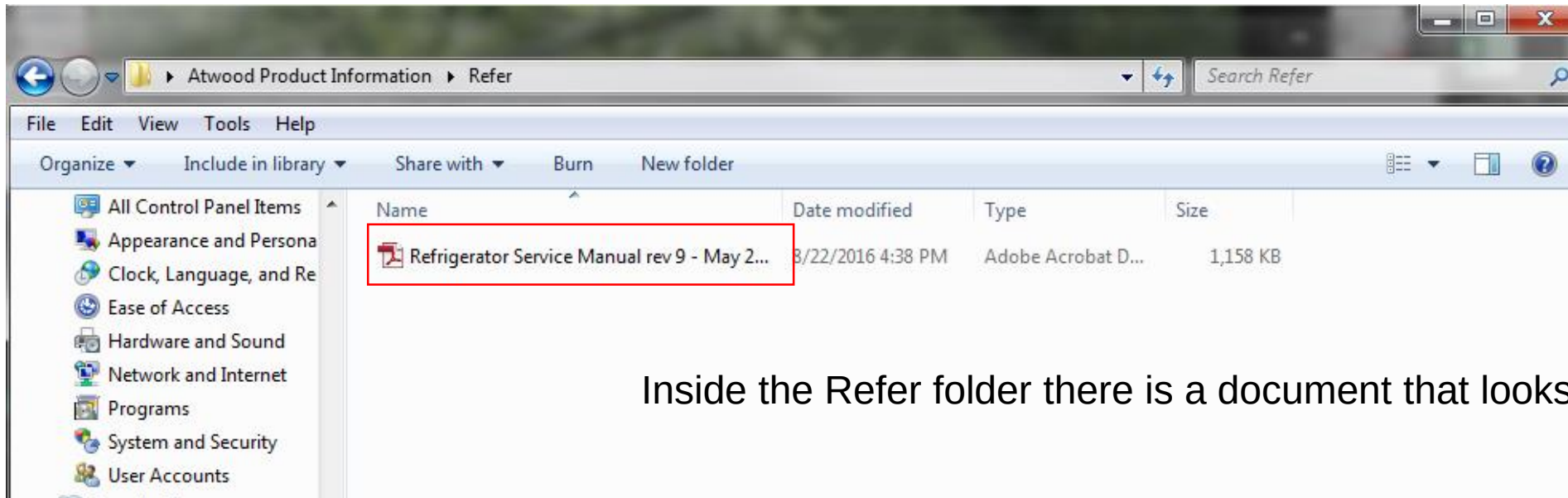




Helium Refrigerators and ORD 27, 31

Similar to the Air Command, putting the part number for an Atwood Refrigerator into this screen will not produce results. To obtain a parts list you must choose the Refer folder from Atwood Product Information.





Inside the Refer folder there is a document that looks like this



INTRODUCTION

The 2012 edition of the Atwood Refrigerator Service Manual is a resource created to help service technicians identify Atwood products by serial number, diagnose service problems, and efficiently and effectively process warranty claims. This manual offers a general overview of the product as well as more specific product information.

This document is a complete service manual for the Helium Refer. If you scroll to the end you will find a parts list for these fridges. This may be helpful for dealers trying to find alternate sources for parts.

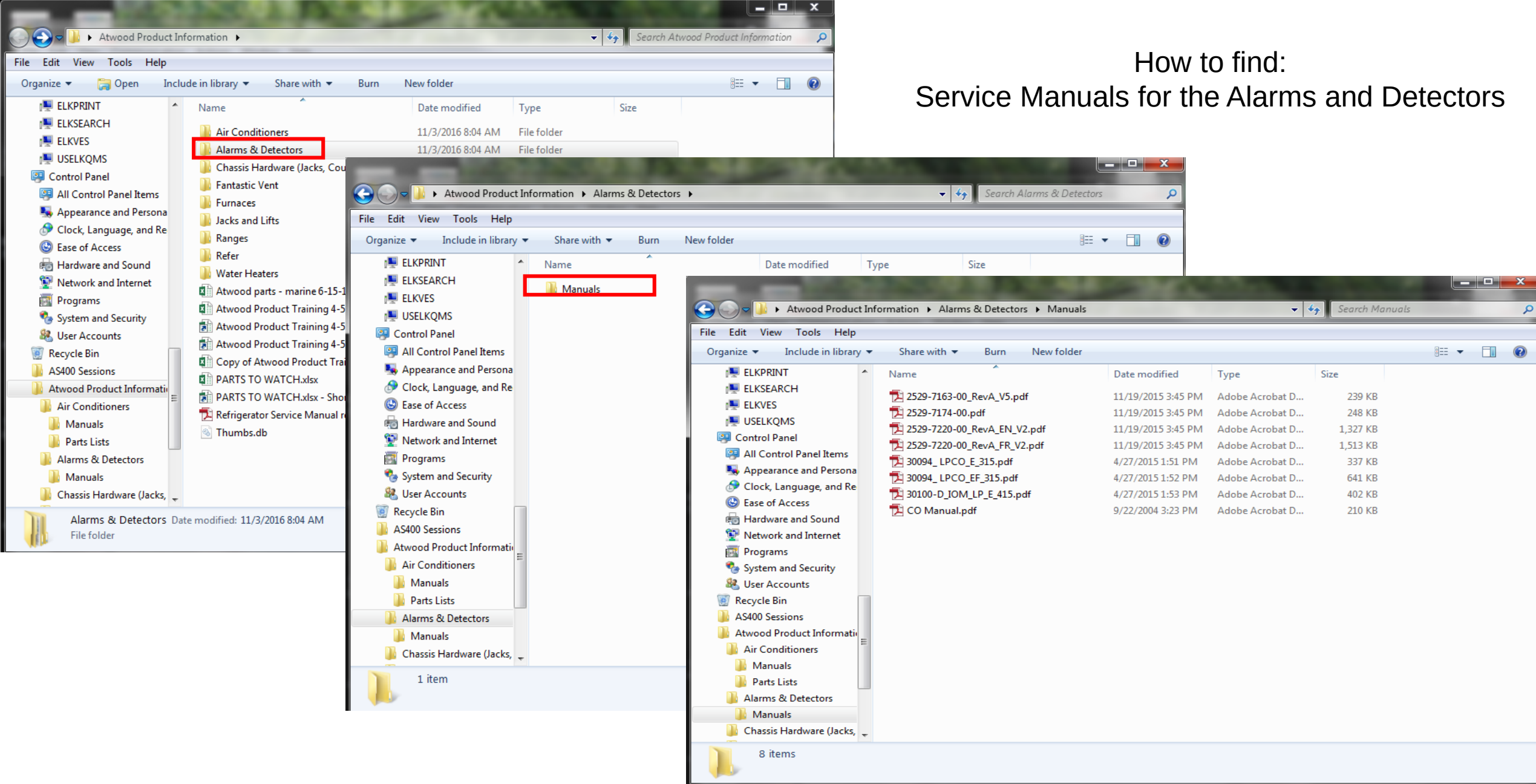


ALARMS AND DETECTORS

Mobile living made easy.

 **DOMETIC**

How to find: Service Manuals for the Alarms and Detectors



CARBON MONOXIDE GAS ALARMS

- These have a 10 year (from date of manufacture) lifespan
- They are available in digital or non-digital.
- Digital has a 7 year warranty
- Non-digital has a 5 year warranty



DUAL LP/CO ALARMS

- These have a 5 year warranty
- This unit will beep when the battery is low
- If you change the battery and the unit continues to beep repeatedly then it has reached the expiration of its lifespan and needs to be replaced
- The expiration dates are located on the back of the package
- There is an optional surface mounting box available for these units
- For a surface mount application they would order (1) alarm and (1) surface mounting box.



LP GAS DETECTORS

- 5 year warranty
- Old version was round
- New version is square
- Trim piece is not sold separately





FURNACES

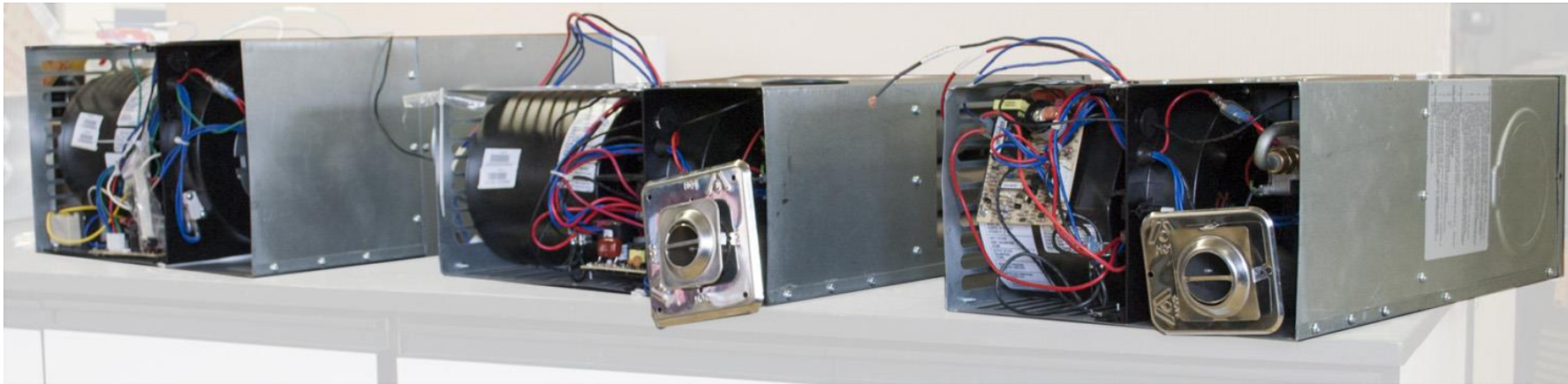
Mobile living made easy.



How an RV Furnace Works

All RV furnaces are designed on the concept of sealed combustion with two blower wheels.

1. Room air wheel-This pulls air from the inside of the RV and blows it over the outside of the heat chamber to wipe the heat from the chamber to force into the duct system to distribute it throughout the RV.
2. Combustion air wheel-Pulls the air from the outside of the RV and blows it into the chamber in to the burner to mix the gas for combustion and then blows the combustion air out the exhaust.
3. All the furnaces work the same just different shapes and sizes.



Furnace Sizing

The following methods should be used to determine the proper size furnace to use in the application.

1. If the unit is 8 ft. wide and has no slide-outs, use the following formula.

The inside length of the unit times 1000.

Example: Unit length is 30 feet; $30 \times 1000 = 30,000$ BTU (Require size).

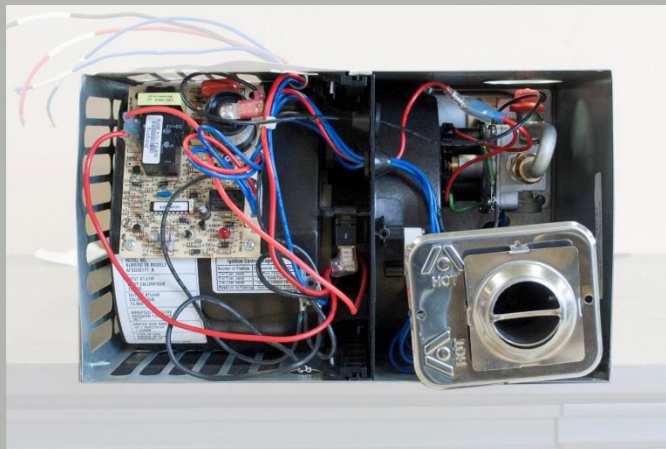
2. If the unit has slide-outs, take length times width of the slide-out, add to length times width of unit, times 125.

Example: Unit 31 feet long x 8 feet wide and has a slide-out that is 14 feet long x 3 feet wide. $(31 \times 8) + (14 \times 3) = 248 + 42 = 290$ (125) = 36,250 BTU required.

If the unit is wider than 8 ft. or has any slide-outs, use the following formula. The inside length times width time 125. Example: Unit length is 35 feet. Width is 12 feet, $(35 \times 12) \times 125 = 52,500$ BTU.

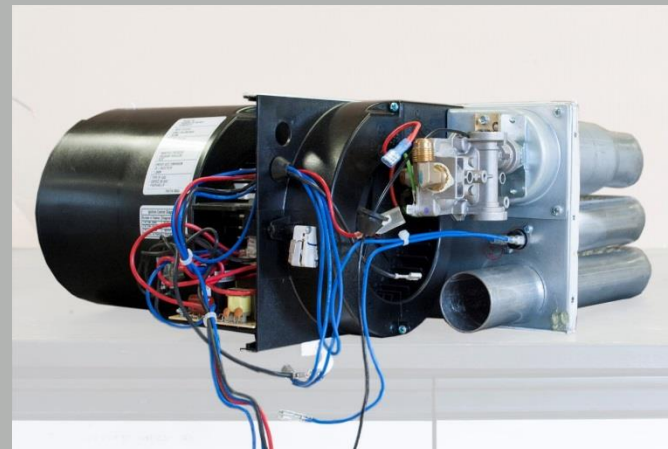
AFS

BTU 12K, 16K, 20K



AFM

BTU 16K, 20K, 25K, 30K, 35K

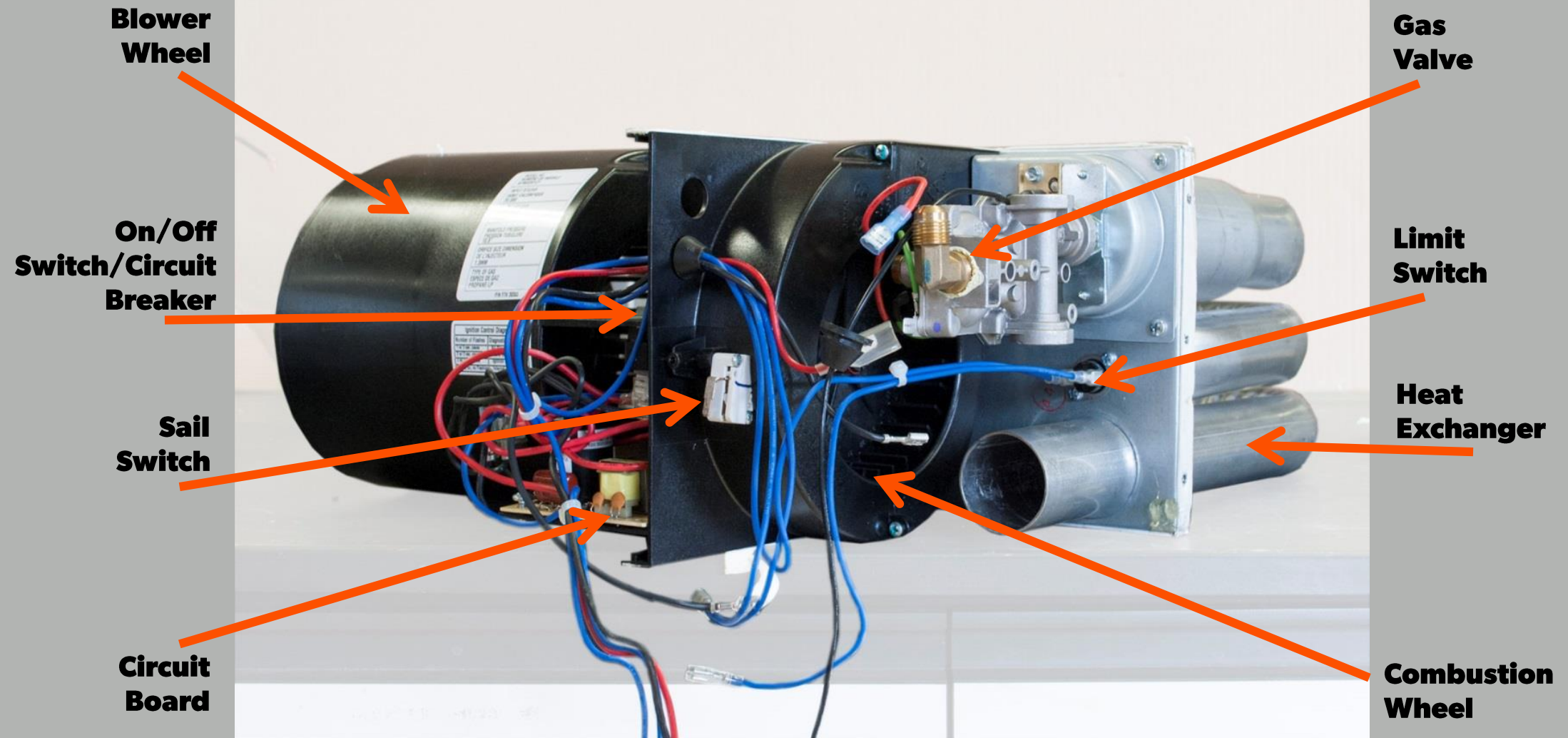


AFL

BTU 35K & 40K



Component Location



7900 Series

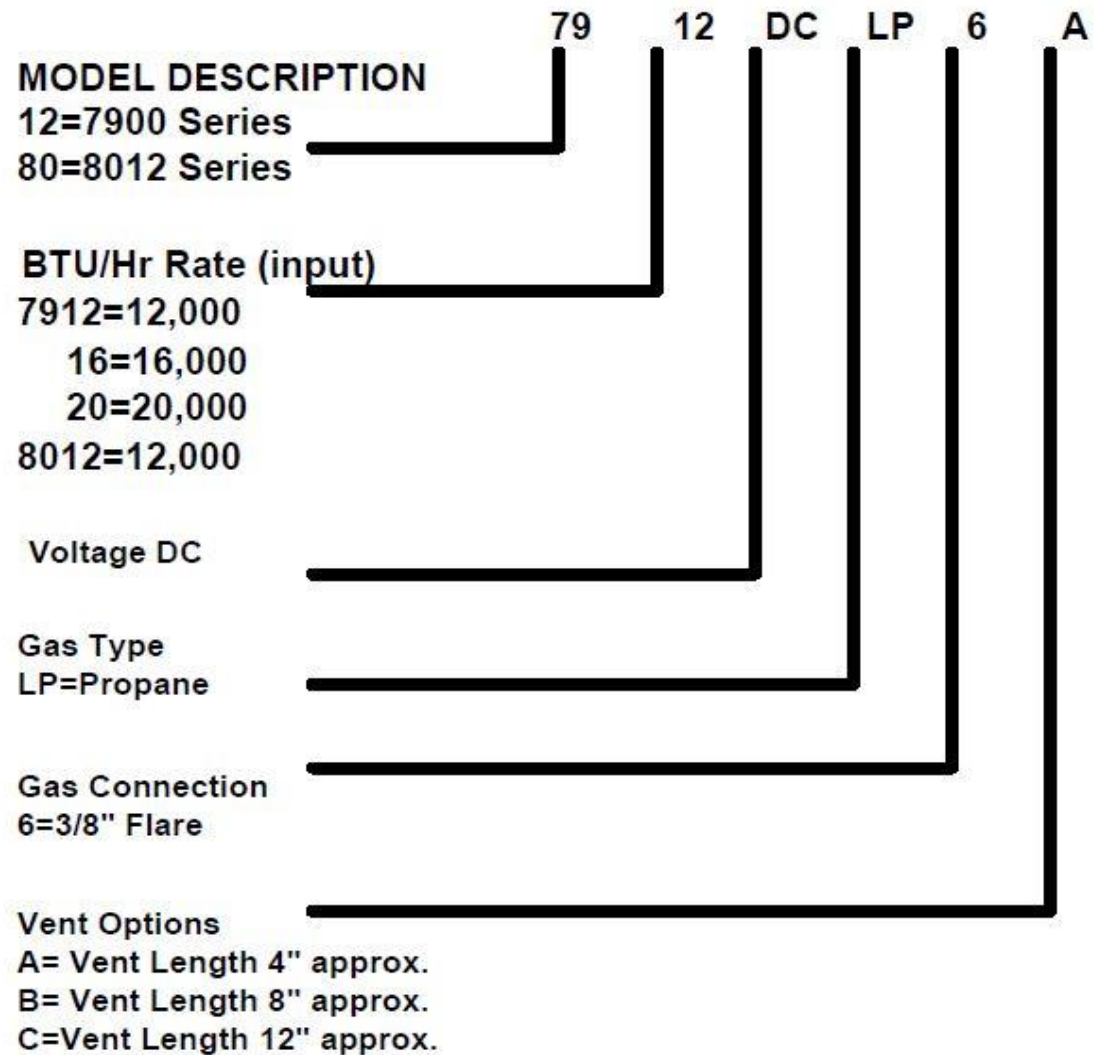
BTU 12K, 16K, 20K



➤ DOMETIC

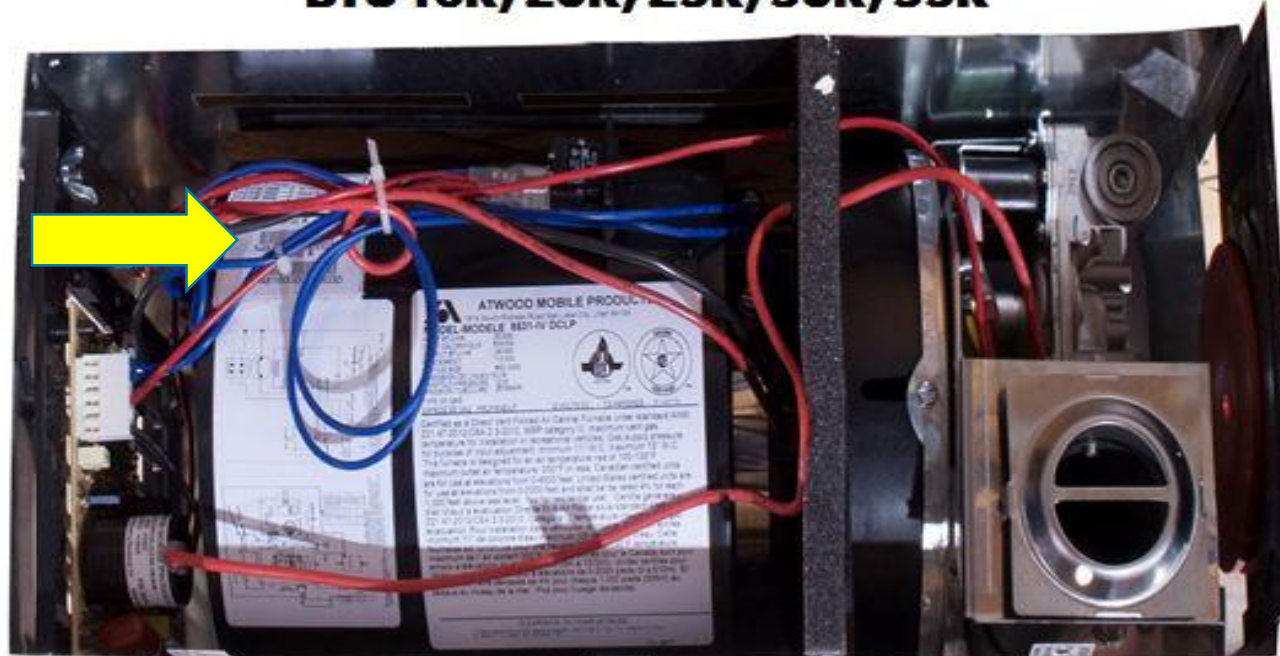
Serial number found on barcode label.

79/80 Series Model Identification



8500 Series

BTU 16K, 20K, 25K, 30K, 35K



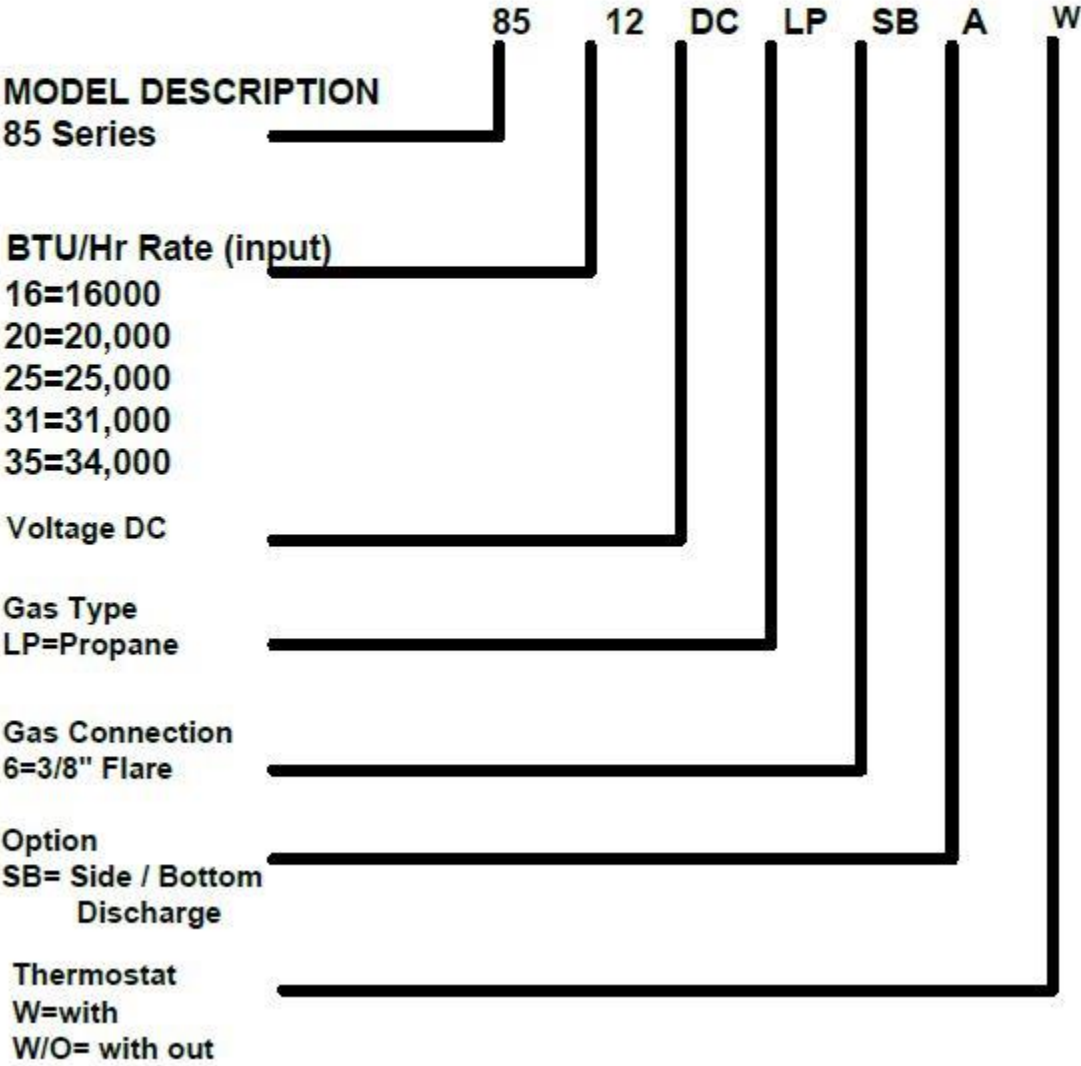
8500 Series
With and without an access door

Available in door and no door application

➤ DOMETIC

Serial Number Found On Barcode Label

8500 Series Model Identification



8900 Series

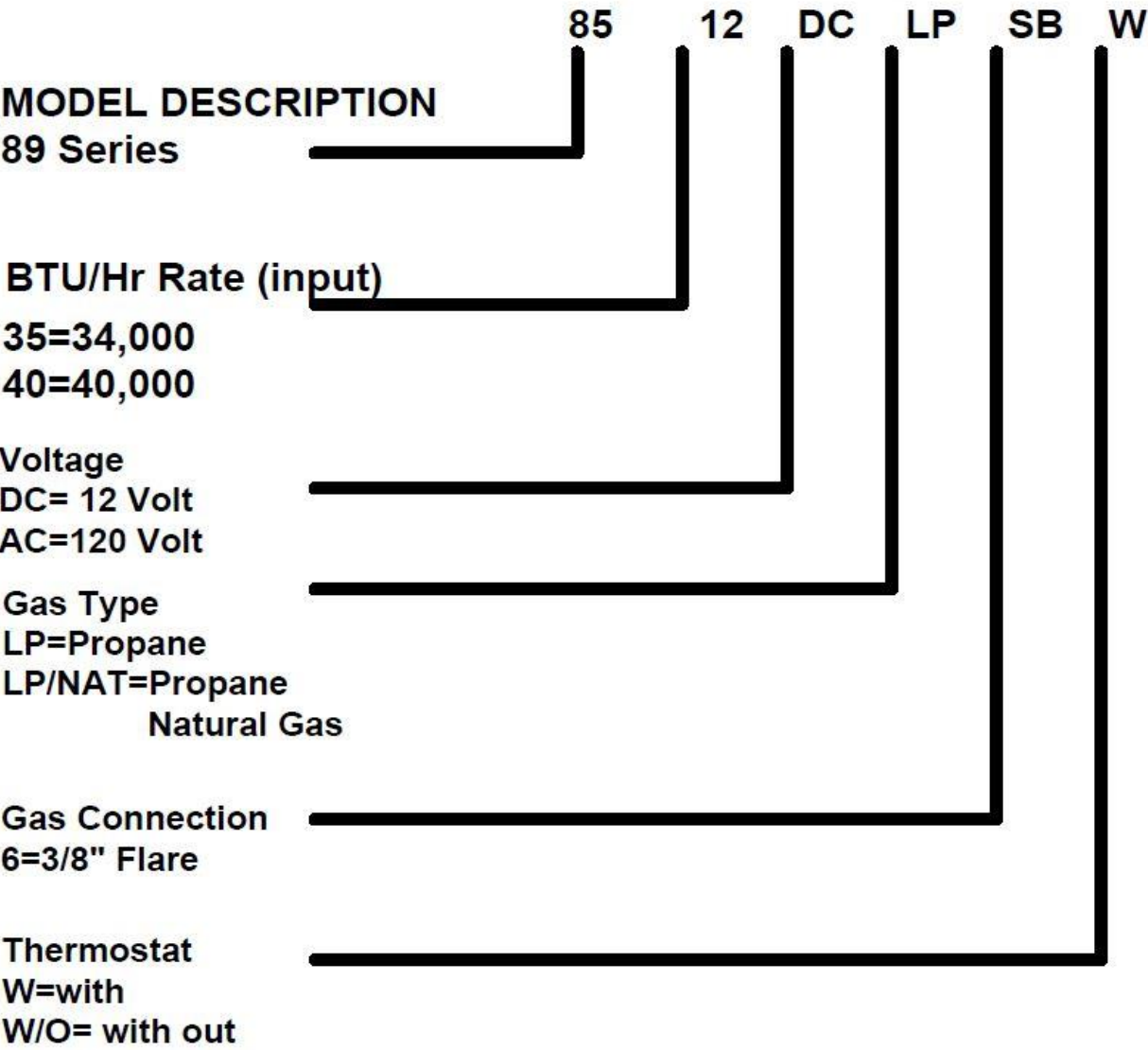
BTU 35K DC, 40K DC, 35K AC, 40K AC



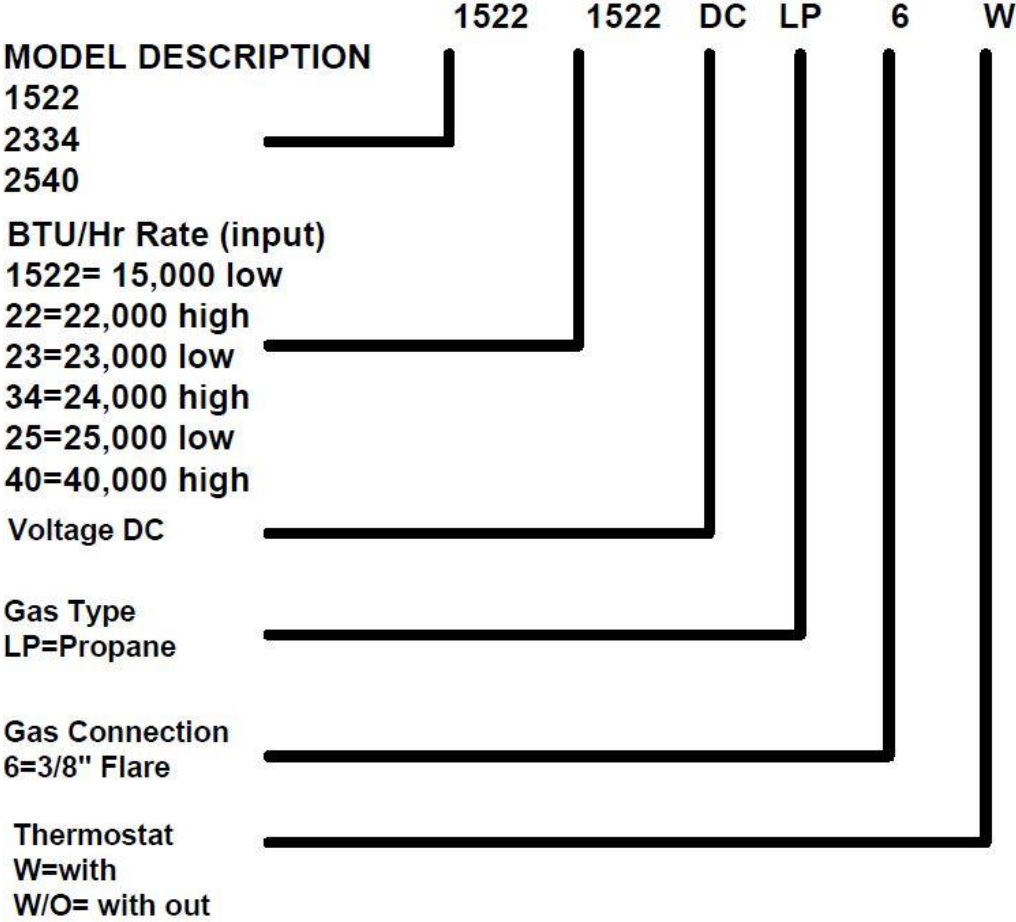
Shown With Optional Deluxe Door
Available Without Door/LD Models
AC Models Are LP



8900 Series Model Identification



85 / 89 Series Two Stage Model Identification



 2-Stage are unavailable now and must be completely replaced. This is treated as a new install and they must choose which BTU they wasn't and build from scratch.

Note: AF series ARE NOT a direct replacement.

New Furnace Platform

AFL = 8900, AFM = 8500, and AFS = 7900



↗ DOMETIC

Modifications are required to ducting, gas piping and door.

AFS Model Nomenclature

<u>AF</u>	<u>SA</u>	<u>D</u>	<u>12</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>A</u>
Atwood Furnace	Cabinet Size	Voltage	Input BTU/h	Type Of Gas	Style	Rate Stages	Rev
	SA = Low Amps	D = DC	12,000 16,000	1=LP	1=Door	1= Single	
	S= Small		20,000	2=LP/ NAT	2=LD (small vent)		
					3=Door w/rear gas fitting (<u>rg</u>)		
					4=Door w/connector (<u>pt</u>)		
					5=Door w/ rear gas fitting and connector (<u>rgpt</u>)		



AFM Model Nomenclature

<u>AF</u>	<u>M</u>	<u>D</u>	<u>25</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>A</u>
Atwood Furnace	Cabinet Size M= Medium	Voltage D = DC	Input BTU/h 16,000 20,000 25,000 30,000 35,000	Type Of Gas 1=LP	Style 1=Door 2=LD (small vent) 3=Door w/rear gas fitting (rg) 4=Door w/connector (pt) 5-Door w/ rear gas fitting and connector (rgpt)	Rate Stages 1= Single	Rev



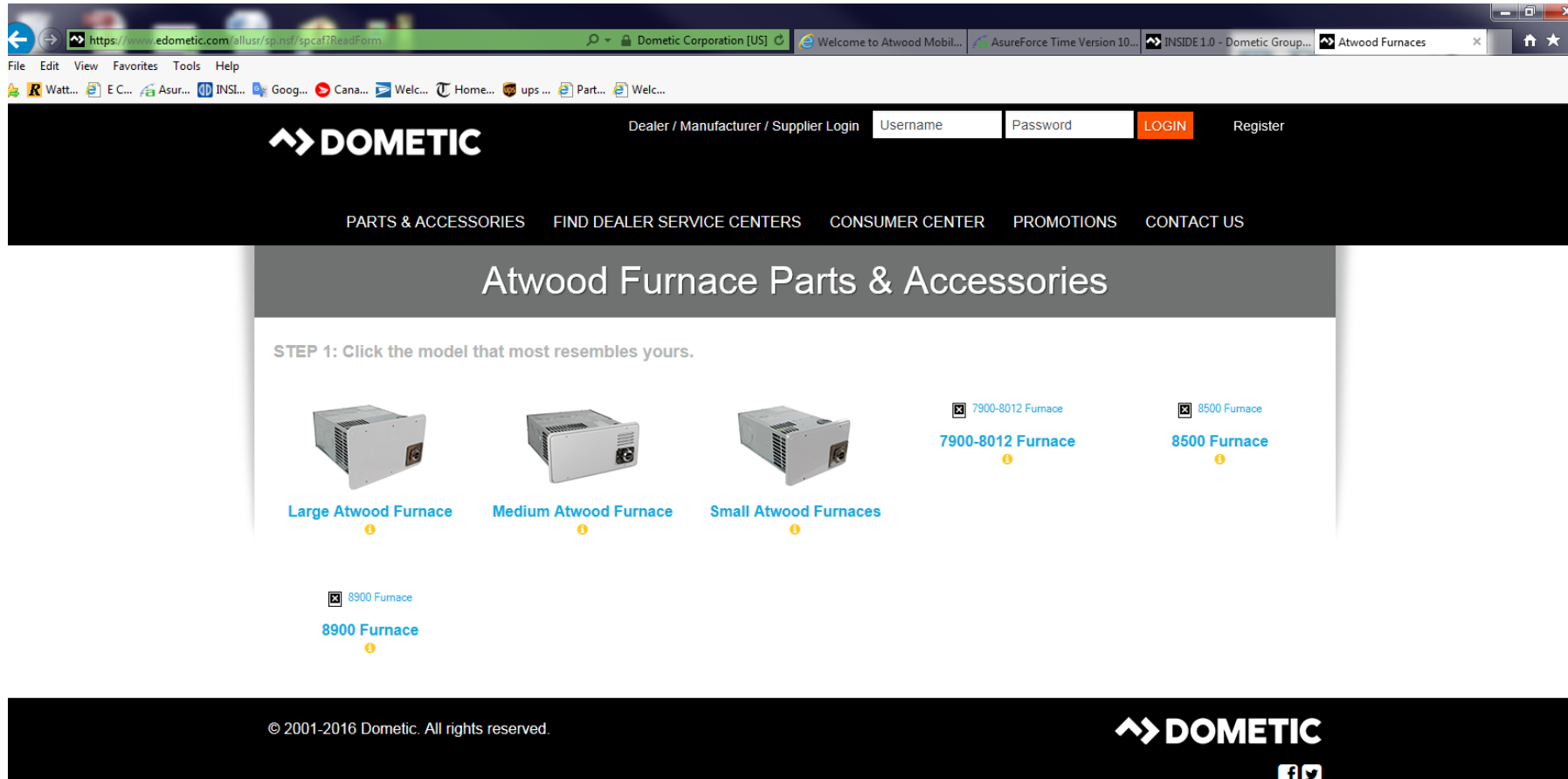
AFL Model Nomenclature

<u>AF</u>	<u>L</u>	<u>D</u>	<u>35</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>A</u>
Atwood Furnace	Cabinet Size	Voltage	Input BTU/h	Type Of Gas	Style	Rate Stages	Rev
	L= Large	D = DC	35,000	1=LP	1=Door	1= Single	
		A = AC	40,000	2=LP/ NAT	2=LD (small vent)		
					3=Door w/rear gas fitting (rg)		
					4=Door w/connector (pt)		
					5=Door w/ rear gas fitting and connector (rgpt)		



FINDING PARTS - CURRENT MODELS

GO TO EDOMETIC.COM, CLICK ON PARTS & ACCESSORIES THEN FURNACES



Dealer / Manufacturer / Supplier Login Username Password LOGIN Register

PARTS & ACCESSORIES FIND DEALER SERVICE CENTERS CONSUMER CENTER PROMOTIONS CONTACT US

Atwood Furnace Parts & Accessories

STEP 1: Click the model that most resembles yours.



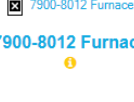
Large Atwood Furnace



Medium Atwood Furnace



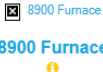
Small Atwood Furnaces



7900-8012 Furnace



8500 Furnace



8900 Furnace

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DOMETIC

Select the appropriate series then model number for parts

Model #: **AFMD25141**
Product #: 958683956

[Click Here
to View](#)

*Click the line for item inquiry. Click [▶](#) to see kit contents.

[View Parts Diagram](#)

ID	SERVICE PART	DESCRIPTION	MSRP*
4501	30335	▶ KIT, BREAKER CIRCUIT 10 AMP	\$4.95
4510	35100	▶ KIT, ELECTRODE AMS SML	\$30.56
4516	31098	▶ KIT, VALVE 12VDC TOP SML	\$52.93
4520	31094	▶ KIT, SAIL SWITCH ML	\$17.75
4534	32596	▶ KIT, DSI BOARD FOR AFM	\$133.97
4541	31501	▶ KIT, UNIVERSAL IGNITION DC	\$133.97
4549	30722	▶ KIT, MOTOR M25-30	\$73.76
4556	31114	▶ KIT, DC WIRING HARNESS	\$17.55
4560	31091	▶ KIT, LIMIT SWITCH 190	\$21.66
4570	32349	▶ KIT, MANIFOLD INLET SML V2/V3	\$16.02
4573	35706	▶ KIT, GAS LINE GROMMET	\$1.75
4575	36688	ADAPTER, DUCT, 2 INCH	\$7.83
4576	31474	▶ ADAPTER, DUCT 4 INCH	\$3.12
4577	31361	▶ PLATE, DUCT COVER, 4 INCH	\$2.81
4581	30268	▶ KIT, BURNER HEAD LP GAS	\$18.86
4601	30845	▶ KIT, ORIFICE 1.45MM LP	\$3.14
4610	31244	▶ KIT, CASING LEG	\$1.61
4615	30205	▶ KIT, ADAPTER PLATE BTM VERT	\$27.09

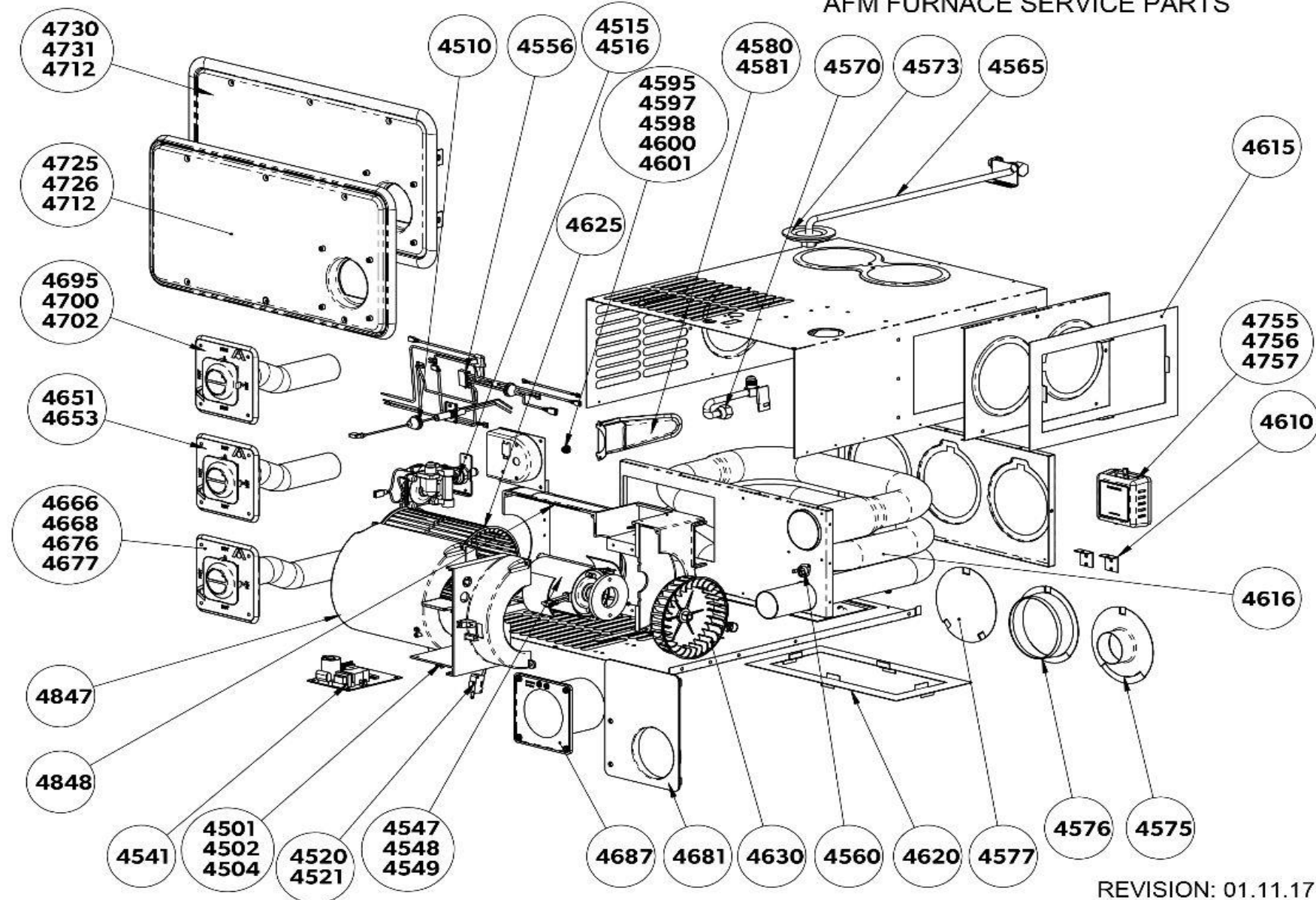
Mobile living made easy.



Model #: AFMD25141
Product #: 958683956

Click on **“View Parts Diagram”** for details

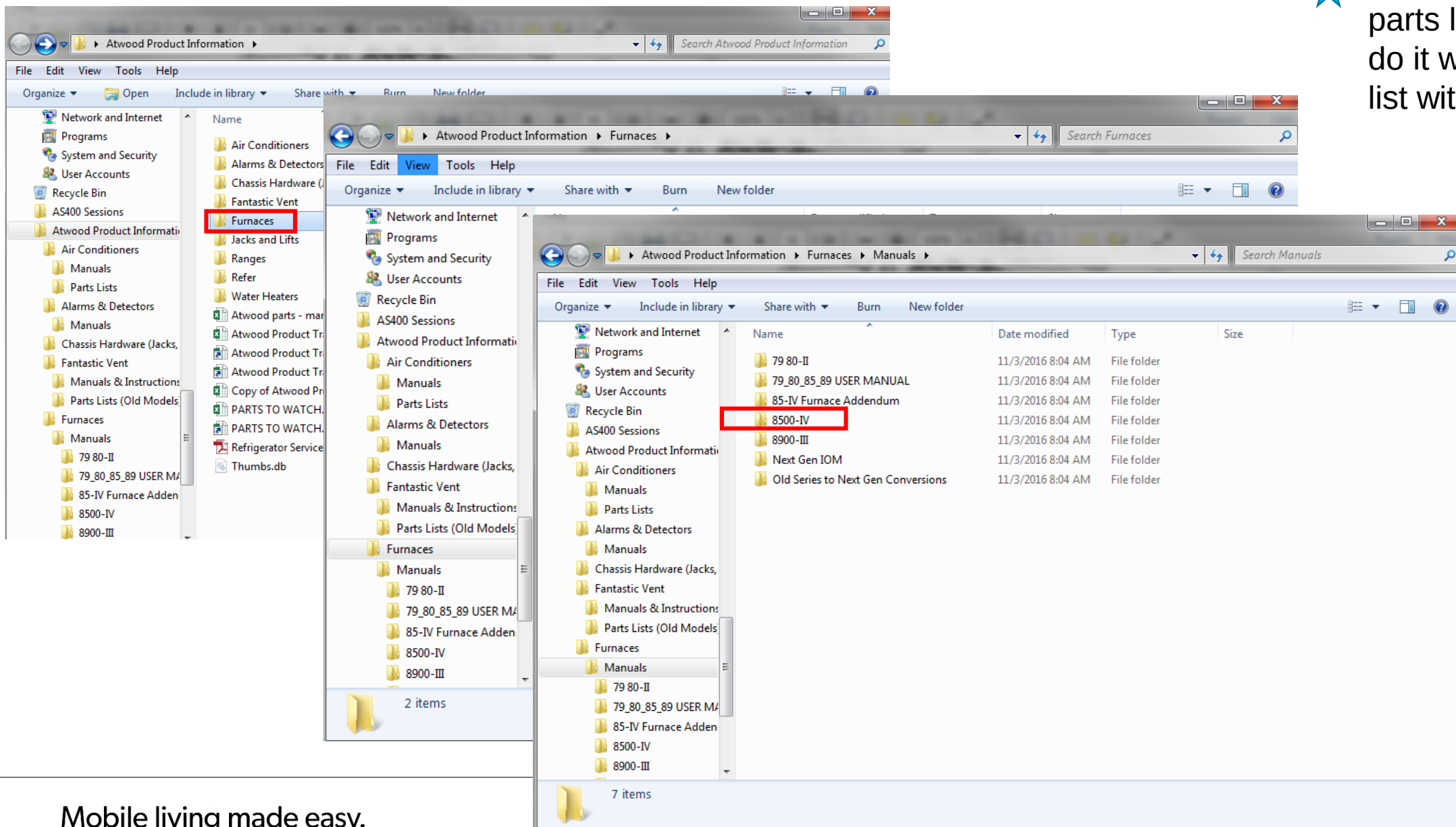
AFM FURNACE SERVICE PARTS



REVISION: 01.11.17

TO FIND FURNACE PARTS, YOU HAVE OPTIONS: OPTION 1

★ You may also open the parts lists folder, if you do it will open a parts list with no diagram ★



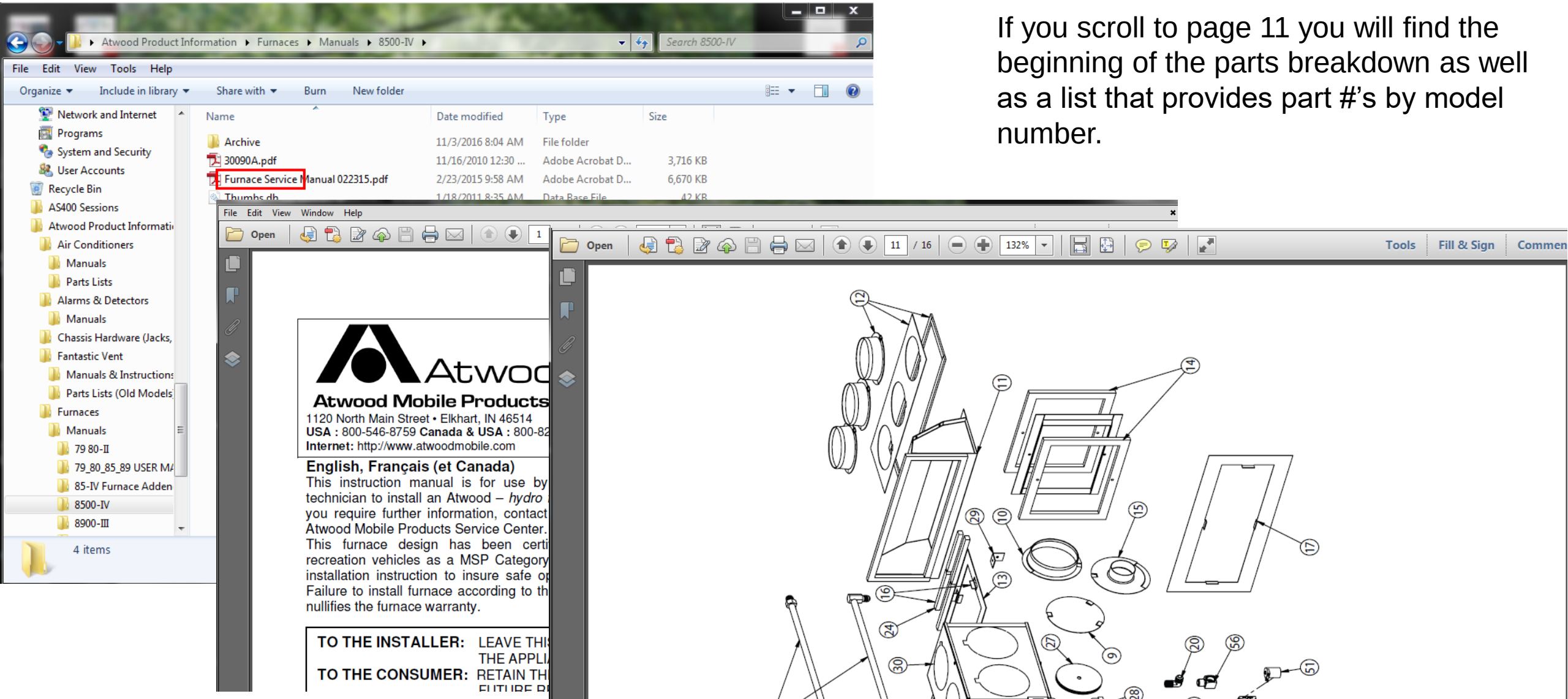
Mobile living made easy.

➔ **DOMETIC**

OPTION 1 CONTINUED

Once you open the PDF file you will be taken to a document that looks like this

If you scroll to page 11 you will find the beginning of the parts breakdown as well as a list that provides part #'s by model number.



OPTION 2 FOR FURNACE PARTS

In Ord 27, 31 you will get a parts list, but no accompanying parts diagram.

Session A
File Edit View Communication Actions Window Help
Host: DSC18818 Port: 9836 Workstation ID: E

DOM300-1 **Dometic**
Service Parts BOM Inquiry

32650 **Item Number**

Functions
F1 - Return to Menu
F7 - Item Alpha Lookup
F8 - Material Status
F14 - Indented Bill of Material
F15 - Single Level Bill of Material
F16 - Where Used Single Level
F17 - Where Used Multi Level
F18 - Where Used End Items

Session A
File Edit View Communication Actions Window Help
Host: DSC18818 Port: 9836 Workstation ID: ELKPC232A Disconnect

DOM300-2 **Dometic** 11/07/16
Service Part Single Level Bill of Materials 13:21:49
EFF ONLY

Parent 32650 FUR, AFLA35211 V4 SP Sts A Cls 7155
BOM Revision Number 16567 Revision On Hand 16

X	Lvl	Id	Service Part	Svc Part Desc	St	Mfg Item
	1	4510	35100	KIT, ELECTRODE AMS SML	AW	32016
	1	4517	31099	KIT, VALVE 24VAC TOP LA	AW	38612
	1	4520	31094	KIT, SAIL SWITCH ML	AW	31963
	1	4525	31092	KIT, SWITCH ON/OFF	AW	36121
	1	4530	31095	KIT, TRANSFORMER AC	AW	32228
	1	4540	30621	KIT, DSI BOARD AFL AC	AW	30574
	1	4546	30710	KIT, MOTOR AC AL35-40	AW	30766
	1	4560	31091	KIT, LIMIT SWITCH 190	AW	31932
	1	4573	35706	KIT, GAS LINE GROMMET	AW	30191
	1	4576	31474	ADAPTER, DUCT 4 INCH	A	31474
	1	4580	30209	KIT, BURNER HEAD LP/NAT GAS	AW	35491
	1	4596	31080	KIT, ORIFICE #51 LP	AW	32285
	1	4602	31088	KIT, ORIFICE 3.0MM LP	AW	30217
	1	4605	30216	KIT, CONVERSION 35K LA	AW	30221

F1-Exit F2-Prior F4-All/Effective F5-Restart

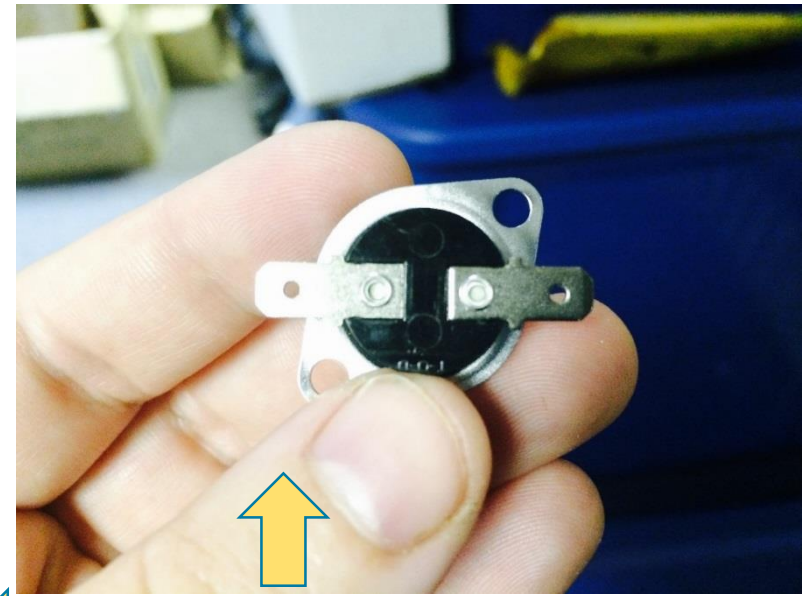
08/002

1901 - Virtual device has less function than source device

FURNACE PARTS



Sail Switch



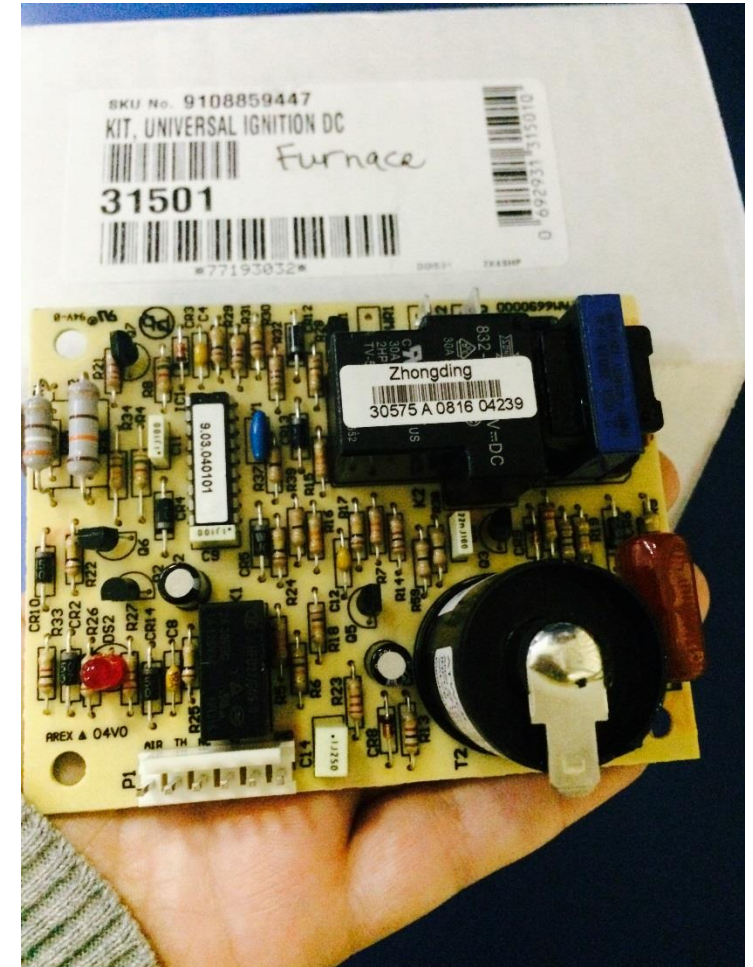
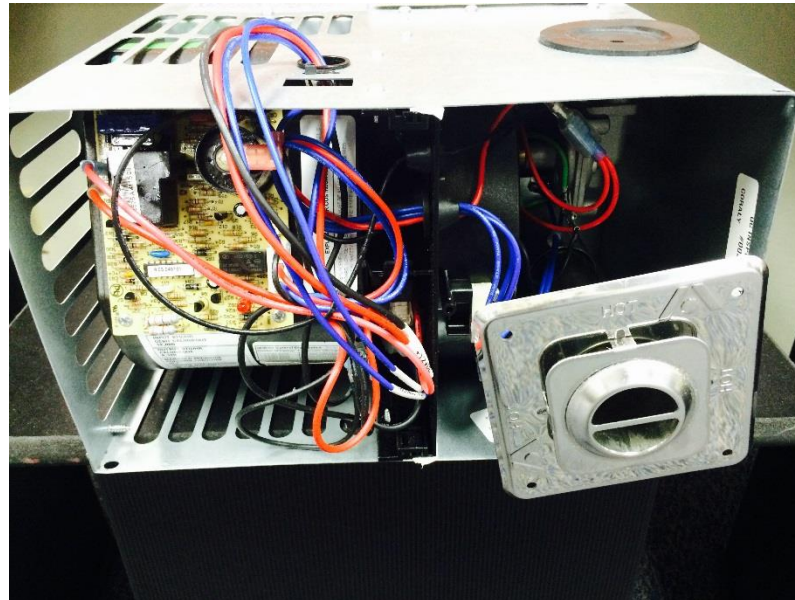
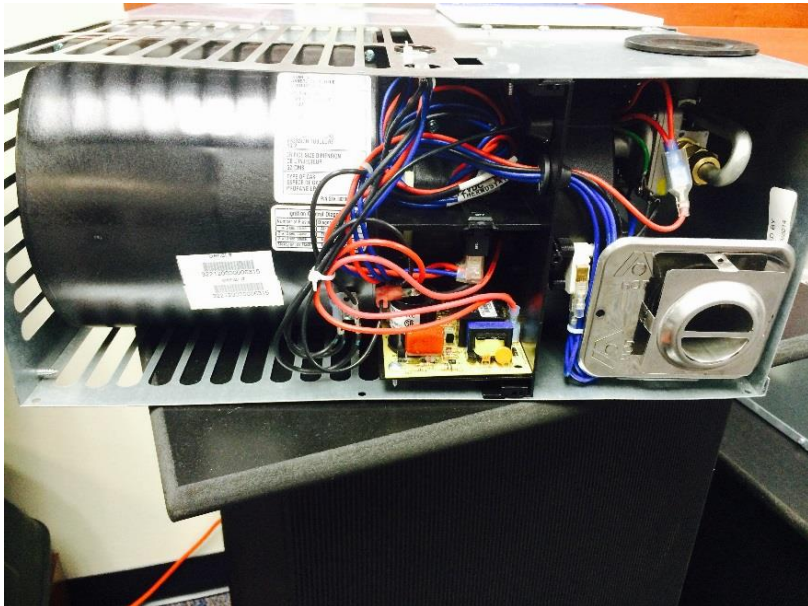
Limit Switch



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More Furnace Parts/Furnace Photos



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COMMON FURNACE PARTS

Control Board - The main "Brain" of the furnace. This receives communication from the thermostat or A/C control board and activates the furnace as needed.



Gas Valve - Receives power from the control board and opens up to allow gas through. This gas is then ignited, and provides the heat source for the customer.



Burner - Location in the furnace where the heat source (flame) is allowed to burn. Must have model number of the furnace in order to obtain a correct replacement. *Not Interchangeable*



Limit Switch - Thermal switch designed to turn off gas valve (and heat source) when the internal temperature of the furnace gets too hot. *Must have Model number in order to identify correct limit switch. Multiple temperature levels dependent upon model of the furnace*



Sail Switch - Micro switch that closes when air is passed over the paddle. This allows the furnace to begin ignition cycle - once the fan is moving. Multiple styles - replacement determined by model number.



Electrode/Igniter - Receives spark signal from the control board, sparks and ignites the LP gas, and sends a signal back to the control board letting it know the furnace is lit. *Several options (dual and single sense) for replacement - must verify correct replacement with model number*



Circuit Breaker Switch - "Off/Reset" toggle switch located on the metal casing of the furnace. This is a time delay breaker that allows for momentary spike in DC (12V) current.



Circuit Breaker Fuse - "Slow Blow" fuse that is installed in the main circuit breaker panel for the coach. While recommended for 30/35 KBTU DC models, it's not required.



Fan/Blower Motor - Single motor that has both a combustion (exhaust) wheel and blower (room air) wheel attached to each side. *Motor kits will come with all mounting hardware*



Blower Wheel - Can also be called squirrel cage - this is the large wheel located in the room air side of the furnace. *All furnaces have plastic blower wheels except for the 89 Series Furnaces - these are metal*



Combustion Wheel - Smaller wheel located on the exhaust side of the furnace provides outside air for combustion.



Heat Exchanger - Metal tubing where superheated air (from burner) is passed. The blower wheel moves air over the super heated tubing, and then passes into the duct work - which provides the customer with heat.



Door - Only for certain models - the outside access door into the furnace. *We have several versions of doors, and the doors for the older furnaces do not fit on the new furnaces. Furnaces do not come with access doors - must order separate.*



Exhaust Tube - Separate tube that fits inside heat exchanger - allows carbon monoxide to escape to the outside. *Different size baffles and styles based on model number and what version of access door is installed. Must confirm model number to identify correct part.*



ELECTRODES (POSSIBLY OTHER PARTS) FOR OLDER MODEL FURNACES

- You must take the model that they give you and go into this screen
- Find the part number for the model they give you and put that number into ORD 27,31.

Tech has informed us that though some of our parts lists lead us to believe the electrode is the same part # for any version of, let's say, an 8525, this is not true.

You need a serial number or specific part number to get specific parts for the furnace.

Atwood Product Training 4-5-1b.xls

Older Model Series Furnace Descriptions									
DB Doc Dull Black (Flat)	NV	No Vent Unit	BF	"B" Vent - Front Discharge	CF	"C" Vent - Front Discharge			
FB Doc Frame Black (Glos)	AF	"A" Vent - Front Discharge	BFS	"B" Vent Front - Side Discharge	CFS	"C" Vent Front - Side Discharge			
ML Doc Meadowlark	AFS	"A" Vent - Front - Side Discharge	BS	"B" Vent - Side Discharge	CS	"C" Vent - Side Discharge			
ND	AS	"A" Vent - Side Discharge	BV	"B" Vent - No Door Units Only					
7912 Series	34984	7912-II, DCLP6FS, ND, NV W/O TSTAT				BULK			
	34987	7912-II, DCLP6FS, ND, NV W/O TSTAT				SINGLE			
	36548	7912-II, DCLP6AF, ML DOOR W/O TSTAT				SINGLE			
	36569	7912-II, DCLP6AS, ML DOOR W/O TSTAT				SINGLE			
	36549	7912-II, DCLP6BF, ML DOOR W/O TSTAT				SINGLE			
7916 Series	36562	7912-II, DCLP6CFS, ML DOOR W/O TSTAT				SINGLE			
	34990	7916-II, DCLP6FS, ND, NV W/O TSTAT				BULK			
	34494	7916-II, DCLP6FS, ND, NV W/O TSTAT				SINGLE			
	34648	7916-II, DCLP6F, NV, FB DOOR W/O TSTAT				SINGLE			
	36545	7916-II, DCLP6AF, ML DOOR W/O TSTAT				SINGLE			
	36546	7916-II, DCLP6BF, ML DOOR W/O TSTAT				SINGLE			
	36547	7916-II, DCLP6CF, ML DOOR W/O TSTAT				SINGLE			
	36558	7916-II, DCLP6BFS, ML DOOR W/O TSTAT				SINGLE			
	36559	7916-II, DCLP6CFS, ML DOOR W/O TSTAT				SINGLE			
7920 Series	36566	7916-II, DCLP6AS, ML DOOR W/O TSTAT				SINGLE			
	36567	7916-II, DCLP6BS, ML DOOR W/O TSTAT				SINGLE			
	36802	7916-II, DCLP6F, NV, ML DOOR W/O TSTAT				SINGLE			
	34997	7920-II, DCLP6FS, ND, NV W/O TSTAT				BULK			
	35000	7920-II, DCLP6FS, ND, NV W/O TSTAT				SINGLE			
	36542	7920-II, DCLP6AF, ML DOOR W/O TSTAT				SINGLE			
	36554	7920-II, DCLP6AFS, ML DOOR W/O TSTAT				SINGLE			
7920 Series	36563	7920-II, DCLP6AS, ML DOOR W/O TSTAT				SINGLE			
	34875	7920-II, DCLP6BF, FB DOOR W/O TSTAT				SINGLE			
	36543	7920-II, DCLP6BF, ML DOOR W/O TSTAT				SINGLE			
	34958	7920-II, DCLP6BFS, DB DOOR W/O TSTAT				SINGLE			
	34831	7920-II, DCLP6BFS, FB DOOR W/O TSTAT				SINGLE			

Current Production Furnaces | Furnace Conversion Chart | Older Mdl Furnaces | Water Heaters

HELPFUL FURNACE INFORMATION

- Sail Switch v. Limit Switch
 - Sail Switch – senses the speed of the motor
 - Limit Switch – shuts down if the furnace gets too hot
- Circuit Boards are DSI ignition boards (Direct Spark Ignition)
- Large Furnaces are AC/DC all others are DC only
- 2-stage furnaces are NLA, we can replace with a next gen furnace but it will basically be a new install and there may be modifications that need to be made.
- There used to be a Natural Gas option, this is NLA for both the Small and Medium applications. However, we do have Large furnace options that can be converted to accept Natural Gas these models will be designated with a 2 in the sixth model number placement. Should the customer need the Natural Gas orifice for a Large AFLA furnace the part number is 30861
- The Knock-out Plate is 31371

NATURAL GAS FURNACE OPTION

AFS Model Nomenclature

<u>AF</u>	<u>SA</u>	<u>D</u>	<u>12</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>A</u>
Atwood Furnace	Cabinet Size	Voltage	Input BTU/h	Type Of Gas	Style	Rate Stages	Rev
	SA = Low Amps	D = DC	12,000 16,000 20,000	1=LP	1=Door	1= Single	
	S= Small			2=LD (small vent)			
				3=Door w/rear gas fitting (rg)			
				4=Door w/connector (pt)			
				5=Door w/ rear gas fitting and connector (rgpt)			



There used to be an option on the Small Furnaces for Natural Gas, This is not true anymore and is NLA.

AFL Model Nomenclature

<u>AF</u>	<u>L</u>	<u>D</u>	<u>35</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>A</u>
Atwood Furnace	Cabinet Size	Voltage	Input BTU/h	Type Of Gas	Style	Rate Stages	Rev
	L= Large	D = DC	35,000	1=LP	1=Door	1= Single	
		A = AC	40,000	2=LP/ NAT	2=LD (small vent)		
					3=Door w/rear gas fitting (rg)		
					4=Door w/connector (pt)		
					5=Door w/ rear gas fitting and connector (rgpt)		

Large furnaces do have the option but need to be ordered that way from the beginning. Natural Gas furnace option will be AC only with NO DC option.

SAIL SWITCHES

- You may come across instances where the model lists 2 sail switches.
- If this happens you need to get the Serial number of the furnace to determine which Sail Switch to give the customer
- AFM and AFS started using the “DF” sail switch with serial number 724
- AFL started using it at 816
- So depending on size and serial number you can determine which switch to give to the customer.

FURNACE CONVERSIONS

A STEP BY STEP GUIDE



Mobile living made easy.

 **DOMETIC**

SCENARIO:

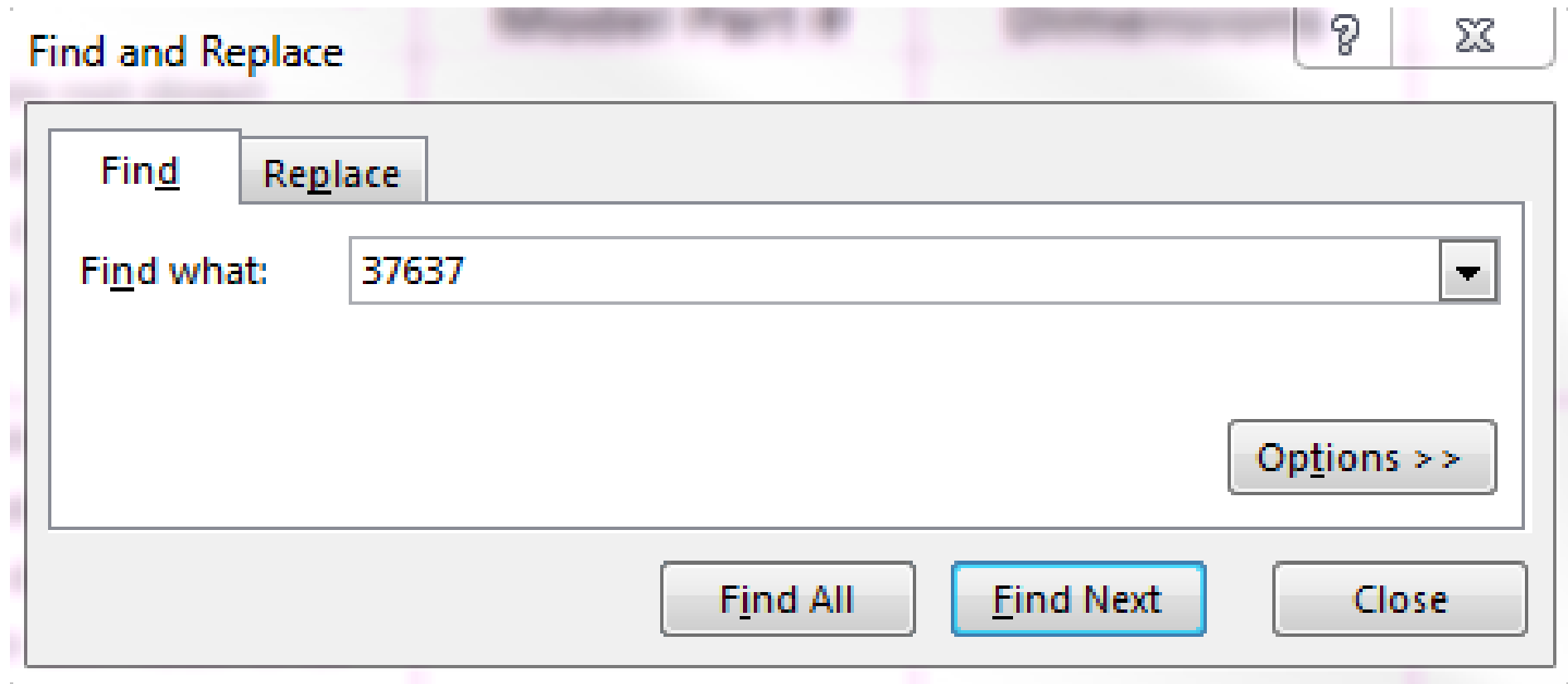
Customer calls in and says that they have a furnace #8525-IV DC and they need to replace it.

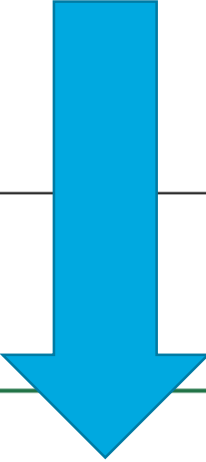
What should we do?

1st I am going to open my Atwood chart and go to the “Older Mdl Furnace” Tab

8525 Series	37632	8525-IV DCLP6 W/O TSTAT	BULK
	37637	8525-IV DCLP6 W/O TSTAT	SINGLE
	34387	8525-IV LD2 LONGMAN W/O TSTAT	BULK
	34386	8525-IV LD2 LONGMAN W/O TSTAT	SINGLE
	34360	8525-IV LD2 LONGMAN ELB W/O TSTAT	BULK
	34359	8525-IV LD2 LONGMAN ELB W/O TSTAT	SINGLE
	34813	8525-IV DCLP6 W/O FULL SIDE DISCHARGE	SINGLE
	37631	8525-IV DCLP6 W/O TSTAT	BULK
Furnace Conversion Chart			
Older Mdl Furnaces			
Water Heaters			
Ranges & Cool			

Locate their # on the “Furnace Conversion Chart” tab by using [CTRL] + [F] and the number you found on the previous tab



	E	F	G	H	I
1	en Furnace Conversion Chart				
2	Replaces Next Gen V1-3 Part #	Notes (Old Model to Next Gen)	Replaces Old Model Part #	Old Model Dimensions	Old Model Description
23	N/A	Next gen models are not direct replacements for old model furnaces. Cut out dimensions are different and modifications to the RV will need to be made.		7 3/8 x 16 1/2 x 18	N/A
24	N/A	Next gen models are not direct replacements for old model furnaces. Cut out dimensions are different and modifications to the RV will need to be made.		7 3/8 x 16 1/2 x 18	N/A
25	32144	Next gen models are not direct replacements for old model furnaces. Cut out dimensions are different and modifications to the RV will need to be made.		7 3/8 x 16 1/2 x 18	FUR,8525-IV DCLP6 SP-W/OT
26	32152	Next gen models are not direct replacements for old model furnaces. Cut out dimensions are different and modifications to the RV will need to be made.		7 3/8 x 16 1/2 x 18	FUR,8525-IV LD2 LONGMAN ELB-SP
		Next gen models are not direct replacements for old model furnaces. Cut			

You will most likely find your number on the far right side of the chart.

You will then need to follow the chart over to the left.

You will need to follow the chart from your number on the RH side all the way to the LH side where you will find the “Current Next Gen V4 Part #”

You will now need to take this number with you to the “Current Production Furnaces” tab

*** Sometimes you will need the number from the description (AFMD25111) instead of the part number***

Current Next Gen V4 Part #	Next Gen Description	Next Gen Dimensions	Notes (V1-3 to V4)	Replaces Next Gen V1-3 Part #	Notes (Old Model to Next Gen)	Replaces Old Model Part #	Old Model Dimensions
32673	FUR, AFMD20141 V4 SP	7 3/8 x 16 1/2 x 20	When changing from a V1-3 furnace to a V4 you must also change the door. See your door listing for part numbers as they vary by color.	N/A	Next gen models are not direct replacements for old model furnaces. Cut out dimensions are different and modifications to the RV will need to be made.	N/A	7 3/8 x 16 1/2 x 18
32674	FUR, AFMD20151 V4 SP	7 3/8 x 16 1/2 x 20	When changing from a V1-3 furnace to a V4 you must also change the door. See your door listing for part numbers as they vary by color.	N/A	Next gen models are not direct replacements for old model furnaces. Cut out dimensions are different and modifications to the RV will need to be made.	N/A	7 3/8 x 16 1/2 x 18
32675	FUR, AFMD25111 V4 SP		When changing from a V1-3		Next gen models are not direct	37637	7 3/8 x 16 1/2 x 18
			listing for part numbers as they vary by color.		modifications to the RV will need to be made.		
32676	FUR, AFMD25121 V4 SP	7 3/8 x 16 1/2 x 20	When changing from a V1-3 furnace to a V4 you must also change the door. See your door listing for part numbers as they vary by color.	32152	Next gen models are not direct replacements for old model furnaces. Cut out dimensions are different and modifications to the RV will need to be made.	34359	7 3/8 x 16 1/2 x 18
32677	FUR, AFMD25131 V4 SP	7 3/8 x 16 1/2 x 20	When changing from a V1-3 furnace to a V4 you must also change the door. See your door listing for part numbers as they vary by color.	N/A	Next gen models are not direct replacements for old model furnaces. Cut out dimensions are different and modifications to the RV will need to be made.	N/A	7 3/8 x 16 1/2 x 18



Medium Furnaces									
Aftermarket Part #	Model #	OEM Part #	Description	Replaces Model #	BTU	Dimensions	Power Source	Mounting	Important Notes
	AFMD16121	V4-32809 V3-30549 V2-30467 V1-32207	Medium (16K BTU) Furnace - No Exterior Door	8516 Series	16,000	7 3/8 x 16 1/2 x 20	12 VDC	Vertical or Horizontal	When replacing an old model with a next gen the size is different and modifications to the RV will need to be made. When going from V1-3 to V4 the door will also need replaced.
OEM Only	AFMD20121	V4-32816 V3-30550 V2-30468 V1-32209	Medium (20K BTU) Furnace - No Exterior Door	8520 Series	20,000	7 3/8 x 16 1/2 x 20	12 VDC	Vertical or Horizontal	When replacing an old model with a next gen the size is different and modifications to the RV will need to be made. When going from V1-3 to V4 the door will also need replaced.
OEM Only	AFMD25121	V4-32823 V3-30551 V2-30469 V1-32211	Medium (25K BTU) Furnace - No Exterior Door	8525 Series	25,000	7 3/8 x 16 1/2 x 20	12 VDC	Vertical or Horizontal	When replacing an old model with a next gen the size is different and modifications to the RV will need to be made. When going from V1-3 to V4 the door will also need replaced.
OEM Only	AFMD30121	V4-32828 V3-30552 V2-30470 V1-32213	Medium (30K BTU) Furnace - No Exterior Door	8530 Series	30,000	7 3/8 x 16 1/2 x 20	12 VDC	Vertical or Horizontal	When replacing an old model with a next gen the size is different and modifications to the RV will need to be made. When going from V1-3 to V4 the door will also need replaced.
OEM Only	AFMD35121	V4-32833 V3-30553 V2-30471 V1-32215	Medium (35K BTU) Furnace - No Exterior Door	8535 Series	35,000	7 3/8 x 16 1/2 x 20	12 VDC	Vertical or Horizontal	When replacing an old model with a next gen the size is different and modifications to the RV will need to be made. When going from V1-3 to V4 the door will also need replaced.
32663	AFMD16111		Medium (16K BTU) Furnace - Exterior Door Required	8516 Series	16,000	7 3/8 x 16 1/2 x 20	12 VDC	Vertical or Horizontal	When replacing an old model with a next gen the size is different and modifications to the RV will need to be made. When going from V1-3 to V4 the door will also need replaced.
32668	AFMD20111	V4-32815 V3-N/A V2-N/A V1-32142/ 32208	Medium (20K BTU) Furnace - Exterior Door Required	8520 Series	20,000	7 3/8 x 16 1/2 x 20	12 VDC	Vertical or Horizontal	When replacing an old model with a next gen the size is different and modifications to the RV will need to be made. When going from V1-3 to V4 the door will also need replaced.
32675	AFMD25111	V4-32822 V3-N/A V2-N/A V1-32144/ -----	Medium (25K BTU) Furnace - Exterior Door Required	8525 Series	25,000	7 3/8 x 16 1/2 x 20	12 VDC	Vertical or Horizontal	When replacing an old model with a next gen the size is different and modifications to the RV will need to be made. When going from V1-3 to V4 the door will also need replaced.

In this case, the part number works. You now have the aftermarket number for the replacement furnace.

Because you are going from an older model to a current you must also find the replacement door and vent kit

Medium Exterior Doors					
V1	V2	V3	V4	Model	Description
30689	-	-	30894	---	Medium Snow White (#4) Exterior Door and Bezel
32043	-	-	30895	---	Medium Beige (#11) Exterior Door and Bezel
30691	-	-	30896	---	Medium White (#23) Exterior Door and Bezel
30692	-	-	30897	---	Medium Sky White (#32) Exterior Door and Bezel
30731	-	-	30893	---	Medium Arctic White (#34) Exterior Door and Bezel
30700	-	-	30898	---	Medium Aluminum (#36) Exterior Door and Bezel
30703	-	-	30899	---	Medium Polar White (#40) Exterior Door and Bezel
30704	-	-	30900	---	Medium Goshen Gray (#43) Exterior Door and Bezel
30719	-	-	30892	---	Medium Black (#44) Exterior Door and Bezel
30705	-	-	30901	---	Medium Oxford White (#47) Exterior Door and Bezel
30706	-	-	30902	---	Medium Taupe (#49) Exterior Door and Bezel
30707	-	-	30903	---	Medium Tan (#50) Exterior Door and Bezel
30708	-	-	30904	---	Medium Champagne (#51) Exterior Door and Bezel
Medium Exterior Flush Mount Doors					
V1	V2	V3	V4	Model	Description
30348	-	-	30907	---	Flush Mount Snow White (#4) Exterior Door and Bezel
32243	-	-	30908	---	Flush Mount Beige (#11) Exterior Door and Bezel
30350	-	-	30909	---	Flush Mount White (#23) Exterior Door and Bezel
30351	-	-	30910	---	Flush Mount Sky White (#32) Exterior Door and Bezel
30327	-	-	30906	---	Flush Mount Arctic White (#34) Exterior Door and Bezel
30352	-	-	30911	---	Flush Mount Aluminum (#36) Exterior Door and Bezel
30353	-	-	30912	---	Flush Mount Polar White (#40) Exterior Door and Bezel
30326	-	-	30905	---	Flush Mount Black (#44) Exterior Door and Bezel
30354	-	-	30913	---	Flush Mount Goshen Grey (#43) Exterior Door and Bezel
30355	-	-	30914	---	Flush Mount Oxford White (#47) Exterior Door and Bezel
30356	-	-	30930	---	Flush Mount Taupe (#49) Exterior Door and Bezel
30357	-	-	30932	---	Flush Mount Tan (#50) Exterior Door and Bezel
30358	-	-	30933	---	Flush Mount Champagne (#51) Exterior Door and Bezel

You will need to ask:

1. Flush Mount or Not?
2. What Color?

For this example they choose Non flush mounted and white.

I use part number 30896

Material Status Inquiry 1/09/17

Item Number 30896

Description

If item number is blank, alpha s

Put your door part number into material status

Notice that this door is status "B" or out of production, also notice that F11 is flashing at you which means that there is additional information on this part.

INV300-02		Material Status Inquiry		1/09/17 10:50:11	
SKU# 9108916457	DOOR ASM M #22 WHITE V4	On hand	137.00		
Item 30896	MfgCls 7102	Cust. alloc	.00		
Class 71 U/M stock	EA	Mfg. alloc	.00		
Type 1 PURCH COMPNT	Draw/Formul # 16567	On order	.00		
Sales Type P PARTS	Status B DJONES	012916 Avail.	137.00		
Sold As	MTD	YTD	List/Catalog		
Opening Balance	141.00		Minimum Balance		
Issues	4.00	4.00	Lot Size Std.	12.00	
Receipts	.00	.00	Std Batch Size	1.00	
Adjustments	.00	.00	Bulk Pack Qty		
Sales Units	4.00	4.00	Single Item		
Sales Amt	62.00	62.00	Order Policy I INCREMENTAL		
Prod #	Component 860020002707260	Period Order Days	5		
Model #		MRP code	Lead Time Days		
Std. Cost		Vendors	Vendors Item # Buyer		
Svc Part/Id		61845	NINGBO HONGDU MODEL PLAST		
Weight/Unit	3.000				
Purch U/M cnv	1.000				
Len: 17.00	Wid: 12.00	Hgt: .00			
F1-End F2-New Item	F3-Locs	F4-Hist	F5-ers		
F9-Whs Item Inq		F11-Item Notes			
				F7-Whs F8-Tran Sum	

CCI180		Item Notes Inquiry		1/09/17 10:53:13	
Type	Item Notes				
Item	30896	SKU 9108916457			
Description	DOOR ASM M #23 WHITE V4				
Seq	Note Text	Print on P/O	Display at Order Entry		
1	OBOLETE COLOR WHEN INVENTORY DEPLETED USE	N	Y		
2	BULK ORDERS USE 30893	N	Y		
3	SERVICE ORDER USE KIT 30539	N	Y		
4		N	N		
5		N	N		
6		N	N		
7		N	N		
8		N	N		

The notes give us 2 different part numbers

One for a bulk pack of doors (OEM)

One for a service kit – This is the part number we will use in our order

You may put this number into your order for the door, but you will still need the part number to find your vent.

INV300-02		Material Status Inquiry		1/09/17 10:56:04	
SKU# 9108915813	KIT,DOOR M #34 ARCTIC WH V4		On hand	24.00	
Item 30539	MfgCls 7199 U/M pur EA		Cust. alloc	3.00	
Class 71	U/M stock	EA	Yield pct	100.00	Mfg. alloc .00
Type 4	MFG PRODUCT Draw/Formula #		On order	.00	
Sales Type P	PARTS	Status APTATKIN	041116 Avail.	21.00	
Sold As	MTD	YTD	List/Catalog		
Opening Balance	25.00		Minimum Balance		
Issues	3.00	3.00	Lot Size Std.	1.00	
Receipts	.00	.00	Std Batch Size	1.00	
Adjustments	2.00	2.00	Bulk Pack Qty		
Sales Units	2.00	2.00	Single Item		
Sales Amt	59.75	59.75	Order Policy I	INCREMENTAL	
Prod #	Component 860020002704788		Period Order Days	5	
Model #			MRP code	Lead Time Days	
Std. Cost	Vendors		Vendors Item #	Buyer	
Svc Part/Id					
Weight/Unit	1.950				
Purch U/M cnv	1.000				
Len: 22.00	Wid: 10.00	Hgt: 2.50			
F1-End	F2-New Item	F3-Locs	F4-Hist	F5-Orders	F7-Whs F8-Tran Sum
F9-Whs Item Inq	F11-Item Notes				

When you put the door number into material status you can see that it has item notes attached to it.

Inside the item notes of the door is where you will find your vent kit. To find the correct vent you will need the model number of your furnace.

CCI180		Item Notes Inquiry		1/09/17	
				10:59:08	
Type	Item Notes				
Item	30539			SKU 9108915813	
Description	KIT,DOOR M #34 ARCTIC WH V4				
Seq	Note Text	Print on P/O	Display at Order Entry		
1	V4 DOOR UPGRADE REQUIRES V4 DOOR VENT KIT UPGRADE	N	Y		
2		N	Y		
3	V4 DOOR VENT KITS FOR AFM MODELS:	N	Y		
4	31777- AFMD16111,AFMD25111,AFMD16131,AFMD25131	N	Y		
5	AFMD16141,AFMD25141,AFMD16151,AFMD25151	N	Y		
6		N	Y		
7	31809- AFMD30111,AFMD35111,AFMD30131,AFMD35131	N	Y		
8	AFMD30141,AFMD35141,AFMD30151,AFMD35151	N	Y		
9		N	Y		
10	31722- AFMD20111,AFMD20131,AFMD20141,AFMD20151	N	Y		
11		N	N		
12		N	N		
13		N	N		
14		N	N	+	
F1-Exit F2-Prev Screen HELP					

Our model was AFMD20111 so we will need to order vent kit number 31722.

For this scenario our three parts to order to replace the 8525-IV DC are:

1. 32675 (furnace)
2. 30539 (door)
3. 31722 (vent)

Sometimes, depending on which old model you start with you will get an answer like the one below, however (next slide) you will find that the part number will not pull up on the current production tab. When this happens take the AF number and move into current production

Current Next Gen V4 Part #	Next Gen Description	Next Gen Dimensions	Notes (V1-3 to V4)	Replaces Next Gen V1-3 Part #	Notes (Old Model to Next Gen)	Replaces Old Model Part #	Old Model Dimensions
32673	FUR, AFMD20141 V4 SP	7 3/8 x 16 1/2 x 20	When changing from a V1-3 furnace to a V4 you must also change the door. See your door listing for part numbers as they vary by color.	N/A	Next gen models are not direct replacements for old model furnaces. Cut out dimensions are different and modifications to the RV will need to be made.	N/A	7 3/8 x 16 1/2 x 18
32674	FUR, AFMD20151 V4 SP	7 3/8 x 16 1/2 x 20	When changing from a V1-3 furnace to a V4 you must also change the door. See your door listing for part numbers as they vary by color.	N/A	Next gen models are not direct replacements for old model furnaces. Cut out dimensions are different and modifications to the RV will need to be made.	N/A	7 3/8 x 16 1/2 x 18
32675	FUR, AFMD25111 V4 SP	7 3/8 x 16 1/2 x 20	When changing from a V1-3 furnace to a V4 you must also change the door. See your door listing for part numbers as they vary by color.	32144	Next gen models are not direct replacements for old model furnaces. Cut out dimensions are different and modifications to the RV will need to be made.	37637	7 3/8 x 16 1/2 x 18
32676	FUR, AFMD25121 V4 SP	7 3/8 x 16 1/2 x 20	When changing from a V1-3 furnace to a V4 you must also change the door. See your door listing for part numbers as they vary by color.		Next gen models are not direct replacements for old model furnaces. Cut out dimensions are different and modifications to the RV will need to be made.	34359	7 3/8 x 16 1/2 x 18
32677	FUR, AFMD25131 V4 SP	7 3/8 x 16 1/2 x 20	When changing from a V1-3 furnace to a V4 you must also change the door. See your door listing for part numbers as they vary by color.	N/A	Next gen models are not direct replacements for old model furnaces. Cut out dimensions are different and modifications to the RV will need to be made.	N/A	7 3/8 x 16 1/2 x 18

OCCASIONALLY, YOU WILL HAVE TO FIND THE AFTERMARKET REPLACEMENT OF AN OLDER MODEL FURNACE THAT CONVERTS TO AN OEM ONLY MODEL

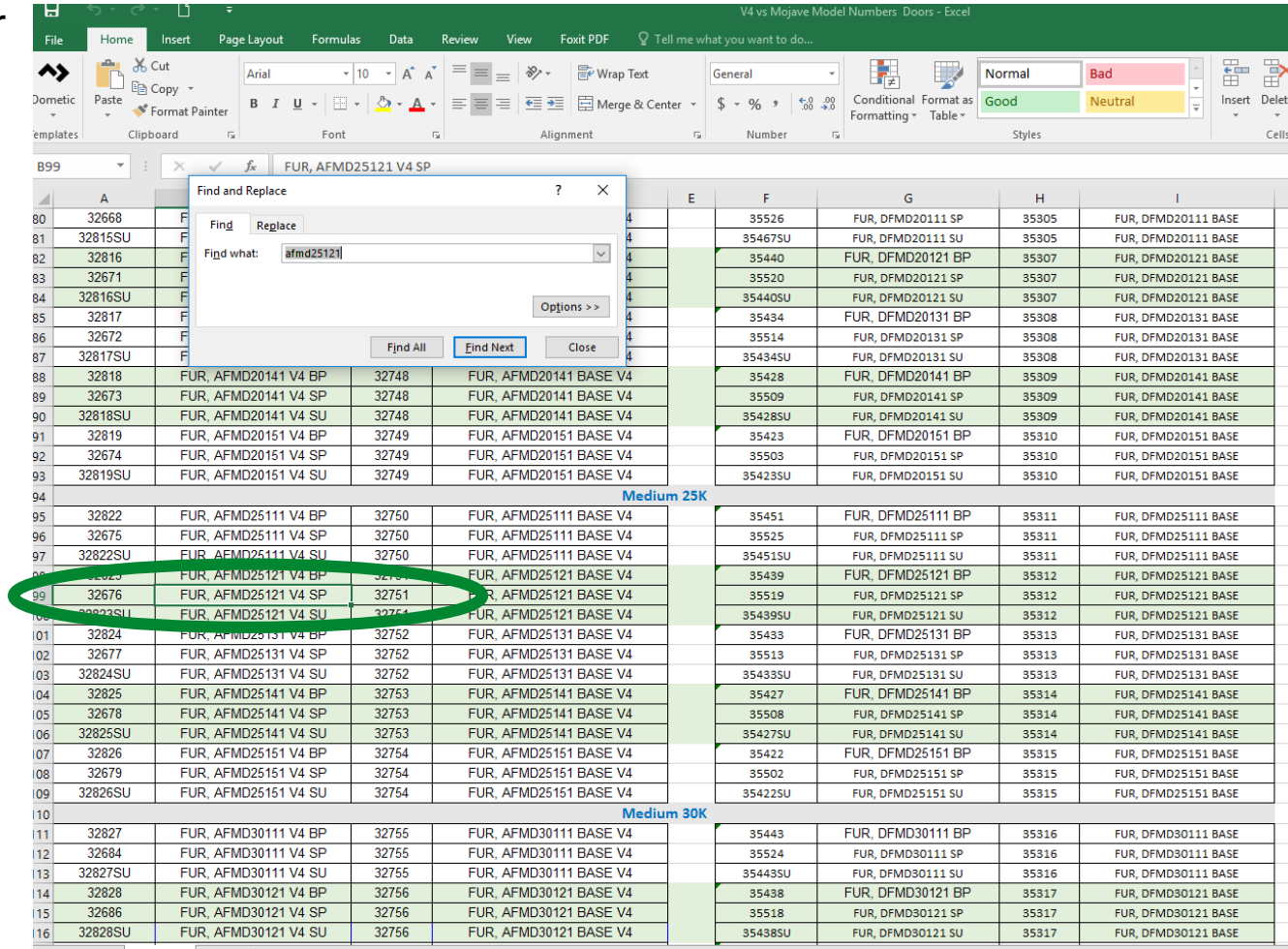
Small Furnaces									
Aftermarket Part #	Model #	OEM Part #	Description	Replaces Model #	BTU	Dimensions	Power Source	Mounting	Important Notes
30757	-	-	30849	---	Small Champagne (#51) Exterior Door and Bezel				
Medium Furnaces									
Aftermarket Part #	Model #	OEM Part #	Description	Replaces Model #	BTU	Dimensions	Power Source	Mounting	Important Notes
	AFMD16121	V4-32809 V3-30549 V2-30467 V1-32207	Medium (16K BTU) Furnace - No Exterior Door	8516 Series	16,000	7 3/8 x 16 1/2 x 20	12 VDC	Vertical or Horizontal	When replacing an old model with a next gen the size is different and modifications to the RV will need to be made. When going from V1-3 to V4 the door will also need replaced.
OEM Only	AFMD20121	V4-32816 V3-30550 V2-30468 V1-32209	Medium (20K BTU) Furnace - No Exterior Door	8520 Series	20,000	7 3/8 x 16 1/2 x 20	12 VDC	Vertical or Horizontal	When replacing an old model with a next gen the size is different and modifications to the RV will need to be made. When going from V1-3 to V4 the door will also need replaced.
OEM Only	AFMD25121	V4-32823 V3-30551 V2-30469 V1-32211	Medium (25K BTU) Furnace - No Exterior Door	8525 Series	25,000	7 3/8 x 16 1/2 x 20	12 VDC	Vertical or Horizontal	When replacing an old model with a next gen the size is different and modifications to the RV will need to be made. When going from V1-3 to V4 the door will also need replaced.
OEM Only	AFMD30121	V4-32828 V3-30552 V2-30470 V1-32213	Medium (30K BTU) Furnace - No Exterior Door	8530 Series	30,000	7 3/8 x 16 1/2 x 20	12 VDC	Vertical or Horizontal	When replacing an old model with a next gen the size is different and modifications to the RV will need to be made. When going from V1-3 to V4 the door will also need replaced.
OEM Only	AFMD35121	V4-32833 V3-30553 V2-30471 V1-32215	Medium (35K BTU) Furnace - No Exterior Door	8535 Series	35,000	7 3/8 x 16 1/2 x 20	12 VDC	Vertical or Horizontal	When replacing an old model with a next gen the size is different and modifications to the RV will need to be made. When going from V1-3 to V4 the door will also need replaced.
32663	AFMD16111		Medium (16K BTU) Furnace - Exterior Door Required	8516 Series	16,000	7 3/8 x 16 1/2 x 20	12 VDC	Vertical or Horizontal	When replacing an old model with a next gen the size is different and modifications to the RV will need to be made. When going from V1-3 to V4 the door will also need replaced.
		V4-32815 V3-N/A							When replacing an old model with a next gen the size is different and modifications to the RV will

For example, furnace model AFMD25121 is an OEM only model.

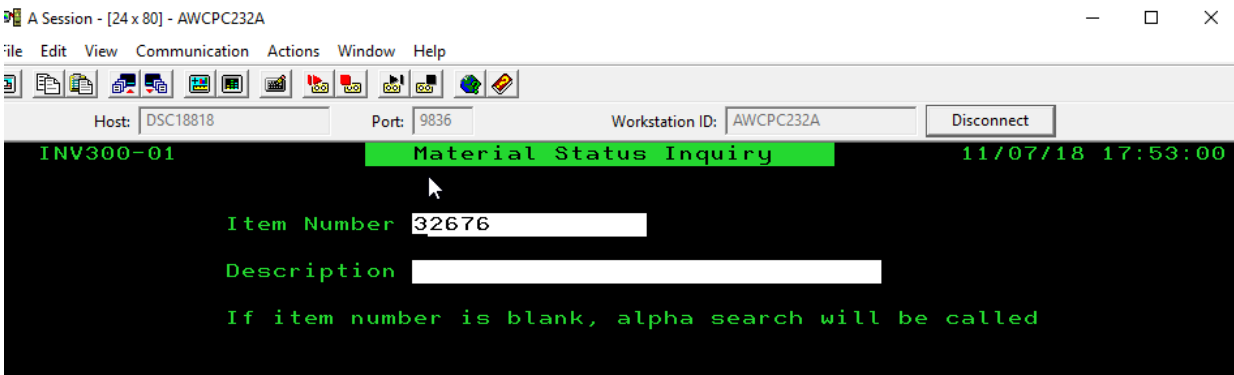
In this case you must find its aftermarket equivalent.

For How, see next slide

If you get an OEM only model you must find the aftermarket number... There is a spreadsheet I will be emailing out on which you can control find the model number

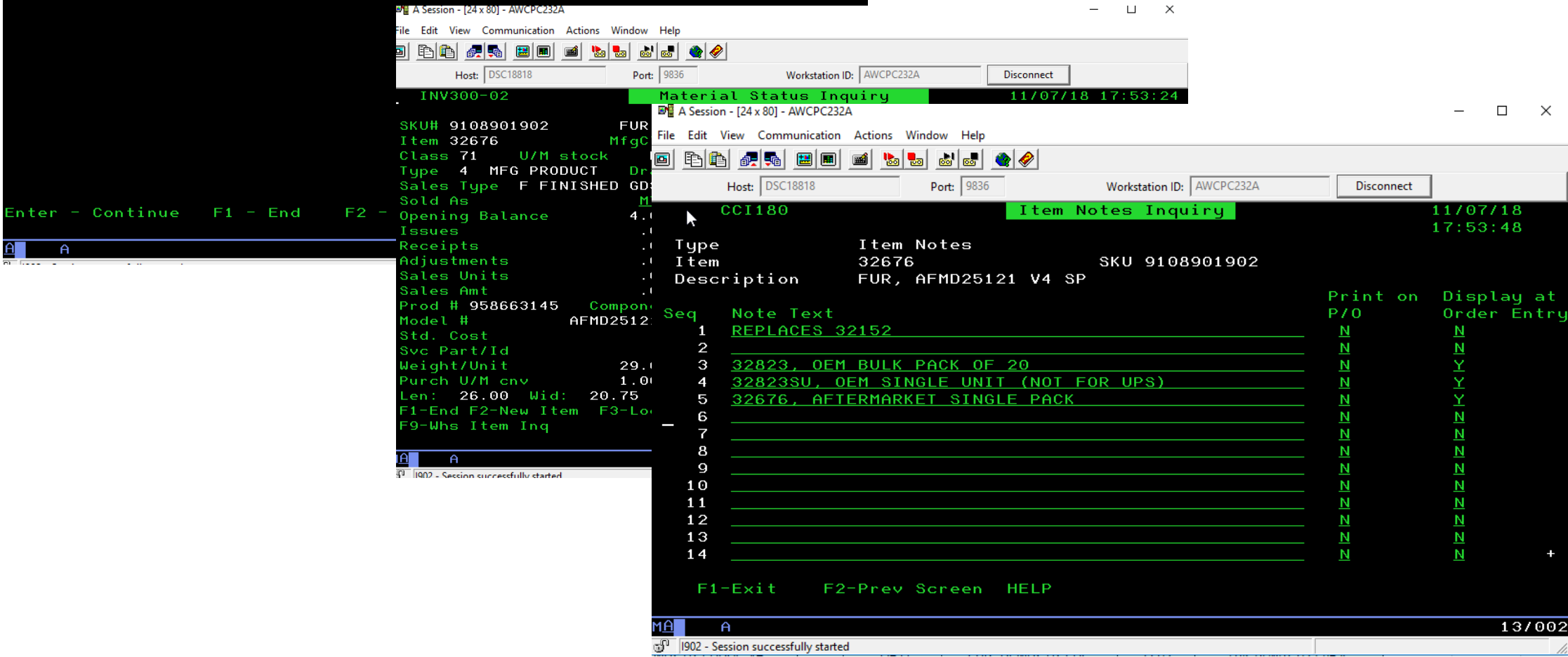


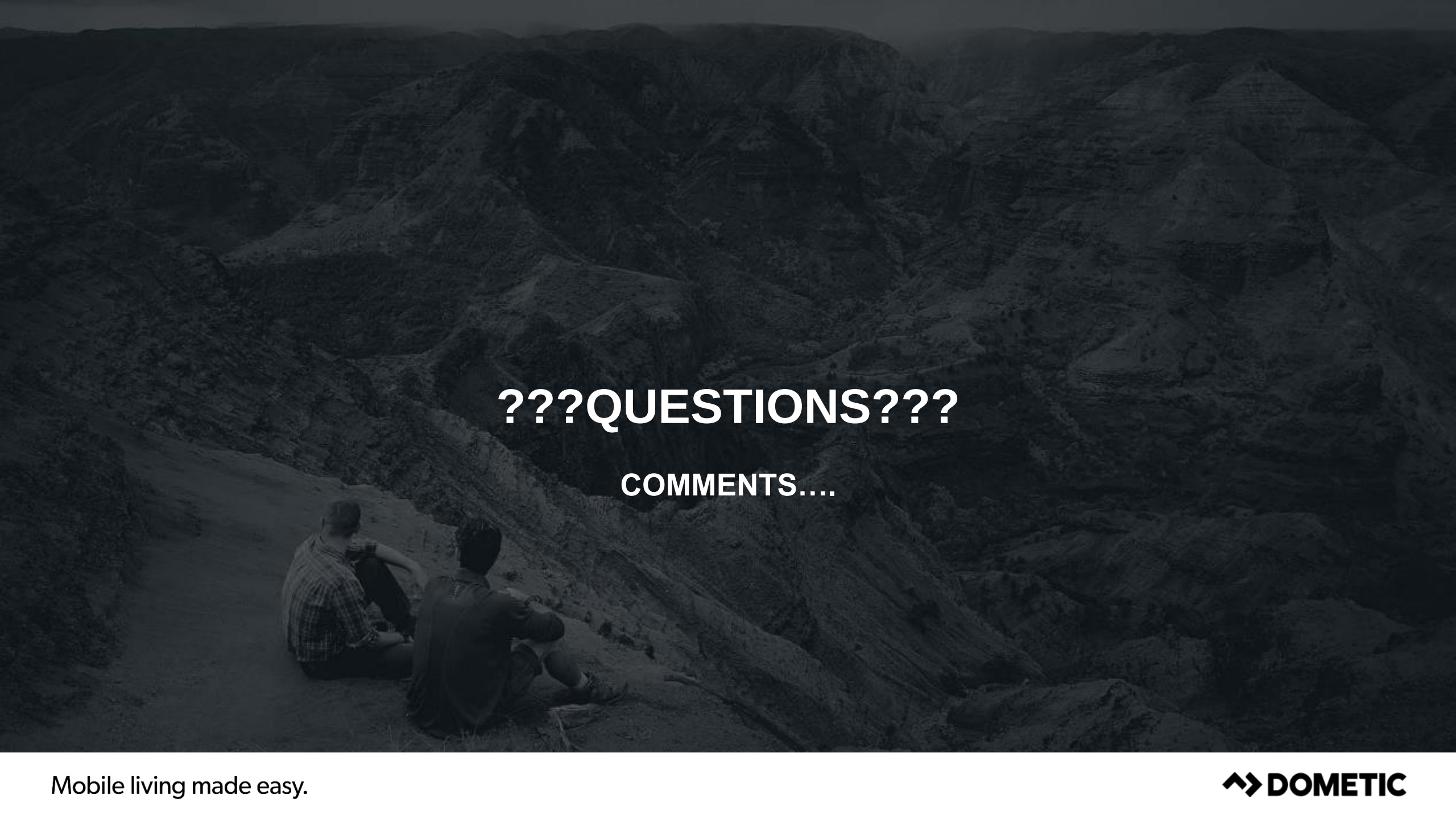
V4 vs Mojave Model Numbers Doors - Excel			
File Home Insert Page Layout Formulas Data Review View Foxit PDF Tell me what you want to do...			
Clipboard Font Alignment Number Styles Cells			
B99			
Find and Replace			
Find what: afmd25121			
Find All Find Next Close			
Medium 25K			
32668	FUR, AFMD20141 V4 BP	32748	FUR, AFMD20141 BASE V4
32673	FUR, AFMD20141 V4 SP	32748	FUR, AFMD20141 BASE V4
32674	FUR, AFMD20141 V4 SU	32748	FUR, AFMD20141 BASE V4
32675	FUR, AFMD20151 V4 BP	32749	FUR, AFMD20151 BASE V4
32676	FUR, AFMD20151 V4 SP	32749	FUR, AFMD20151 BASE V4
32677	FUR, AFMD20151 V4 SU	32749	FUR, AFMD20151 BASE V4
Medium 30K			
32682	FUR, AFMD30111 V4 BP	32755	FUR, AFMD30111 BASE V4
32684	FUR, AFMD30111 V4 SP	32755	FUR, AFMD30111 BASE V4
32687	FUR, AFMD30111 V4 SU	32755	FUR, AFMD30111 BASE V4
32688	FUR, AFMD30121 V4 BP	32756	FUR, AFMD30121 BASE V4
32689	FUR, AFMD30121 V4 SP	32756	FUR, AFMD30121 BASE V4
32690	FUR, AFMD30121 V4 SU	32756	FUR, AFMD30121 BASE V4



Once you have your model number / part number you can put it into Material Status and get the aftermarket number.

You may run into b status items as we are transitioning from AF models to DF models





???QUESTIONS???

COMMENTS....

A scenic coastal road with a white motorhome and cyclists. The road is paved and curves along a cliffside. A white motorhome is driving on the road, followed by three cyclists. The road is bordered by a metal guardrail. The background shows a blue ocean and a cloudy sky. The foreground is covered in green and brown vegetation.

↗ DOMETIC MOBILE LIVING MADE EASY.

Mobile living made easy.

↗ DOMETIC