



CMO 32-II CMO 32-II-R CMO 50-II

For the contractors and homeowners a nice option for replacement which allows to keep the actual burner, or added option for new burners, thus additional flexibility.

- Allows for great replacement options
- More burner options than ever for the contractor
- New drain valve location for footprint efficiency
- New safety valve location, for ease of commissioning and maintenance
- Exceeds the new efficiency requirements
- Our high recovery rate unit runs quiet while offering reliable and safe operation

OIL-FIRED HOT WATER HEATER



**CMO
32 / 50**

CMO 32-II • CMO 32-II-R • CMO 50-II



CMO 32-II

This version is very similar to the unit we have manufactured for years, it's been super reliable. Now we exceed the new efficiency requirements and have moved the drain valve and safety valve location for a better footprint install while making more convenient for the contractors when commissioning.

CMO 32-II-R

This version provides contractors the opportunity for replacements to most common burner insertion length at approximately 4 11/16" to 4 3/4".

The difference between the 32-II and 32 II-R is the depth of the burner flange in front which creates a different insertion distance thus more burner options.

CMO 50-II

Similar to the CMO32-II & CMO32-II-R, it is a continuity of the much reliable and efficient units we have been producing for years. We were able to keep our winning formula while exceeding the new efficiency requirements.



Burner Models

MODELS	Beckett AFG		Riello burners	
	F0	F3	40-F3	R35
CMO32-II	✓	✓	✓	
CMO32-II-R				✓
CMO50-II	✓		✓	

Technical Specifications

MODELS	CMO32-II			CMO32-II-R	CMO50-II	
	Beckett AFG-F0	Beckett AFG-F3	Riello 40-F3	Riello R35	Beckett AFG-F0	Riello 40-F3
Burners						
Firing rate (USGPH)	0.65		0.75	0.75	0.65	0.75
Insertion Tube	5 5/8"			4 3/4"	5 5/8"	
Input (BTU/h)	91 000		105 000	105 000	91 000	105 000
Capacity (BTU/h)	70 000		83 000	83 000	70 000	83 000
Efficiency	0.66		0.68	0.70	0.69	0.74
Min Efficiency (NRCAN)	0.63			0.63	0.59	
Recovery rate at 37.8°C (100°F) temperature rise	125 USGPH		184 USGPH	184 USGPH	155 USGPH	198 USGPH
GENERAL INFORMATION						
Overall dimensions (width x depth x height)	20" x 21 1/4" x 51"				24" x 24" x 59 1/2"	
Flue pipe diameter				6"		
Tank capacity	121 L / 32 US gal				189 L / 50 US gal	
Shipping weight	77 kg / 171 lb.				120 kg / 264 lb.	



3400, boulevard Industriel
Sherbrooke, Québec
J1L 1V8 Canada

T 1.819.346.8493
TF 1.800.567.2733
F 1.819.346.8468
info@dettson.ca
www.dettson.com