

TECHNICAL SPECIFICATIONS

CMF2 Series Oil and Gas Furnace

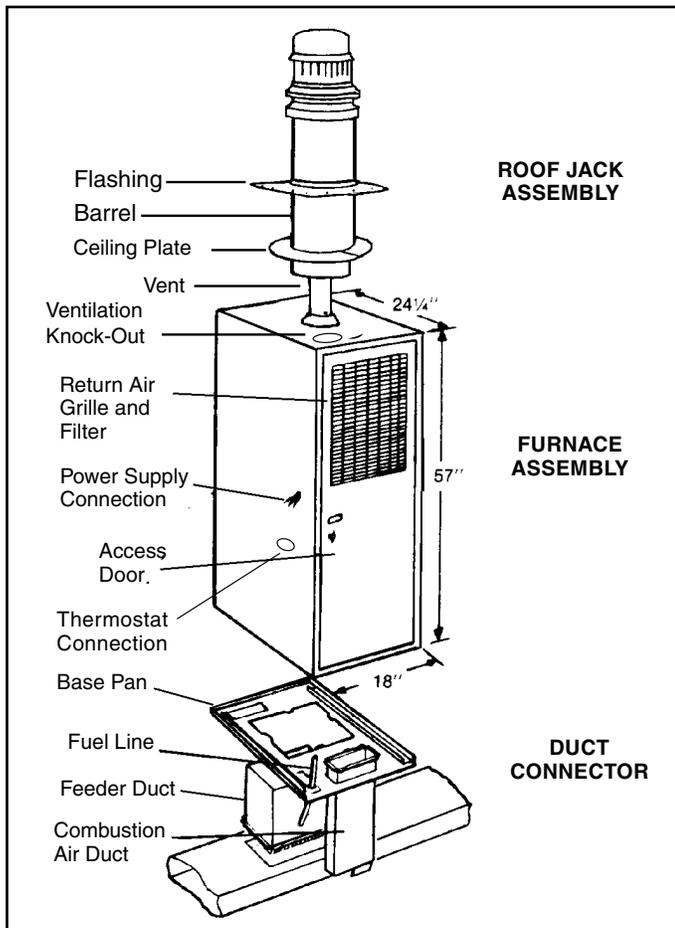
The CMF2 Series Furnace is a classic and time honored design. The CMF2 is a versatile and reliable product used in Manufactured Housing and other applications such as space heating, garages, hunting camps or single story residential structures. The new model CMF2 Furnace incorporates a multi-speed blower and multi-fired burner. Classic design countered with new technology make the new CMF2 today's choice for a multi-application fossil fuel heating appliance.



FEATURES and BENEFITS

- Three speed custom fit and painted blower for efficient, quiet operation.
- Multi-firing technology in gas and oil burner.
- Resized auxiliary limit switch eliminates nuisance cycling.
- Beckett oil burners are standard equipment.
- Classic 18" width dimension for tight replacement jobs.
- MA 100, MA 200, and CB 200 bases for versatility in applications.
- Drum/Tubular heat exchanger assures long life.

DIMENSIONS



AIRFLOW

UNIT CFM2

External Static Pressure (in WC)	Airflow (CFM)		
	Low speed For 65 Kbtu/h Input	Medium Speed For 75 Kbtu/h Input	High Speed For 90 Kbtu/h Input
0.1	730	920	1000
0.2	690	880	960
0.3	650	840	900
0.4	610	780	860
0.5	560	740	810
0.6	510	690	760

SPECIFICATIONS

	CMF 80 PG Convertible	CMF 80 PO Convertible
Factory Set Firing Rate (btu/hr)*	75,000	75,000
Heating Capacity (btu/hr)	56,000	60,000
Kit Converted** Firing Rate (btu/hr)	65,000 or 85,000	65,000 or 85,000
AFUE Rating (%)	75+	80+
Orifice Number for Natural Gas	20	N/A
Orifice Number for Propane (LP) Gas	40	N/A
Burner Nozzle for Oil	N/A	0.60 gph; A; 80°
Blower D x W	10 x 7	10 x 7
Motor H.P. -Speed -Type	1/4 -3 -PSC	1/4 -3 -PSC
Motor FLA	6.0	6.0
Fuse or Breaker	15 Amps	15 Amps
Nom. Anticipator Setting	0.6	0.6
Temperature Rise Range (Degree F)	55-85	55-85

Note: All models are 115 volt, 60 Hz, 1 phase. Gas connections are 1/2" NPT. Thermostat circuit is 24V, 60 Hz, 15VAC.

AFUE = Annual Fuel Utilization Efficiency

* Ratings to 2,000 ft. Over 2,000 ft, reduce ratings by 4% for each additional 1,000 ft above sea level.

** The firing rate of the CMF 80 Convertible series furnaces can be changed using an approved conversion kit.

ACCESSORIES

CMF Conversion Kits

PART NO.	DESCRIPTION
903099	CMF80PG 80 Kbtu/h to 65 Kbtu/h Conv. Kit
903100	CMF80PO 80 Kbtu/h to 65 Kbtu/h Conv. Kit
903101	CMF80PG 80 Kbtu/h to 100 Kbtu/h Conv. Kit
903102	CMF80PO 80 Kbtu/h to 100 Kbtu/h Conv. Kit

CMF Base Packages

PART NO.	DESCRIPTION
901696	CB-200A Cottage Base
903452	MA-200 Base Package with 3" feeder duct
903453	MA-200 Base Package with 8" feeder duct
903454	MA-200 Base Package with 13" feeder duct
903450	MA-100 Universal Base Package with 8" feeder duct
903451	MA-100 Universal Base Package with 13" feeder duct

Roofjacks

PART NO.	DESCRIPTION
104060000	SRJ1 Roof Jack Assembly
104060003	SRJ2 Roof Jack Assembly
104060015	SRJ3 Roof Jack Assembly
104060018	SRJ4 Roof Jack Assembly
104060024	SRJ5 Roof Jack Assembly
104360001	SRJ Roof Jack Extension

Miscellaneous

PART NO.	DESCRIPTION
902095	Automatic Shut Off Damper**
901855	New England Safety Kit
903456	Combustion Air Inlet Adapter Kit

**Required when home is air conditioned by a self-contained unit.

Adapters

PART NO.	DESCRIPTION
100447000	RA-S2.5 Roof Jack Assembly
100448000	RA-S3.0 Roof Jack Assembly
101561000	RA-S4.0 Roof Jack Assembly

Vent Pipes

PART NO.	DESCRIPTION
103947002	Vent Pipe-28
103947004	Vent Pipe-34
103947005	Vent Pipe-40
901697	Offset Vent Pipe

VentilAire™

PART NO.	DESCRIPTION
914098B	Ventilaire III
914229B	Ventilaire IV
914119	Ventilaire Tube Kit for CMF
914116	Ventilaire Soffit Vent Kit
917201A	Ventilaire Soffit Vent System

ORDERING INFORMATION

Please specify Model No. and Serial No. along with the exact part number(s) when ordering parts from the nearest authorized Dealer or Service Center.



GENERAL TERMS OF LIMITED WARRANTY

Nortek Global HVAC, LLC will furnish a replacement for any part of this product which fails in normal use and service within the terms and conditions of the warranty.

For complete details of the Limited Warranty, including applicable terms and conditions, see your local installer or contact the Nortek Global HVAC, LLC warranty department for a copy.

Before purchasing this appliance, read important energy cost and efficiency information available from your retailer. Specifications and illustrations subject to change without notice and without incurring obligations. Printed in U.S.A (09/2016)