Whirlpool®
Home Cooling & Heating

Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: 01/11/16

93% Upflow Gold Furnace

FEATURES

- Stainless steel tapered S-curve crimped, no weld heat exchanger
- Stainless steel secondary heat exchanger
- Compact 44 in. cabinet height
- Unitized construction for cabinet integrity
- Prepainted steel cabinet for maximum durability
- Easily removable slide-out design blower
- Multi-speed blower for wide airflow range
- PSC permanently lubricated blower motor for low maintenance and optimum efficiency
- Dynamically balanced blower with resilient motor mounts for smooth and quiet operation
- Isolated and insulated blower compartment to reduce sound levels
- Aluminized steel inshot burners
- Honeywell 24V gas valve
- Self diagnostic control board
- High density Norton Mini Ignitor
- 40 VA transformer
- Direct vent ready - dual certified
- Internal drain trap for compact installation
- Permanently lubricated draft motor with stainless steel shaft and air cooled for long life
- Complies with California Energy Commission Low NOx regulation
- Left or right gas entry and electrical entry
- "Zero" clearance (side and back)
- Start embossments for side return duct connection
- Appliance packaging used for all units

WARRANTIES

- Limited lifetime non-prorated warranty on primary and secondary heat exchanger
- 5 year limited warranty on all parts

DESIGN CERTIFIED®

EFFICIENCY RATING CERTIFIED Gama

WGFDU Gold Series Gas Furnace

RESURGAM, CITY OF PORTLAND, MAINE
Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 01/11/16

Model Number Guide

W G F D U 045 B 12 - 1A

- W - Whirlpool
- G - Gold Product
- F- Furnace
- D - 1 stage 93
- U - Upflow
- C - Counterflow
- BTU Heat x 1000 (045 = 45,000 BTU)
- Cabinet: B - 17 1/2 in.; C - 21 in.; D - 24 1/2 in.
- Airflow Descriptor: CFM x 100 (12 - 1200 CFM)
- Rev

Physical & Electrical Data

Model	Input (Btuh)	Output (Btuh)	AFUE	Nom. Cooling Cap.	Gas Inlet (in.)	Flue Size	Volts/ Hz/Phase	Min. Time Delay Breaker or Fuse	Nominal F.L.A.	Trans. (V.A.)	Weight (lbs.)
WGFDU045B12	45,000	42,000	92.5	1.5-3.0	1/2	2	120/60/1	15	5.4	40	160
WGFDU067B12	67,500	63,000	92.5	1.5-3.0	1/2	2	120/60/1	15	6.1	40	185
WGFDU067C16	67,500	63,000	92.5	2.5-4.0	1/2	2	120/60/1	15	7.4	40	195
WGFDU090C16	90,000	84,000	92.5	2.5-4.0	1/2	2	120/60/1	15	7.2	40	195
WGFDU090C20	90,000	84,000	92.5	3.0-5.0	1/2	2	120/60/1	15	10.4	40	205
WGFDU112D20	112,000	104,000	92.5	3.0-5.0	1/2	2	120/60/1	15	9.6	40	220

Vent Length Specifications - Maximum

Model	Pipe Size (in.)		
	2	2 1/2	3
WGFDU045	60ft	90ft	90ft
WGFDU067	60ft	90ft	90ft
WGFDU090	20ft	50ft	60ft
WGFDU112	NR	50ft	60ft

Allowance for vent terminal included in lengths shown. One 90" elbow equals 5 ft. of pipe. Min. length 5 ft. and 1 elbow not including the vent terminal.
NR - Not recommended.

Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: 01/11/16

Blower Performance Data

Model	Motor Size (hp)	Blower Size	Temp. Rise (∆F)	Blower Speed	*CFM @ ext. Diff. Static Pressure - in. w							
					.20	.30	.40	.50	.60			
WGFDU045B12	1/3	10 x 8	35-65	Hi	1,354	1,307	1,253	1,200	1,120	1		
				Med/Hi	1,087	1,075	1,044	1,010	965	615	840	750
				Med	823	854	840	816	780	738	678	607
				Low	740	730	720	680	665	620	N/R	N/R
WGFDU067B12	1/3	10 x 8	45-75	Hi	1,390	1,337	1,270	1,207	1,138	1,063	949	858
				Med/Hi	1,230	1,176	1,137	1,082	1,012	931	838	718
				Med	1,008	984	956	912	872	806	722	N/R
				Low	872	847	834	800	N/R	N/R	N/R	N/R
WGFDU067C16	3/4	12 x 10	35-65	Hi	1,921	1,888	1,831	1,759	1,668	1,624	1,549	1,445
				Med/Hi	1,750	1,720	1,682	1,661	1,625	1,494	1,397	1,327
				Med	1,515	1,491	1,462	1,421	1,397	1,330	1,258	1,185
				Med/Low	1,315	1,300	1,255	1,213	1,188	1,159	1,103	1,017
				Low	1,033	982	962	952	906	N/R	N/R	N/R
WGFDU090C16	3/4	12 x 10	45-75	Hi	1,976	1,924	1,866	1,806	1,745	1,667	1,582	1,494
				Med/Hi	1,707	1,666	1,620	1,584	1,536	1,476	1,399	1,301
				Med	1,481	1,455	1,423	1,395	1,347	1,302	1,240	1,182
				Med/Low	1,260	1,239	1,217	1,184	1,139	1,098	N/R	N/R
				Low	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
WGFDU090C20	.9	12 x 10	40-70	Hi	2,134	2,080	1,944	1,943	1,856	1,779	1,682	1,619
				Med/Hi	1,973	1,932	1,902	1,832	1,763	1,672	1,571	1,520
				Med	1,877	1,843	1,795	1,726	1,687	1,586	1,577	1,334
				Med/Low	1,732	1,742	1,715	1,653	1,582	1,520	1,410	1,339
				Low	1,633	1,586	1,555	1,504	1,462	1,385	1,308	1,250
WGFDU112D20	.9	12 x 10	40-70	Hi	2,184	2,121	2,046	1,980	1,890	1,743	1,685	1,623
				Med/Hi	2,035	1,961	1,897	1,845	1,783	1,706	1,611	1,548
				Med	1,871	1,841	1,802	1,738	1,657	1,614	1,535	1,419
				Med/Low	1,725	1,685	1,642	1,613	1,567	1,486	1,385	N/R
				Low	1,591	1,549	1,532	1,475	1,447	N/R	N/R	N/R

*.50 in. w.c. Max. Approved Ext. Diff. Static Pressure

N/R - Not recommended - Max. rise not achievable.

Accessories

Kit Number	Description	Used with
ALPKT574-2	Propane Conversion Kit	All WFGDU Models
AFILTHA7-2	Side Return Filter Kit for Single Return with 5 tons airflow (double 16 x 20 filter)	All WFGDU Models
AFILT529-1	Bottom Return Filter Kit	All WFGDU Models

Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: 01/11/16

Dimensions (in.)

Model	A	B	C	D	E
WGFDU045B12	17 1/2	16 1/2	10 1/4	2	14
WGFUD067B12	17 1/2	16 1/2	11 3/4	2	14
WGFDU067C16	21	20	13 1/2	3 5/8	17 1/2
WGFDU090C16	21	20	15	2	17 1/2
WGFDU090C20					
WGFDU112D20	24 1/2	23 1/2	18 1/4	2 5/8	21

Clearances* (in.)

Model	Top	Right Side	Left Side	Front	Back	Vent
WGFDU045B12	1	0	0	2	0	0
WGFUD067B12						
WGFDU067C16						
WGFDU090C16						
WGFDU090C20						
WGFDU112D20						

*Clearance to combustibles. Service access to the front of the appliance to remove the blower assembly is 18î.

All specifications are subject to change without notice.

®/TM Whirlpool and all other trademarks are owned by Whirlpool, U.S.A., used under license by Tradewinds Distributing Company, LLC.

Form #WGFDU-TG (6/04)
Printed in U.S.A.

©2004