

ARMSTRONG AIR OIL FURNACES

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OIL FURNACES

DIRECT DRIVE

83% AFUE — L83UF / L83BF/R / L83HF/R 2-2

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VARIABLE SPEED

83% AFUE — LUF / LBF/R / LHF/R / LHR 2-4

For Technical and Warranty Information see www.armstrongair.com

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DIRECT DRIVE — 83% AFUE — L83UF / L83BF/R / L83HF/R

Configurations

- Upflow / Highboy
- Horizontal / Counterflow
- Basement / Lowboy

Heat Exchanger

- Heavy duty 14 gauge steel with a long lasting ceramic fiber combustion chamber
- Easy access large diameter stainless steel clean out ports

Blower

- Direct drive with slide-out design (upflow only) and quick plug-in wiring
- 4 speed PSC direct drive motor with dynamically balanced blower wheel and resilient motor mounts for smooth and quiet operation

GeniSys™ Advanced Burner Control

- Programmable valve-on delay and motor-off delay
- Three indicator lights for system monitoring and diagnostics
- Two communication ports for adding alarm contacts, programming display, and/or future wireless communications
- Welded relay protection with redundant motor relays
- Limited reset and limited recycle
- Sleek, modern design
- Technician Pump Prime mode

Burner

- High quality Beckett™ Flame Retention AFG Burner for efficient combustion
- High efficiency PSC Burner motor to provide consistent operation through all operating conditions
- Solid state ignition provides a consistent 10,000 volts for smooth ignition
- Color coded wiring for easy service
- 40VA Transformer and cooling fan relay are factory wired for easy add-on cooling installation



L83HF/R = Horizontal / Counterflow



Venting

- Includes field installed barometric damper
- Optional sidewall vent kit available

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DIRECT DRIVE — 83% AFUE — L83UF / L83BF/R / L83HF/R (cont'd)

Model Number Guide

	L	83	UF	1	D	84/95	E	20	- 1	
L - Oil Furnace										Revision code
AFUE										08=2T
83 = 83% Efficiency										12=3T
UF = Upflow - front flue										CFM x 100
BF = Basement - front flue										14=3.5T
BR = Basement - rear flue										16=4T
HF = Horizontal - front flue										20=5T
HR = Horizontal - rear flue										E = 19.5"
1 = 1 Stage										(19.5 Horiz. only)
V = Variable Speed										F = 22.5"
D = Direct Drive										(20.5 Horiz. only)
										Nominal Output
										57 - 57,000
										72 - 72,000
										84 - 84,000
										95 - 95,000
										112 - 112,000
										125 - 125,000

ITEM #	MODEL	WEIGHT (LBS)
Upflow – Front Flue		
892149	L83UF1D57/72E12	230
892150	L83UF1D84/95E16	250
892151	L83UF1D112/125F20	270
Basement – Front Flue		
892155	L83BF1D57/72E12	220
892156	L83BF1D84/95E16	225
892157	L83BF1D112/125F20	270
Basement – Rear Flue		
892162	L83BR1D57/72E12	225
892163	L83BR1D84/95E16	230
892164	L83BR1D112/125F20	270
Horizontal – Front Flue		
892168	L83HF1D84/95E12	250
892169	L83HF1D112/125F20	270

NOTE: For Technical Data see www.armstrongair.com.

ACCESSORIES

ITEM #	MODEL	DESCRIPTION
892096	AFILT535-2	Filter Kit – LHF84/95
892097	AFILT536-2	Filter Kit – LHF112/125

– E.&O.E. – All Prices F.O.B. Our Warehouse – Subject to Change Without Notice – All Taxes Extra – May not be Available at All Branches –

