



DOLA

Ducane®

THE DIFFERENCE IS QUALITY®

www.ducanehvac.com

Oil Furnace Lowboy

FEATURES

HEAT EXCHANGER

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

CABINET

- ◆ Foil-faced high density fiberglass insulation reduces heat loss and noise
- ◆ Pre-painted for maximum durability
- ◆ Internal filter included

BLOWER

- ◆ Slide-out design with quick plug-in wiring
- ◆ Dynamically balanced blower with resilient motor mounts for smooth and quiet operation

BURNER

- ◆ High quality Beckett Flame Retention burner for efficient combustion
- ◆ High efficiency air flow system to provide consistent operation through all operating conditions

CONTROLS

- ◆ Readily available trade components
- ◆ Honeywell fan timer control
- ◆ 40 VA transformer
- ◆ Color coded wiring for easy service
- ◆ Prewired for air conditioning
- ◆ Heating blower on delay
- ◆ Four heating blower off settings
- ◆ Electronic air cleaner connection (115V)
- ◆ Humidifier connection (115V)
- ◆ 5 Amp fuse for protection
- ◆ Single wire twinning

VENTING

- ◆ Includes standard barometric damper
- ◆ Optional sidewall vent kit

INSTALLATION

- ◆ Factory wired

ACCESSORIES

- ◆ Cleanout brush kit

WARRANTY

- ◆ Limited life-time on heat exchanger
- ◆ Five year limited on parts



Model Number Guide

	D	O	L	A	57/72	F	3	A	
D - Product Family									Revision Code
O - Oil Unit									Ton Cooling Capacity
L - Lowboy (Basement)									F - Front Flue R - Rear Flue
Series									Nom. Output x 1000

Physical & Electrical Data

Model	Nozzle Size	Input (Btuh)	Output (Btuh)	AFUE	Nom. Cooling Cap.	Flue Dia. (in.)	Filter Size (in.)	Volts/Hz/Phase	Max. Time Delay Breaker or Fuse (amp)	Trans. (V.A.)	Shipping Weight (lb.)
DOLA57/72F3A ¹	.50GPH-80°A	70,000	58,000	83	2.0-3.0	6	18X19	120/60/1	15	40	250
	.65GPH-80°B	90,000	74,000								
DOLA84/95F4A ¹	.65GPH-80°B	105,000	85,000	81	2.5-4.0	6	18X19	120/60/1	15	40	250
	.75GPH-80°B	119,000	97,000								
DOLA112/125F5A ¹	.85GPH-80°B	140,000	113,000	81	3.0-5.0	6	19 x 21	120/60/1	15	40	285
	1.00GPH-80°B	154,000	125,000								
DOLA57/72R3A ¹	.50GPH-80°A	70,000	58,000	83	2.0-3.0	6	18X19	120/60/1	15	40	250
	.65GPH-80°B	90,000	74,000								
DOLA84/95R4A ¹	.65GPH-80°B	105,000	85,000	81	2.5-4.0	6	18X19	120/60/1	15	40	250
	.75GPH-80°B	119,000	97,000								
DOLA112/125R5A ¹	.85GPH-80°B	140,000	113,000	81	3.0-5.0	6	19 x 21	120/60/1	15	40	290
	1.00GPH-80°B	154,000	125,000								
DOLA140/168R5A ¹	1.10GPH-80°B	175,000	140,000	80	3.5-5.0	6	20 1/8 x 22 7/16	120/60/1	15	40	295
	1.25GPH-80°B	210,000	168,000								

Note: Units shipped with internal filter.

Note: All models are rated at 140 psi pump pressure except the DOLA57/72 which is rated at 100 psi

¹Shipped in low fire configuration.

Blower Performance Data

Model	Motor Size (hp)	Blower Size	Temp. Rise °F	Blower Speed	CFM @ ext. static pressure - in. W.C.				
					.20	.30	.40	.50	.60
DOLA57/72F3A	1/3	10 X 8	60	High	1,400	1,350	1,307	1,250	1,187
				Med. High	1,136	1,130	1,103	1,075	1,027
				Med	930	917	903	867	843
				Low	783	773	753	732	706
DOLA84/95F4A	1/2	10 X 9	50 - 80	High	1,760	1,670	1,599	1,550	1,410
				Med. High	1,603	1,516	1,459	1,394	1,307
				Med	1,373	1,345	1,300	1,259	1,188
				Low	1,162	1,150	1,130	1,105	1,033
DOLA112/125F5A	3/4	12 x 11	60	High	2,160	2,080	2,010	1,969	1,850
				Med. High	1,850	1,810	1,744	1,670	1,580
				Med	1,650	1,600	1,580	1,490	1,430
				Low	1,480	1,470	1,445	1,380	1,330
DOLA57/72R3A	1/3	10 X 8	60	High	1,475	1,320	1,295	1,225	1,165
				Med. High	1,110	1,100	1,083	1,060	1,000
				Med	915	890	870	845	825
				Low	760	752	730	710	680
DOLA84/95R4A	1/2	10 X 9	50 - 80	High	1,760	1,670	1,599	1,550	1,410
				Med. High	1,603	1,516	1,459	1,394	1,307
				Med	1,373	1,345	1,300	1,259	1,188
				Low	1,162	1,150	1,130	1,105	1,033
DOLA112/125R5A	3/4	12 x 10	60	High	2,221	2,124	2,029	1,980	1,835
				Med. High	1,815	1,755	1,704	1,625	1,549
				Med	1,564	1,525	1,501	1,435	1,369
				Low	1,360	1,355	1,310	1,260	1,205
DOLA140/168R5A	3/4	12 x 10	60	High	2,245	2,138	2,034	1,985	1,833
				Med. High	1,835	1,780	1,729	1,670	1,609
				Med	1,620	1,590	1,540	1,490	1,435
				Low	1,460	1,435	1,400	1,320	1,280

Accessories

Description	Used with	Part Number
Twinning Kit	All models	20276602
Clean Out Kit	All models	20327201
Tjerlund Side Wall Vent Kit ¹	All models	20327701
Field Controls Side Wall Vent Kit ²	All models	20327702

¹ This can be ordered from Tjerlund, part number SSIC.

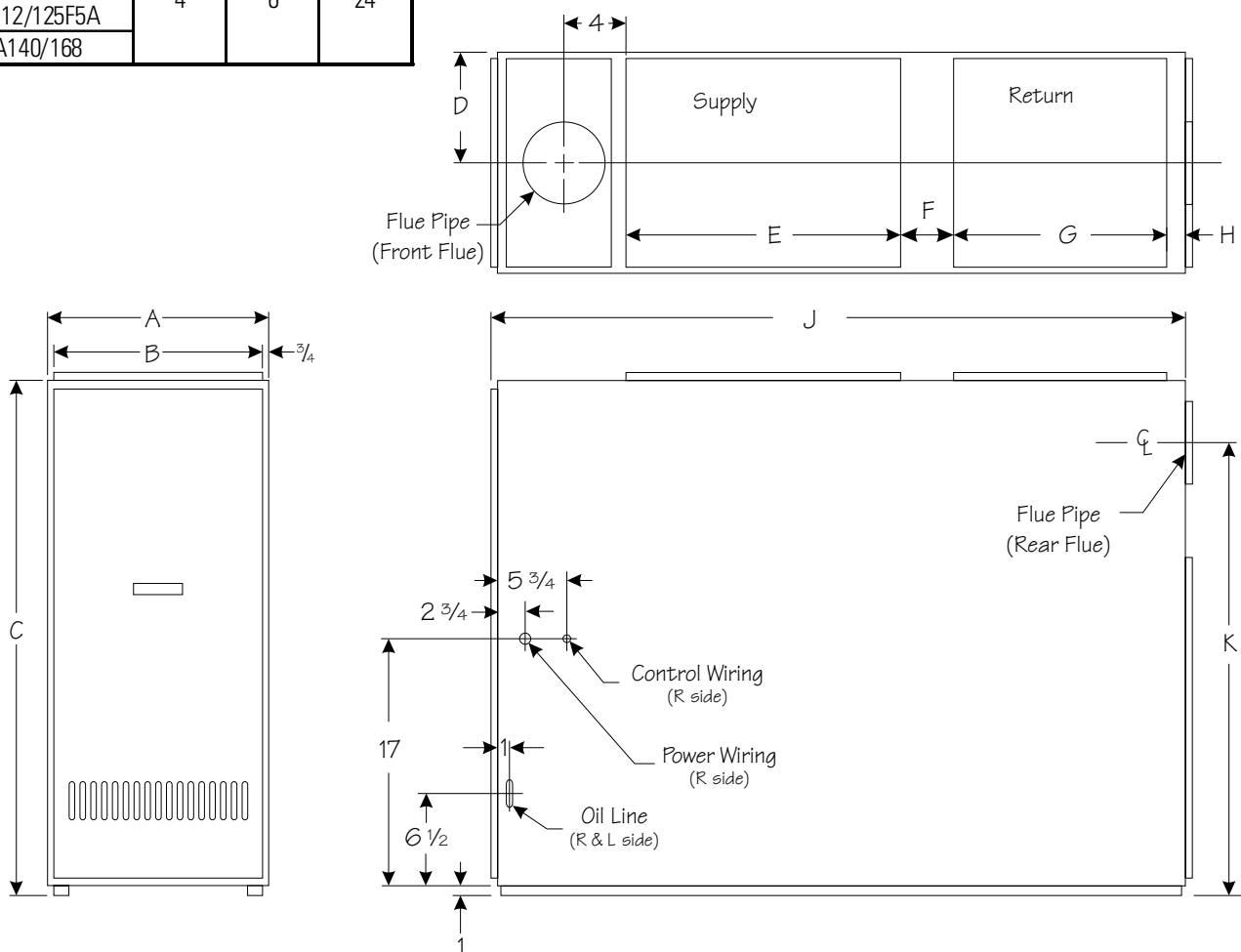
² This can be ordered from Field Controls, part number SWG-5-CK61.

Dimensions (in.)

Model	A	B	C	D	E	F	G	H	J	K
DOLA57/72	19 1/2	18	37	9 3/4	21	3 1/4	16	1 1/2	52 1/8	27
DOLA84/95										
DOLA112/125	22 1/2	21	37	11 1/4	21	3 1/4	16	1 1/2	52 1/8	29
DOLA140/168	24	22 1/2	39	12	23 1/8	2 1/4	18	1	54 3/4	29

Clearances (for combustible material)

Model Number	Front	Sides	Rear
DOLA57/72F3A	4	6	24
DOLA84/95F4A			
DOLA112/125F5A			
DOLA140/168			



Due to our policy of continuous improvement, all specifications are subject to change without notice.
For more information, contact your local Ducane distributor.

Ducane

THE DIFFERENCE IS QUALITY®

www.ducanehvac.com

AMERICAN
Ducane
MADE

Part #20591101 Replaces #20159352
Form #DOLA-100 (05/02)
Printed in U.S.A.

©2002

