



ROBF

Parts List
14-April-2011



*This parts list is current as of the above revision date.
See <http://www.rheempartslists.net/92-42800-ROBF.pdf> for the current revision.*

Oil Furnaces

Table of Contents

Model Explanation	Page 3
Panels - Miscellaneous.....	Page 4
Electrical Group.....	Page 4
Blower Group	Page 4
Heat Exchanger.....	Page 5
Oil Burner.....	Page 5
Nozzle Conversion Chart.....	Page 6
Drawings/Photographs	
Exploded View	Page 7
Oil Burner Section.....	Page 8
Heat Exchanger Assembly	Page 9
Blower Assembly.....	Page 10
Notes/Disclaimer	Page 11

MODEL NUMBER EXPLANATION

R	O	B	F	-	0	6	7	Q	B	E	A
1	2	3	4			5		6	7	8	9

1	MODEL DESIGNATION	6	BLOWER DESIGNATION L = 10 X 7DD Q = 10 X 10DD R = 11 X 10DD
2	O = OIL FURNACE		
3	B = UPFLOW		
4	DESIGN SERIES	7	VARIATION B = FIRST Variation
5	HEATING CAPACITY 067 = 56,000 - 67,000 BTU/HR 112 = 95,000 - 112,000 BTU/HR 150 = 134,000 -150,000 BTU/HR	8	AIRFLOW E = 1100-1330 CFM G = 1450-1750 CFM J = 1800-2075 CFM
		9	FUEL PUMP A = Single Stage (U.S.) C = Single Stage (Canada)

SERIAL NUMBER EXPLANATION

D	R	1	7	4	M	4	4	9	8	9	9	9	9	9
1	2	3	4	5	6	7		8					9	

1	SINGLE STAGE OIL BURNER	5	MOTOR HORSEPOWER
2	PRIMARY CONTROL	6	PLANT M = Milledgeville
3	FAN LIMIT CONTROL	7	WEEK
4	HEATING ELEMENT	8	YEAR
		9	PRODUCTION NUMBER

No.	Notes	MODEL HEATING CAPACITY	ROBF 067	ROBF 112	ROBF 150
PANELS, MISCELLANEOUS PARTS					
1		Jacket Assembly	AS-46489-10	AS-46489-11	AS-46489-12
2		Front Door	AS-63674-01	AS-63675-01	AS-63662-01
3		Blower Door	AS-63657-01	AS-63658-01	AS-63659-01
4		Door Switch	42-21268-04	42-21268-04	42-21268-04
5		Door Switch Bracket	AE-58870-01	AE-58870-01	AE-58870-01
		Solid Bottom	AE-61874-07	AE-61874-06	AE-61874-05
		Junction Box	AE-30547-04	AE-30547-04	AE-30547-04
		Plastic Clip 3/8 In.	64-19196-01	64-19196-01	64-19196-01
		Tinnerman Clip	64-20422-01	64-20422-01	64-20422-01
		Draft Control	58-17352-01	58-17352-01	58-17352-01
		Air Deflector	AE-46520-01	AE-46520-03	AE-46520-02
		Filter Permanent	54-19655-06	54-19655-06	54-19655-06
		Filter Frame	AE-64277-00	AE-64277-00	AE-64277-00

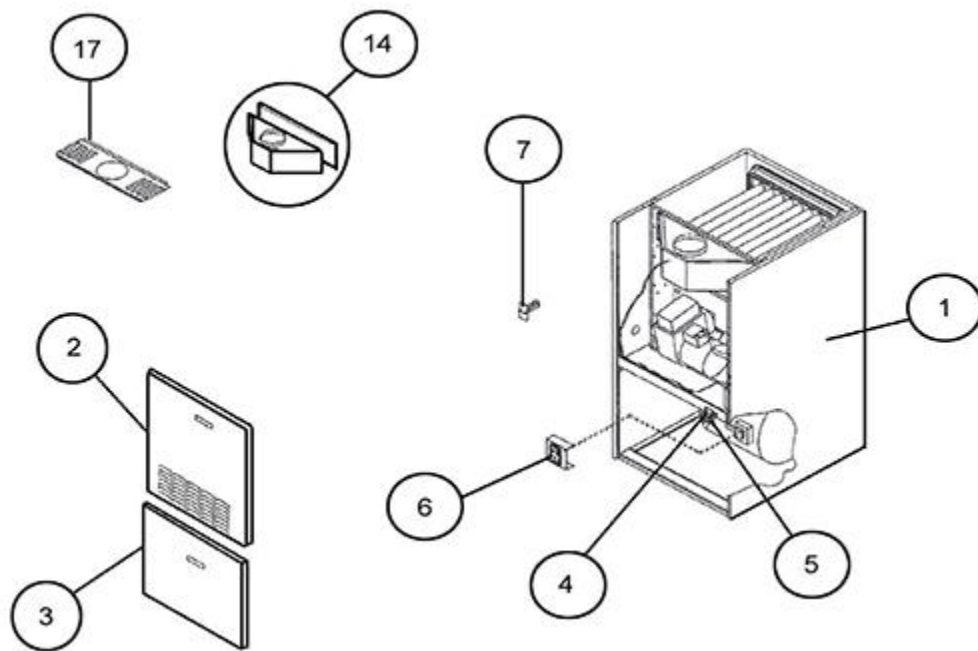
No.	Notes	MODEL HEATING CAPACITY	ROBF 067	ROBF 112	ROBF 150
ELECTRIC GROUP					
6	Stk	Limit Control - Before M1407	47-21711-19	47-21711-19	47-21711-19
6	Stk, 1	Limit Control - After M1407	47-102473-01	47-102473-02	47-102473-03
7	Stk	Limit Switch Assembly (Flue Mount - Canadian)	47-102193-01	47-102193-01	47-102193-01
	Stk	Fan Timer Control	47-22896-01	47-22896-01	47-22896-01
	Stk	Blower Control Relay	42-21571-01	42-21571-01	42-21571-01
	Stk	Safety Relay	42-21571-01	42-21571-01	42-21571-01
		A/C Ready Kit - (Includes Terminal Base and Transformer)	See Oil Burner Group		
		Terminal Base Kit	See Oil Burner Group		
		Transformer Kit	See Oil Burner Group		

No.	Notes	MODEL HEATING CAPACITY	ROBF 067	ROBF 112	ROBF 150
BLOWER GROUP					
A	Stk	Blower Assembly	AS-61254-23	AS-61254-21	AS-61254-24
18		Blower Housing	AS-61253-01	AS-61213-01	AS-61369-01
19		Motor Bracket Assembly - Triangle	AS-53148-03	AS-53148-02	AS-53148-01
20		Cut Off	AE-64401-07	AE-64401-05	AE-64401-18
21	Stk	Blower Motor	51-26158-01	51-18828-01	51-21459-02
22	Stk	Blower Wheel	70-20218-02	70-20218-03	70-20602-01
23	Stk	Capacitor - Blower Motor	43-100496-10	43-100496-10	43-100496-38

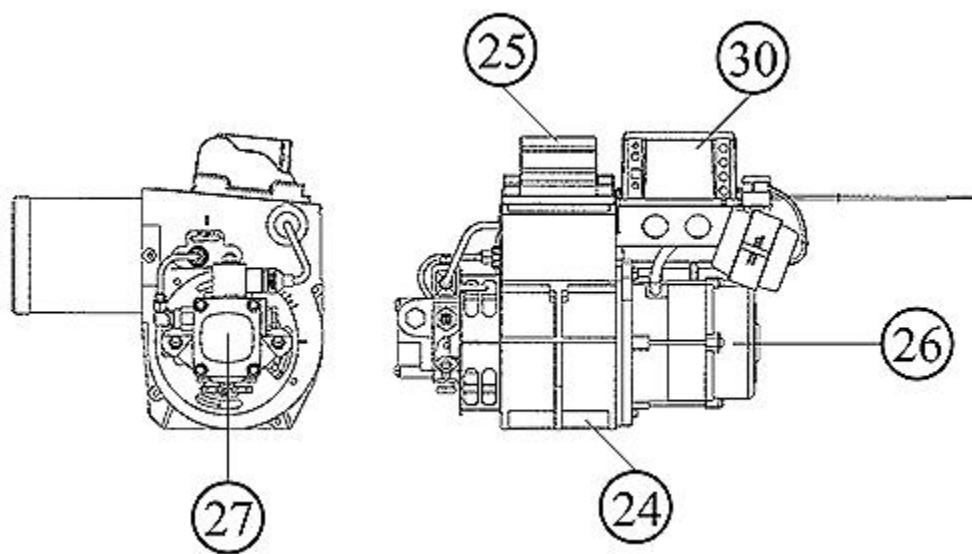
No.	Notes	MODEL HEATING CAPACITY	ROBF 067	ROBF 112	ROBF 150
HEAT EXCHANGER GROUP					
8	Stk	Secondary Heat Exchanger	AS-46522-05	AS-46522-04	AS-46522-03
9	Stk	Heat Exchanger	AS-46557-01	AS-46557-04	AS-46557-05
10	Stk	Center Panel Assembly	AS-46530-06	AS-46530-07	AS-46530-08
11		Gasket - Drum Face	68-22950-01	68-22950-02	68-22950-03
12	Stk	Combustion Chamber Assembly	AS-46531-06	AS-46531-07	AS-46531-08
13		Gasket - Burner Mounting	68-19083-01	68-19083-01	68-19083-01
14		Collector Box Assembly w/Gasket - U.S. Models	AS-46501-04	AS-46501-05	AS-46501-03
		Collector Box Assembly w/Gasket - Canadian (w/Clean-Out Door)	AS-46546-04	AS-46546-05	AS-46546-03
15		Center Panel Gasket TAPE	68-21812-04	68-21812-04	68-21812-04
16		Burner Heat Shield	AE-46534-01	AE-46534-02	AE-46534-03
17		Top Plate	AE-46496-04	AE-46496-05	AE-46496-03
		Chamber Mounting Rings	64-23551-01	64-23551-02	64-23551-03
		Heat Exchanger Support Leg	AE-63629-03	AE-63629-01	AE-63629-04
		Mica Sight Glass	68-40772-04	68-40772-04	68-40772-04

No.	Notes	MODEL HEATING CAPACITY	ROBF 067	ROBF 112	ROBF 150
OIL BURNER GROUP					
24	Stk	Complete Oil Burner	59-102187-01	59-102187-02	59-102187-03
25	Stk	Ignitor	62-25061-02	62-25061-02	62-25061-02
26	Stk	Motor	51-25061-01	51-25061-01	51-25061-01
27	Stk	Pump - Single Stage	595150	595150	595150
		Pump - Optional 2 Stage	595151	595151	595151
30	Stk	Primary Control	425040	425040	425040
	Stk	Cad Cell	595155	595155	595155
	Stk	Nozzle (See Oil Conversion Chart for size)	59-22709-13	59-22709-05	59-22709-07
		Gasket	68-19083-01	68-19083-01	68-19083-01
		End Cone	59-21810-16	59-19206-26	59-21810-17
	Stk	A/C Ready Kit - (Includes Terminal Base and Transformer)	PD595153	PD595153	PD595153
	Stk	Terminal Base Kit	595152	595152	595152
	Stk	Transformer Kit	461000	461000	461000

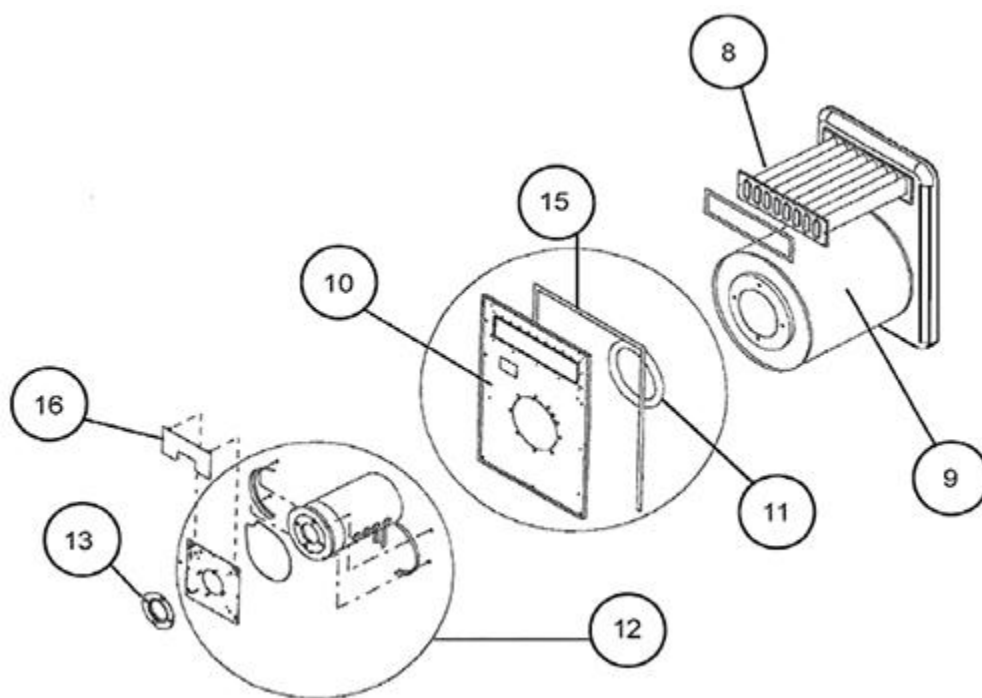
OIL CONVERSION CHART					
Oil Unit Model	Flow	Size/BTU per HR	Nozzle P/N	Type	GPH
ROBF-056	Upflow	56,000	59-22709-12	Del-O-Flow 70 deg	.50
ROBF-056	Upflow	56,000	59-22709-08	Delevan 70 deg.	.50
ROBF-067	Upflow	67,000	59-22709-13	Del-O-Flow 70 deg	.60
ROBF-067	Upflow	67,000	59-22709-09	Delevan 70 deg.	.60
ROBF-084	Upflow	84,000	59-22709-03	Delevan 70 deg.	.75
ROBF-084	Upflow	84,000	59-22709-10	Del-O-Flow 70 deg	.75
ROBF-095	Upflow	95,000	59-22709-04	Delevan 70 deg.	.85
ROBF-095	Upflow	95,000	59-22709-11	Del-O-Flow 70 deg	.85
ROBF-112	Upflow	112,000	59-22709-05	Delevan 70 deg.	1.00
ROBF-130	Upflow	130,000	59-22709-06	Delevan 70 deg.	1.20
ROBF-150	Upflow	150,000	59-22709-07	Delevan 70 deg.	1.35
ROPF-084	Down/Horizontal	84,000	59-22709-03	Delevan 70 deg.	.75
ROPF-084	Down/Horizontal	84,000	59-22709-10	Del-O-Flow 70 deg	.75
ROPF-095	Down/Horizontal	95,000	59-22709-04	Delevan 70 deg.	.85
ROPF-095	Down/Horizontal	95,000	59-22709-11	Del-O-Flow 70 deg	.85
ROPF-112	Down/Horizontal	112,000	59-22709-05	Delevan 70 deg.	1.00
ROPF-130	Down/Horizontal	130,000	59-22709-06	Delevan 70 deg.	1.20



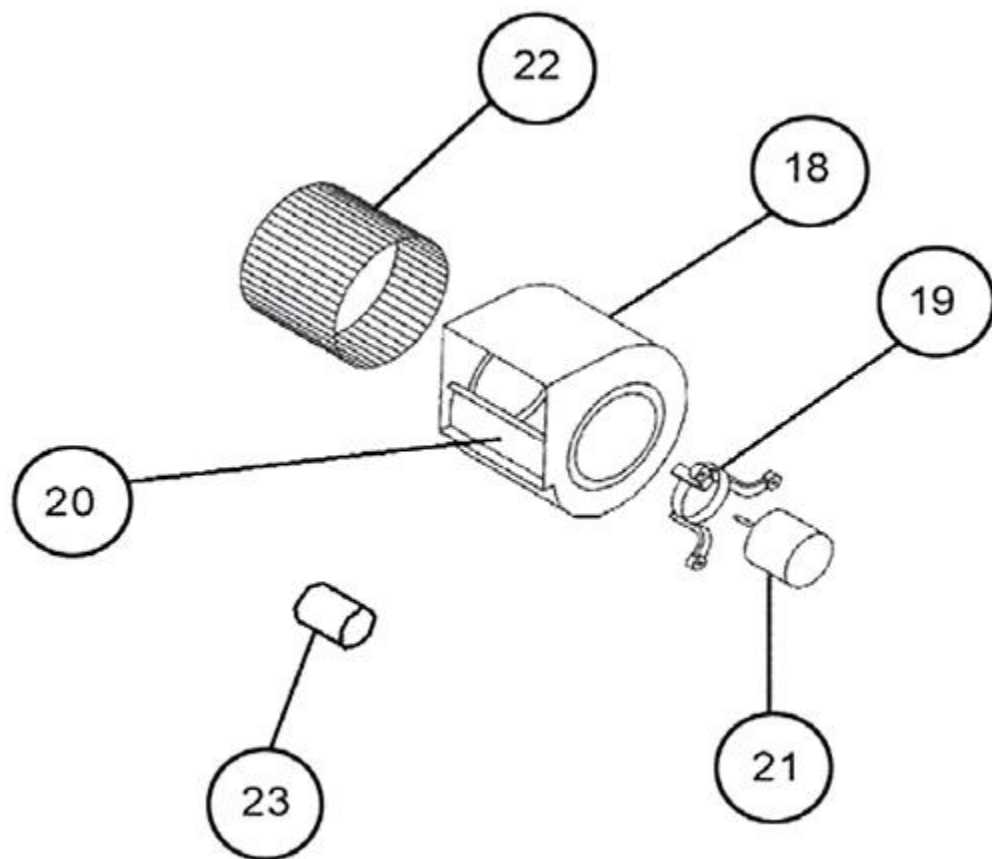
Exploded View



Oil Burner Section



Heat Exchanger Assembly



Blower Assembly

NOTES

Stk It is recommended that stock be maintained for this part.

N/A Not Applicable

- 1 New Limit Control has new settings to to avoid nuisance tripping in the field.

DISCLAIMER: This document is intended to provide general replacement parts information to aid qualified service personnel in the repair of these models. The complete Model and Serial Number of the unit under repair should be specified when selecting and ordering replacement parts. Specifications and illustrations are subject to change without notice. Document 92-42800-ROBF supersedes all previous parts lists for these models. See <http://www.rheempartslists.net/92-42800-ROBF> for the latest revision of this document. The manufacturer assumes no obligation for errors or omissions. Service personnel must verify the proper and safe operation of equipment after the replacement of any original components.