



SERIES 4FH- 50

Power Flame Burner Information

5.0 rating

Boiler Size	Burner Model		Motor			Firing Sequence ^[1]			Standard UL Flame Safeguard			Gas Train		
	Gas and Gas/#2 Oil	#2 Oil	Gas	Gas/#2 Oil	Voltage	Gas	#2 Oil	Gas	#2 Oil	Gas/#2 Oil	Size	Min. Pres.	Max. Pres.	
4FH-63	C1-G(O)-10	C1-O	1/3	1/3	120/60/1	On-Off	On-Off	RM7897A/UV	R7284P/CC	RM7897C/UV	1	4.9" w.c.	14.0" w.c.	
4FH-78	C1-G(O)-10	C1-O	1/3	1/3	120/60/1	On-Off	On-Off	RM7897A/UV	R7284P/CC	RM7897C/UV	1	5.3" w.c.	14.0" w.c.	
4FH-92	C1-G(O)-10	C1-O	1/3	1/2	120/60/1	On-Off	On-Off	RM7897A/UV	R7284P/CC	RM7897C/UV	1	5.7" w.c.	14.0" w.c.	
4FH-107	C1-G(O)-12	C1-O	1/3	1/2	120/60/1	On-Off	On-Off	RM7897A/UV	R7284P/CC	RM7897C/UV	1	5.1" w.c.	14.0" w.c.	
4FH-127	CR2-G(O)-15	CR2-OA	1/2	3/4	240/60/1 ^[2]	L-H-O	L-H-O	RM7897A/UV	R7284P/CC	RM7897C/UV	1 1/4	4.4" w.c.	14.0" w.c.	
4FH-154	CR2-G(O)-15	CR2-OA	1/2	3/4	240/60/1 ^[2]	L-H-O	L-H-O	RM7897A/UV	R7284P/CC	RM7897C/UV	1 1/4	6.1" w.c.	14.0" w.c.	
4FH-180	CR2-G(O)-15	CR2-OA	1/2	3/4	240/60/1 ^[2]	L-H-O	L-H-O	RM7897A/UV	R7284P/CC	RM7897C/UV	1 1/4	7.2" w.c.	14.0" w.c.	
4FH-209	CR2-G(O)-20B	CR2-OB	1	1 1/2	240/60/1	L-H-O	L-H-O	RM7897A/UV	R7284P/CC	RM7897C/UV	1 1/4	8.0" w.c.	14.0" w.c.	
4FH-240	CR2-G(O)-20B	CR2-OB	1	1 1/2	240/60/1	L-H-O	L-H-O	RM7897A/UV	R7284P/CC	RM7897C/UV	2	5.1" w.c.	14.0" w.c.	
4FH-277	CR2-G(O)-20B	CR2-OB	1	1 1/2	240/60/1	L-H-O	L-H-O	RM7897A/UV	R7284P/CC	RM7897C/UV	2	5.8" w.c.	14.0" w.c.	
4FH-311	CR3-G(O)-20	CR3-O	1 1/2	2	3-phase ^[3]	L-H-O	L-H-O	RM7897C/UV	RM7897C/UV	RM7897C/UV	2	4.8" w.c.	14.0" w.c.	
4FH-345	CR3-G(O)-20	CR3-O	1 1/2	2	3-phase ^[3]	L-H-O	L-H-O	RM7897C/UV	RM7897C/UV	RM7897C/UV	2	5.7" w.c.	14.0" w.c.	
4FH-360	CR3-G(O)-20	CR3-O	1 1/2	2	3-phase ^[3]	L-H-O	L-H-O	RM7897C/UV	RM7897C/UV	RM7897C/UV	2	5.4" w.c.	14.0" w.c.	
4FH-450	CR3-G(O)-25B	CR3-OB	3	3	3-phase ^[3]	L-H-O	L-H-O	RM7897C/UV	RM7897C/UV	RM7897C/UV	2 / 2 1/2 ^[4]	8.2" w.c.	14.0" w.c.	
4FH-563	CR4-G(O)-30	CR4-OB	5	5	3-phase ^[3]	L-H-O	L-H-O	RM7897C/UV	RM7840L/UV	RM7840L/UV	2 1/2	7.2" w.c.	14.0" w.c.	
4FH-675	CR5-G(O)-30	CR5-O	7 1/2	7 1/2	3-phase ^[3]	Full Mod	Full Mod	RM7840L/UV	RM7840L/UV	RM7840L/UV	2 1/2	9.6" w.c.	14.0" w.c.	
4FH-827	C5-G(O)-30	C5-O	7 1/2	7 1/2	3-phase ^[3]	Full Mod	Full Mod	RM7840L/UV	RM7840L/UV	RM7840L/UV	2 1/2	10.4" w.c.	14.0" w.c.	
4FH-993	C5-G(O)-30	C5-O	7 1/2	7 1/2	3-phase ^[3]	Full Mod	Full Mod	RM7840L/UV	RM7840L/UV	RM7840L/UV	3	12.6" w.c.	28.0" w.c.	
4FH-1157	C6-G(O)-30	C6-O	10	10	3-phase ^[3]	Full Mod	Full Mod	RM7840L/UV	RM7840L/UV	RM7840L/UV	3	16.1" w.c.	28.0" w.c.	
4FH-1323	C6-G(O)-30	C6-O	10	10	3-phase ^[3]	Full Mod	Full Mod	RM7840L/UV	RM7840L/UV	RM7840L/UV	3	19.1" w.c.	28.0" w.c.	

[1] Explanation of Firing Sequences:

Gas and Gas Sequence on Combination Gas/Oil Boilers

- On-Off On-Off, fixed fire with slow opening gas valve, fixed air.
- L-H-L Low fire start (not proven), high fire run, Lo-Hi-Off gas valve, two stage air control.
- Full Mod Full modulation with proven low fire start.

Oil and Oil Sequence on Combination Gas/Oil Boilers

- On-Off LFS Fixed air low fire start.
- L-H-O Low fire start (not proven), high fire run, oil cylinder air control .
- Full Mod Full modulation with proven low fire start.

[2] Voltage on gas burner model is 120/60/1.

[3] On 3-phase voltage, must specify 208, 230, or 460/60/3 on order.

[4] Model 4F-450 - Dual size gas trains: Leak test cock, main gas valve and auxiliary gas valve are indicated by the first number; gas regulator and main shutoff cock are indicated by the second number.