

Linkage and Pressure Settings Gas and Light Oil

Sheet 6131-8

4131-__0 Gas Burners

5131-__2 Light Oil Burners (#1, #2, and #3 Distillates)

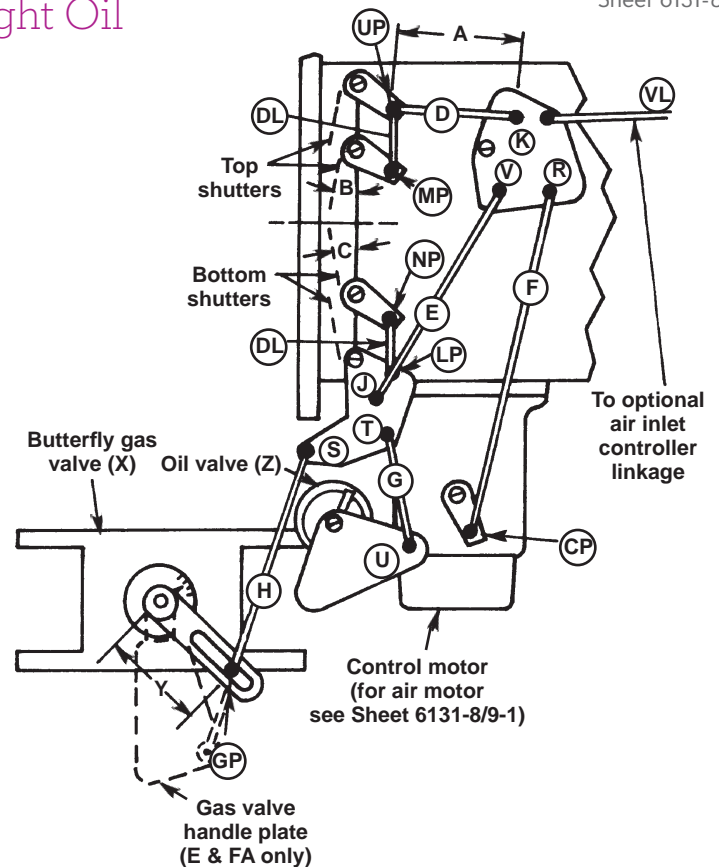
6131-__2 Gas/Light Oil Burners (#1, #2, and #3 Distillates)

ADJUSTMENT SEQUENCE

1. Disconnect wing nut at gas butterfly valve.
2. Swing burner open.
3. Adjust rod (D) to dimension A.
4. Adjust rod (F) so that tip of top shutter is B from vertical.
5. Adjust rod (E) so that tip of bottom shutter is C from vertical.
6. Adjust rod (G) so that oil valve indicator is at position Z at low fire.
7. Adjust rod (VL) to dimensions N and P (optional). See Sheet 6131-8/9-1.
8. Swing burner closed.
9. Connect wing nut at gas butterfly valve.
10. Adjust rod (H) so that gas butterfly valve indicator is at position X at low fire.

Sketch shows linkage in low fire position.

Instructions apply only to burners with Honeywell M9484 or M7284 control motors. For other motors, consult North American. (Reference same as former Honeywell M941, M944, and M744 motors.)



Shutter and Linkage Settings

Burner designation (w/capacity setting in millions But/hr)	Dimensions shutter and linkage settings				Hole number settings								Valve indicator positions			
	A	Y	B	C	J	K	LP	R	S	T	U	V	Gas low X	Oil high W	Oil low Z	
_131-A	2.5	3 ⁹ / ₁₆ "	3"	0	1/8"	5	8	-	2	7	5	3	6	2	5.50	2.50
	2.9	3 ⁹ / ₁₆ "	3"	0	1/8"	5	8	-	2	7	5	3	6	2	5.75	2.50
	3.4	3 ³ / ₄ "	5"	18°	18°	5	8	-	1	7	5	4	6	2	6.00	4.00
	4.2	3 ³ / ₄ "	5"	18°	18°	5	8	-	1	7	5	4	6	2	7.50	4.00
_131-B	5.2	3 ³ / ₈ "	5"	20°	20°	5	8	-	3	11	15	5	6	2	6.75	4.25
	6.3	3 ³ / ₈ "	5"	20°	20°	5	8	-	3	11	15	5	6	2	7.00	4.25
_131-C	8.4	4 ³ / ₁₆ "	2 ¹ / ₂ "	15°	15°	3	7	-	4	10	13	4	5	1	7.00	4.00
	10.5	4 ³ / ₁₆ "	3 ¹ / ₄ "	15°	15°	3	7	-	3	10	13	4	5	1	7.00	4.00
	12.6	4 ³ / ₁₆ "	3 ¹ / ₄ "	15°	15°	3	7	-	2	10	13	4	5	1	7.00	4.00
_131-CS	8.4	3 ¹⁵ / ₁₆ "	4"	0	0	3	7	-	2	14	1	5	5	1	7.25	4.00
_131-D	14.7	3 ¹ / ₂ "	4 ¹ / ₄ "	1/4"	0	5	8	-	4	9	4	4	6	2	7.25	4.25
	16.8	3 ¹ / ₂ "	4 ¹ / ₄ "	1/4"	0	5	8	-	3	9	4	4	6	2	7.25	4.25
	18.0	3 ¹ / ₂ "	4 ¹ / ₄ "	1/4"	0	5	8	-	2	9	4	4	6	2	7.50	4.25
_131-E	21.0	3 ⁷ / ₁₆ "	#2	The four (4) shutters of these units are vertical.		7	5	8	4	9	6	3	1	1.5	7.00	4.00
	25.2	3 ⁷ / ₁₆ "	#2			7	5	8	3	9	10	3	1	1.5	7.25	4.00
_131-FA, FC	29.4	3 ¹ / ₂ "	#2			7	5	8	3	9	10	4	1	1.5	7.25	4.875