EPA Certification Test Report

The following models are EPA certified under the following attached test report: **R-6**

	Model #
Wood Stoves	F3100
Wood Inserts	I3100
Wood Fireplaces	n/a
Pellet Stoves	n/a
Pellet Inserts	n/a

Full US Environmental Protection Agency ("EPA") certification test reports have been reported to the EPA. Test reports may contain sensitive, confidential business information which has been specifically excluded and/or redacted from this publicly posted test report.

EEMC
ENERGY AND ENVIRONMENTAL
MEASUREMENT
CORPORATION

Phone (602) 290-8965 ■ FAX (602) 722-1748
3925 Placita de la Escarpa ■ Tucson, AZ 85715

Date March 11, 1993

Mr. Al Fairweather

Regency Industries, Ltd

7830 Vantage Way

Delta, B.C. Canada V4G1A7

Enclosed please find one copy of the EPA Certification Test Report for the following stove:

Regency R-6 Deep Box

[redacted]

Sincerely,

Nicol R. Green

Nicol Green
Woodstove Report Coordinator

EEMC/BILLINGS
1744 Mullowney Lane
Billings, Montana 59101
Phone (406) 252-4450
FAX (406) 252-4450

EEMC/KENT
1315 S. Central Avenue, Unit C
Kent, Washington 98032
Phone (206) 859-8318
FAX (206) 859-8386

* * * * * * *

CONFIDENTIAL

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The data and information in this test report is confidential, proprietary information and is not to be released to and/or discussed with any party who is not authorized by the manufacturer or the testing laboratory to receive such data.

* * * * * * *

CONFIDENTIAL

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Report Certification

The sampling and analysis for the wood heater described in this report was carried out under my direction and supervision. I have also reviewed all of the testing data and results found in this report and hereby certify that the test report is authentic and accurate.

Date: 1/25/93

Bill Nowak

Bill Nowak
President, EESPC

Wood Heater Emission Test Summary

Laboratory/Wood Heater Information

Stove Manufacturer: Regency Industries, Ltd.
Model Identification: R-6
Stove Type> 1=cat, 2=noncat, 3=pellet: 2

Laboratory Name: EEMC
Laboratory Contact: BILL NOWAK
Telephone no.: 206-859-8318

[redacted]

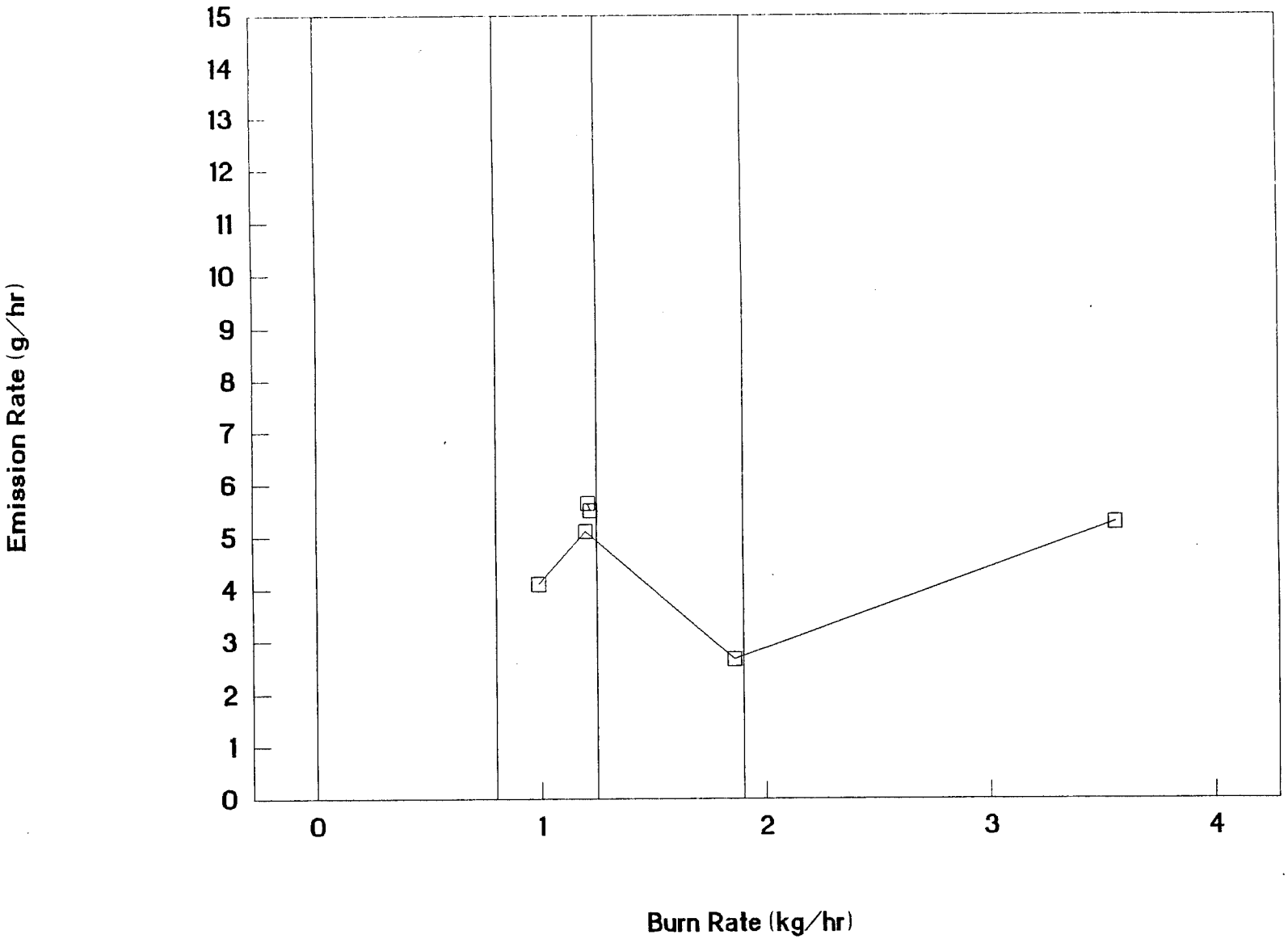
Test Methods Used
Method 28/Other: 28
Sampling Method: 5H

Run no.	Burn Rate (kg/hr)	Emission Rate (g/hr)	Heat Output (Btu/hr)	Wtd Avg (g/hr) 4.11
1	0.99	4.11	11938	
4	1.20	5.11	14470	
3	1.86	2.66	22428	
2	3.56	5.27	42927	

[redacted]

Regency Industries, Ltd.

R-6



Unit Regency C[illegible]
Date 10/26/92
Technicians BN [illegible]
Page ______ of ______
WST5-Form3

CATALYTIC COMBUSTOR AGING DATA
OR
STOVE AGING DATA
WOODSTOVE TEST DATA SHEET #25

T/C#

Hr. #	Date	Time	Firebox Temp	Secondary Burn Temp	~~Post Cat~~	~~In Cat~~	Comments
1	10/26	1030	474	535			
2		1130	722	904			
3		1230	1240	1501			
4		1330	894	636			
5		1430	344	431			
6		1530	614	665			
7		1630	686	951			
8		0730	623	994			
9		0830	1153	1429			
10		0930	993	1559			

412.3

PAGE GRAPH DATA SHEET MANUFACTURER/MODEL Regency RUN 1 DATE 10/28/92 PAGE 1 OF 4

TIME	SCALE	FUEL	DADP	v.	CO2	v.	O2	v.	CO	BAL	WET B	DRY B	%H2O	CAL WB	STACK	STATIC	SO2 PPM
0/1210	431.7	19.4	0	.200	5.0	.583	14.6	.135	1.37	3.7	80	92.	3.0	107	246	-.036	475
05/15	431.3	19.0	.4	.147	3.7	.665	16.7	.045	.46	8.0	80	96	2.9	113	329	-.046	300
10/20	431.1	18.8	.2	.096	2.4	.706	17.7	.070	.71	3.3	83	96	3.4	107	235	-.041	450
15/25	430.9	18.6	.2	.085	2.1	.719	18.0	.075	.76	2.8	83	96	3.4	104	216	-.039	500
20/30	430.6	18.3	.3	.096	2.4	.709	17.8	.083	.84	2.8	83	95	3.5	103	206	-.036	500
25/35	430.4	18.1	.2	.096	2.4	.709	17.8	.077	.78	3.0	83	95	3.5	102	201	-.036	500
30/40	430.1	17.8	.3	.095	2.3	.708	17.8	.091	.92	2.6	83	95	3.5	102	195	-.034	500
35/45	429.8	17.5	.3	.102	2.5	.701	17.6	.099	1.00	2.5	82	94	3.3	101	192	-.035	500
40/50	429.5	17.2	.3	.116	2.9	.686	17.2	.111	1.12	2.6	82	92	3.3	100	188	-.034	525
45/55	429.2	16.9	.3	.133	3.3	.670	16.8	.118	1.19	2.8	82	92	3.3	100	187	-.033	550
50/1300	428.8	16.5	.4	.163	4.1	.644	16.1	.118	1.19	3.4	82	95	3.2	100	188	-.034	550
55/05	428.4	16.1	.4	.134	3.3	.664	16.6	.182	1.84	1.8	81	93	3.1	100	182	-.033	575
TOTAL	-----	-----	-----	-----		-----		-----		-----	-----	-----	----	------	2565	-.437	-------
60/10	427.8	15.5	.6	.388	9.8	.426	10.7	.045	.46	21.2	80	93	3.0	109	272	-.046	425
65/15	427.3	15.0	.5	.244	6.1	.577	14.5	.054	.55	11.1	81	94	3.1	109	267	-.047	400
70/20	426.5	14.2	.8	.371	9.3	.450	11.3	.042	.42	22.2	81	96	3.0	115	339	-.056	375
75/25	425.7	13.4	.8	.324	8.2	.495	12.4	.047	.48	17.0	81	96	3.0	115	337	-.056	350
80/30	425.1	12.8	.6	.304	7.6	.518	13.0	.046	.47	16.3	81	95	3.1	115	336	-.056	350
85/35	424.6	12.3	.5	.344	8.7	.481	12.0	.030	.30	28.9	82	97	3.2	118	353	-.057	350
90/40	423.9	11.6	.7	.375	9.4	.453	11.3	.019	.19	49.7	84	97	3.5	119	369	-.057	350
95/45	423.2	10.9	.7	.350	8.8	.475	11.9	.022	.22	40.0	85	98	3.6	120	367	-.057	350
100/50	422.5	10.2	.7	.380	9.6	.447	11.2	.016	.16	59.8	85	99	3.6	121	378	-.060	325
105/55	421.9	9.6	.6	.379	9.5	.445	11.1	.014	.14	68.2	85	99	3.6	121	379	-.059	325
115/1400	421.4	9.1	.5	.326	8.2	.489	12.2	.024	.24	34.2	86	98	3.8	120	358	-.057	350
120/05	420.9	8.6	.5	.291	7.3	.519	13.0	.043	.43	17.0	86	97	3.9	119	345	-.057	350
TOTAL	-----	-----	-----	-----		-----		-----		-----	-----	-----	----	------	4100	-.665	-------
TOTAL	-----	-----	-----	-----		-----		-----		-----	-----	-----	----	------	6665	-1.102	-------

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PAGE 12 GAS DATA SHEET MANUFACTURER/MODEL Regency RUN 1 DATE 10/28/92 PAGE 2 OF 4

TIME	SCALE	FUEL	DADP	%	CO2	%	O2	%	CO	BAL	WET B	DRY B	%H2O	CAL WB	STACK	STATIC	SO2 PPM
120/1410	420.5	8.2	.4	.258	6.5	.546	13.7	.085	.86	7.5	85	95	3.7	116	319	-.053	400
125/15	420.0	7.7	.5	.258	6.5	.542	13.6	.066	.67	9.7	84	93	3.6	115	313	-.053	400
130/20	419.7	7.4	.3	.261	6.6	.544	13.6	.077	.78	8.4	83	92	3.5	114	310	-.052	400
135/25	419.3	7.0	.4	.278	7.0	.527	13.2	.064	.65	10.7	83	91	3.5	114	310	-.052	400
140/30	418.8	6.5	.5	.281	7.1	.525	13.1	.049	.50	14.1	82	89	3.4	114	311	-.051	400
145/35	418.5	6.2	.3	.269	6.8	.532	13.3	.060	.61	11.1	82	88	3.4	113	307	-.050	400
150/40	418.2	5.9	.3	.264	6.6	.533	13.3	.075	.76	8.7	80	86	3.2	112	298	-.050	400
155/45	417.8	5.5	.4	.266	6.7	.533	13.3	.073	.74	9.0	78	84	3.1	111	294	-.050	400
160/50	417.5	5.2	.3	.257	6.5	.536	13.4	.102	1.03	6.3	77	81	3.0	110	285	-.049	425
165/55	417.2	4.9	.3	.254	6.4	.540	13.5	.096	.97	6.6	76	81	2.9	110	279	-.048	425
170/1500	417.0	4.7	.2	.270	6.8	.529	13.2	.089	.90	7.5	76	81	2.9	109	277	-.048	450
175/05	416.7	4.4	.3	.258	6.5	.540	13.5	.091	.92	7.0	75	81	2.7	108	273	-.046	450
TOTAL	-----	-----	-----	-----		-----		-----		-----	-----	-----	----	------	3576	-.602	-------
180/10	416.4	4.1	.3	.251	6.3	.543	13.6	.097	.98	6.4	76	83	2.7	108	270	-.044	450
185/15	416.2	3.9	.2	.260	6.5	.539	13.5	.099	1.00	6.5	76	83	2.7	108	269	-.045	425
190/20	415.9	3.6	.3	.269	6.8	.534	13.4	.091	.92	7.3	76	83	2.7	108	270	-.044	425
195/25	415.6	3.3	.3	.260	6.5	.533	13.3	.089	.90	7.3	77	83	2.9	109	272	-.044	425
200/30	415.4	3.1	.2	.231	5.8	.561	14.1	.105	1.06	5.5	77	84	2.8	107	262	-.043	450
205/35	415.2	2.9	.2	.206	5.2	.574	14.4	.130	1.32	3.9	77	84	2.8	106	253	-.042	475
210/40	415.1	2.8	.1	.195	4.9	.586	14.7	.130	1.32	3.7	76	83	2.7	105	244	-.040	450
215/45	414.9	2.6	.2	.196	4.9	.582	14.6	.137	1.39	3.5	76	84	2.7	104	236	-.038	450
220/50	414.8	2.5	.1	.196	4.9	.580	14.5	.146	1.48	3.3	76	84	2.7	104	231	-.038	450
225/55	414.7	2.4	.1	.195	4.9	.578	14.5	.148	1.50	3.3	75	85	2.5	102	229	-.037	450
230/1600	414.6	2.3	.1	.173	4.3	.602	15.1	.142	1.44	3.0	76	85	2.7	102	225	-.037	450
235/05	414.5	2.2	.1	.163	4.1	.604	15.1	.168	1.70	2.4	76	85	2.7	102	221	-.036	450
TOTAL	-----	-----	-----	-----		-----		-----		-----	-----	-----	----	------	2982	-.488	-------
TOTAL	-----	-----	-----	-----		-----		-----		-----	-----	-----	----	------	6558	-1.090	-------

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PAGE ... GAS DATA SHEET MANUFACTURER/MODEL Regency K10 RUN 1 DATE 10/28/92 PAGE 3 OF 4

TIME	SCALE	FUEL	DRDP	v.	CO2	v.	O2	v.	CO	BAL	WET B	DRY B	%H2O	CAL WB	STACK	STATIC	SO2 PPM
240/1610	414.4	2.1	.1	.168	4.2	.606	15.2	.162	1.64	2.6	77	85	2.8	102	216	-.036	450
245/15	414.3	2.0	.1	.169	4.2	.605	15.2	.161	1.63	2.6	76	85	2.7	102	214	-.035	450
250/20	414.2	1.9	.1	.165	4.1	.606	15.2	.160	1.62	2.5	76	85	2.7	101	210	-.035	450
255/25	414.1	1.8	.1	.161	4.0	.610	15.3	.167	1.69	2.4	76	85	2.7	101	209	-.034	450
260/30	414.0	1.7	.1	.154	3.8	.616	15.4	.172	1.74	2.2	76	85	2.7	101	207	-.033	450
265/35	413.9	1.6	.1	.147	3.7	.624	15.6	.176	1.78	2.1	76	85	2.7	101	204	-.032	450
270/40	413.9	1.6	Ø	.140	3.5	.629	15.8	.166	1.68	2.1	76	85	2.7	100	192	-.031	475
275/45	413.8	1.5	.1	.138	3.4	.633	15.9	.161	1.63	2.1	76	85	2.7	99	187	-.030	500
280/50	413.7	1.4	.1	.141	3.5	.631	15.8	.160	1.62	2.2	76	84	2.7	97	184	-.029	500
285/55	413.7	1.4	.Ø	.140	3.5	.632	15.8	.153	1.55	2.2	75	83	2.6	96	178	-.027	525
290/1700	413.6	1.3	.1	.132	3.3	.638	16.0	.169	1.71	1.9	75	83	2.6	95	175	-.027	525
295/05	413.6	1.3	Ø	.132	3.3	.636	15.9	.171	1.73	1.9	75	82	2.6	94	172	-.027	525
TOTAL	-----	-----	-----	-----		-----		-----		-----	-----	-----	-----	------	2348	-.376	-------
300/10	413.5	1.2	.1	.130	3.2	.637	16.0	.177	1.79	1.8	75	82	2.6	93	170	-.027	525
305/15	413.5	1.2	Ø	.136	3.4	.631	15.8	.178	1.80	1.9	74	81	2.5	92	168	-.025	525
310/20	413.4	1.1	.1	.132	3.3	.639	16.0	.175	1.77	1.9	74	81	2.5	92	167	-.025	525
315/25	413.4	1.1	Ø	.132	3.3	.637	16.0	.180	1.82	1.8	74	81	2.5	92	166	-.025	575
320/30	413.3	1.0	.1	.136	3.4	.638	16.0	.165	1.67	2.0	74	81	2.5	92	163	-.025	575
325/35	413.3	1.0	Ø	.138	3.4	.637	16.0	.162	1.64	2.1	74	81	2.5	92	163	-.024	575
330/40	413.2	.9	.1	.124	3.1	.652	16.3	.156	1.58	2.0	74	80	2.5	91	161	-.024	575
335/45	413.2	.9	Ø	.128	3.2	.650	16.3	.137	1.39	2.3	74	80	2.5	91	160	-.024	575
340/50	413.1	.8	.1	.149	3.7	.631	15.8	.153	1.55	2.4	74	80	2.5	90	158	-.024	600
345/55	413.1	.8	Ø	.147	3.7	.629	15.8	.170	1.72	2.1	74	80	2.5	90	159	-.023	600
350/1800	413.0	.7	.1	.148	3.7	.622	15.6	.173	1.75	2.1	74	80	2.5	90	156	-.022	600
355/05	413.0	.7	Ø	.156	3.9	.620	15.5	.167	1.69	2.3	74	80	2.5	90	156	-.022	625
TOTAL	-----	-----	-----	-----		-----		-----		-----	-----	-----	-----	------	1947	-.290	-------
TOTAL	-----	-----	-----	-----		-----		-----		-----	-----	-----	-----	------	4295	-.666	-------

17518

412.3

Fuel 12 GAS Data Sheet MANUFACTURER/MODEL Regency R16 RUN 1 DATE 10/28/92 PAGE 4 OF 4

TIME	SCALE	FUEL	DADP	%	CO2	%	O2	%	CO	BAL	WET B	DRY B	%H2O	CAL WB	STACK	STATIC	SO2 PPM
360/1810	412.9	.6	.1	.149	3.7	.620	15.5	.185	1.87	2.0	74	80	2.5	90	155	-.022	625
365/15	412.9	.6	Ø	.146	3.6	.624	15.6	.187	1.89	1.9	74	80	2.5	90	155	-.022	625
370/20	412.8	.5	.1	.163	4.1	.616	154	.156	1.58	2.6	73	80	2.5	90	155	-.022	625
375/25	412.8	.5	Ø	.155	3.9	.624	15.6	.151	1.53	2.5	73	80	2.5	90	155	-.022	625
380/30	412.8	.5	Ø	.150	3.7	.632	15.8	.140	1.42	2.6	73	80	2.5	90	155	-.022	625
385/35	412.7	.4	.1	.153	3.8	.629	15.8	.140	1.42	2.7	73	80	2.5	90	154	-.021	625
390/40	412.7	.4	Ø	.151	3.8	.629	15.8	.140	1.42	2.7	73	80	2.5	90	154	-.021	625
395/45	412.6	.3	.1	.148	3.7	.640	16.0	.132	1.34	2.8	73	80	2.5	90	154	-.021	625
400/50	412.6	.3	Ø	.129	3.2	.653	16.4	.141	1.43	2.2	73	80	2.5	89	152	-.021	625
405/55	412.6	.3	Ø	.121	3.0	.659	16.5	.149	1.51	2.0	73	80	2.5	89	150	-.021	625
410/1900	412.5	.2	.1	.119	3.0	.661	16.6	.150	1.52	1.9	73	80	2.5	89	149	-.020	625
415/05	412.5	.2	Ø	.117	2.9	.664	16.6	.148	1.50	1.9	73	79	2.5	88	147	-.020	625
TOTAL	-----	-----	-----	-----		-----		-----		-----	-----	-----	-----	------	1834	-.254	------
420/10	412.5	.2	Ø	.114	2.8	.668	16.7	.146	1.48	1.9	73	79	2.5	88	146	-.020	650
425/15	412.4	.1	.1	.112	2.8	.667	16.7	.155	1.57	1.8	73	79	2.5	88	144	-.020	650
430/20	412.4	.1	Ø	.108	2.7	.672	16.8	.154	1.56	1.7	73	79	2.5	87	143	-.019	650
435/25	412.4	.1	Ø	.107	2.7	.675	16.9	.147	1.49	1.8	72	79	2.4	86	141	-.019	650
440/30	412.3	Ø	.1	.108	2.7	.674	16.9	.146	1.48	1.8	72	79	2.4	86	140	-.019	650
															714	-.097	
															2548	-.351	
															200.66	-3.209	÷89
															225	-.036	
TOTAL	-----	-----	-----	-----		-----		-----		-----	-----	-----	-----	------			
TOTAL	-----	-----	-----	-----		-----		-----		-----	-----	-----	-----	------			------

12.5 4.3-1.1

PAGE 13 PREBURN DATA SHEET MANUFACTURER/MODEL Regency RUN 1 DATE 10/28/92 PAGE 1 OF 1

TIME	SCALE WT	BURN RATE	STACK	TOP	LT SIDE	BACK	RT SIDE	BOTTOM	FIREBOX	SEC / CAT	AMBIENT	STATIC	COMMENTS
0 / 1105	414.8	Ø	725	850	585	248	566	490	1194	1270	82	-.082	PRIMARY AIR SET AT:
05 / 10	414.3	.5	453	736	596	200	578	481	1050	1057	82	-.071	STOP
10 / 15	413.9	.4	381	606	573	181	564	453	1037	908	81	-.061	SECONDARY AIR SET AT:
15 / 20	413.6	.3	352	547	551	174	546	441	1019	839	81	-.058	NA
20 / 25	413.4	.2	321	488	525	166	522	427	987	768	80	-.055	FAN: ON HIGH
25 / 30	413.2	.2	293	436	495	166	494	411	967	702	79	-.050	
30 / 35	413.0	.2	274	398	478	158	479	394	969	660	78	-.048	
35 / 40	412.8	.2	259	368	459	154	461	375	958	623	77	-.047	PUMPS ON AT: 1135
40 / 45	412.7	.1	249	346	442	154	447	361	950	594	77	-.043	
45 / 50	412.6	.1	241	326	424	151	434	362	923	565	76	-.040	CHECK NB/OB: 80/91 339
50 / 55	412.5	.1	230	311	410	151	423	344	909	546	76	-.039	328
55 / 1200	412.5	Ø	223	301	398	150	414	344	890	529	75	-.037	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
60 / 1205	412.4	.1	218	291	388	150	404	327	867	516	75	-.037	
65 / 1210	412.3	.1	246	284	381	152	397	321	758	494	75	-.036	307.0

PAGE 1 TEMPERATURE DATA SHEET MANUFACTURER/MODEL Regency RUN 1 DATE 10/28/92 PAGE 1 OF 4

TIME	TOP	LT SIDE	BACK	RT SIDE	BOTTOM	FIREBOX	SEC / ~~CAT~~	AMBIENT	FURNACE	SAMPLE	IMP OUT	C. GAS	GAS IMP	SO2 IMP	
0 / 1210	284	381	152	397	321	758	494	75	1400	237	39	244	39	40	
05 / 15	307	371	191	382	364	467	528	74	1401	237	39	244	39	40	
10 / 20	319	345	202	351	366	421	498	72	1398	237	39	244	39	40	
15 / 25	297	324	203	325	366	414	462	70	1397	237	39	242	39	40	
20 / 30	278	302	201	302	358	396	439	69	1396	237	39	242	39	40	
25 / 35	267	286	196	283	346	374	417	68	1395	237	39	241	39	40	
30 / 40	253	270	189	265	338	356	397	68	1394	236	40	240	39	40	
35 / 45	243	259	151	253	327	346	386	66	1393	237	40	240	39	40	
40 / 50	217	250	140	241	270	340	378	67	1392	236	40	240	39	40	
45 / 55	205	242	128	231	253	339	370	66	1391	236	40	240	39	40	
50 / 1300	204	235	120	221	253	348	382	67	1390	235	41	240	39	39	
55 / 05	198	231	114	214	247	350	375	67	1389	236	41	240	39	39	
TOTAL	3072	3496	1987	3465	3809	4909	5126	829	.....	.....	.....	.....	.....	.....	.....
60 / 10	241	227	107	207	260	370	508	67	1388	235	41	239	39	39	
65 / 15	285	231	105	207	232	398	532	67	1387	235	40	238	39	39	
70 / 20	328	241	106	212	242	400	621	67	1386	235	40	239	39	39	
75 / 25	372	263	111	220	212	456	679	67	1388	236	41	240	39	39	
80 / 30	385	276	113	235	203	490	720	67	1395	236	41	241	39	39	
85 / 35	400	286	114	255	202	529	772	68	1401	237	41	241	39	39	
90 / 40	420	295	115	272	199	555	794	69	1410	238	41	242	39	39	
95 / 45	435	304	116	290	196	587	793	70	1419	240	42	243	38	39	
100 / 50	457	316	117	305	197	625	863	71	1419	241	42	244	38	39	
105 / 55	481	326	119	317	200	673	818	71	1420	242	42	246	38	39	
110 / 1400	475	338	122	331	202	722	832	72	1423	243	43	247	38	39	
115 / 05	464	343	122	338	201	749	802	72	1423	243	43	247	38	39	
TOTAL	4743	3446	1367	3189	2546	6554	8674	828	.....	.....	.....	.....	.....	.....	.....
TOTAL	7815	6942	3354	6654	6355	11463	13800	1657	.....	.....	.....	.....	.....	.....	.....

PAGE 1 TEMPERATURE DATA SHEET MANUFACTURER/MODEL Regency Elc RUN 1 DATE 10/28/92 PAGE 2 OF 4

TIME	TOP	LT SIDE	BACK	RT SIDE	BOTTOM	FIREBOX	SEC / ~~CAT~~	AMBIENT	FURNACE	SAMPLE	INP OUT	C. GAS	GAS INP	SO2 INP	
120 / 1410	435	351	125	347	202	776	738	72	1423	243	43	247	38	39	
125 / 15	420	355	125	351	205	808	713	73	1430	245	44	247	38	39	
130 / 20	412	359	123	352	211	821	707	73	1439	246	44	248	38	38	
135 / 25	408	362	122	352	218	828	706	70	1442	247	44	247	38	38	
140 / 30	408	366	121	352	233	842	704	69	1446	247	44	247	38	38	
145 / 35	405	368	121	355	234	847	708	69	1448	248	44	248	38	39	
150 / 40	393	372	121	358	240	854	711	68	1450	247	44	248	38	39	
155 / 45	386	376	122	361	230	865	711	67	1451	248	44	248	38	39	
160 / 50	377	379	123	364	236	890	694	67	1452	247	45	248	38	39	
165 / 55	366	381	124	367	250	923	672	67	1455	248	42	247	38	39	
170 / 1500	359	384	125	370	238	950	655	67	1457	247	41	247	38	39	
175 / 05	351	385	125	373	261	958	647	68	1458	247	41	247	38	39	
TOTAL	4720	4438	1477	4302	2758	10362	83166	830	.....	.....	.....	.....	.....	.....	.....
180 / 10	347	386	126	377	266	958	638	68	1460	246	40	246	39	39	
185 / 15	345	386	127	378	268	950	638	68	1461	246	40	246	39	39	
190 / 20	346	386	134	380	239	944	637	69	1463	246	40	246	39	39	
195 / 25	352	386	137	381	238	934	645	70	1464	247	41	246	39	39	
200 / 30	345	385	139	381	239	923	626	70	1466	247	41	245	39	39	
205 / 35	334	381	140	380	241	930	602	71	1460	248	41	246	39	39	
210 / 40	319	377	136	378	253	927	578	70	1455	248	41	247	39	39	
215 / 45	305	370	138	375	247	917	558	70	1450	248	42	247	39	39	
220 / 50	296	362	139	371	248	901	543	71	1449	248	42	248	39	39	
225 / 55	293	360	138	370	246	897	540	71	1449	248	42	248	39	39	
230 / 1600	287	357	138	367	245	887	527	71	1448	248	42	248	39	39	
235 / 05	280	353	138	363	244	874	515	72	1448	248	42	248	39	40	
TOTAL	3849	4489	1630	4501	2974	11042	7047	841	.....	.....	.....	.....	.....	.....	.....
TOTAL	8569	8927	3107	8803	5732	21404	15413	1671	.....	.....	.....	.....	.....	.....	.....
	16384	15869	6461	15457	12087	32867	29213	2378							

PAGE 11 TEMPERATURE DATA SHEET MANUFACTURER/MODEL Regency R6 RUN 1 DATE 10/28/92 PAGE 3 OF 4

TIME	TOP	LT SIDE	BACK	RT SIDE	BOTTOM	FIREBOX	SEC / ~~CAT~~	AMBIENT	FURNACE	SAMPLE	INP OUT	C. GAS	GAS INP	SO2 INP	307.0
240 / 1610	273	346	138	358	243	856	506	72	1448	248	42	248	39	40	
245 / 15	268	341	138	354	244	844	499	72	1449	248	43	248	39	40	
250 / 20	263	334	137	349	241	830	491	72	1450	247	43	248	39	40	
255 / 25	260	330	136	345	242	821	485	72	1449	247	44	248	39	40	
260 / 30	257	327	136	343	243	815	480	72	1449	246	44	248	38	40	
265 / 35	252	323	136	338	241	789	474	72	1449	247	44	248	38	40	
270 / 40	248	318	135	335	238	751	465	72	1448	246	44	248	38	40	
275 / 45	244	313	134	329	241	722	457	71	1447	246	44	248	38	40	
280 / 50	246	308	134	324	240	704	449	72	1447	246	45	248	37	40	
285 / 55	240	302	133	316	237	679	439	71	1446	246	45	248	37	40	
290 / 1700	235	296	132	309	239	661	431	71	1447	246	45	248	37	40	
295 / 05	231	292	132	303	235	650	423	71	1447	246	45	248	37	40	
TOTAL	3017	3830	1621	4003	2884	9122	5599	860	.....	.....	.....	.....	.....	.....	.....
300 / 10	231	287	134	296	249	636	414	71	1447	246	45	247	36	40	
305 / 15	230	282	136	291	255	624	407	71	1448	246	46	247	37	40	
310 / 20	227	279	136	287	253	615	402	71	1449	246	46	247	37	40	
315 / 25	225	275	137	283	242	604	398	71	1449	246	46	247	37	40	
320 / 30	222	272	138	279	240	596	393	71	1449	245	46	247	37	40	
325 / 35	222	269	138	276	239	590	393	71	1446	246	46	246	37	40	
330 / 40	219	265	139	273	242	585	387	71	1444	245	43	246	37	40	
335 / 45	217	264	138	271	236	560	385	71	1441	246	42	246	36	40	
340 / 50	217	261	138	270	240	579	383	71	1440	245	41	246	36	40	
345 / 55	218	261	139	266	240	615	384	71	1440	245	41	246	36	40	
350 / 1800	219	259	137	264	241	622	385	72	1437	246	41	246	36	40	
355 / 05	219	259	135	263	251	624	388	71	1437	246	41	246	36	40	
TOTAL	2666	3233	1645	3319	2928	7250	4719	853	.....	.....	.....	.....	.....	.....	.....
TOTAL	5683	7063	3266	7322	5812	16372	10318	1713	.....	.....	.....	.....	.....	.....	.....

PAGE 1 TEMPERATURE DATA SHEET MANUFACTURER/MODEL Regency R6 RUN 1 DATE 10/28/92 PAGE 4 OF 4

TIME	TOP	LT SIDE	BACK	RT SIDE	BOTTOM	FIREBOX	SEC / ~~CAT~~	AMBIENT	FURNACE	SAMPLE	IMP OUT	C. GAS	GAS IMP	SO2 IMP	307.0
360 1810	219	258	133	263	254	631	385	71	1438	247	42	247	35	40	
365 15	218	257	132	263	255	641	387	71	1439	247	42	247	35	40	
370 20	219	256	131	264	256	655	390	71	1440	248	42	247	35	40	
375 25	218	254	129	266	255	669	389	72	1440	247	42	248	34	40	
380 30	217	253	129	269	246	674	390	71	1441	248	43	248	34	40	
385 35	217	251	128	270	255	671	389	72	1442	248	43	248	34	40	
390 40	217	250	128	272	250	663	390	71	1442	248	43	248	34	40	
395 45	217	248	128	272	243	634	389	71	1443	248	43	248	34	40	
400 50	215	246	128	271	242	629	385	71	1443	248	43	248	34	40	
405 55	212	244	127	269	242	622	381	71	1445	248	44	248	34	40	
410 1900	210	241	127	266	234	614	377	71	1446	248	44	248	34	40	
415 05	207	238	127	263	230	596	371	71	1446	248	44	248	34	40	
TOTAL	2586	2996	1547	3208	2962	7699	4623	854	.....	.....	.....	.....	.....	.....	.....
420 10	204	235	126	260	231	583	366	71	1446	248	44	248	34	40	
425 15	200	232	126	256	229	561	359	71	1445	248	44	248	35	40	
430 20	198	229	126	253	227	549	355	71	1445	248	44	248	35	40	
435 25	196	228	126	249	221	522	349	71	1445	248	44	248	35	40	
440 30	194	226	126	246	220	510	346	71	1445	248	44	248	35	40	
	992	1150	630	1264	1128	2725	1775	355							
	3578	4146	2177	4472	4090	10424	6398	1209		ΔT START		307.0			÷89
	25645	27078	11904	27251	21989	59663	45929	6250		STOP		202.4			
	288	304	134	306	247	670	516	70				104.6			
TOTAL									.....	.....	.....	.....	.....	.....	.....
TOTAL									.....	.....	.....	.....	.....	.....	.....

FIRE 12 CMS DATA SHEET MANUFACTURER/MODEL Mercury R6 RUN 4 DATE 10/30/92 PAGE 1 OF 3

TIME	SCALE	FUEL	DADP	V.	CO2	V.	O2	V.	CO	BAL	WET B	DRY B	%H2O	CAL WB	STACK	STATIC	SO2 PPM
00 / 1555	430.2	17.3	—	.192	4.8	.595	14.9	.113	1.14	4.2	86	122	2.9	105	241	-.035	500
05 / 1600	429.7	16.8	.5	.248	6.2	.571	14.3	.027	.27	23.0	92	130	3.8	121	372	-.048	325
10 / 05	429.6	16.7	.1	.140	3.5	.674	16.9	.036	.36	9.7	99	125	5.4	124	251	-.040	475
15 / 10	429.5	16.6	.1	.141	3.5	.675	16.9	.039	.39	9.0	96	120	4.8	109	220	-.035	500
20 / 15	429.2	16.3	.3	.148	3.7	.663	16.6	.054	.55	6.7	95	117	4.7	109	213	-.035	525
25 / 20	429.0	16.1	.2	.156	3.9	.651	16.3	.061	.62	6.3	96	115	5.0	110	207	-.034	525
30 / 25	428.8	15.9	.2	.208	5.2	.595	14.9	.072	.73	7.1	96	114	5.0	110	206	-.034	525
35 / 30	428.5	15.6	.3	.204	5.1	.599	15.0	.067	.68	7.5	97	115	5.7	111	215	-.035	500
40 / 35	428.1	15.2	.4	.206	5.1	.595	14.9	.078	.79	6.5	100	117	5.9	111	218	-.035	475
45 / 40	427.8	14.9	.3	.209	5.2	.587	14.7	.091	.92	5.7	99	114	5.8	111	214	-.035	500
50 / 45	427.4	14.5	.4	.220	5.5	.571	14.3	.099	1.00	5.5	98	113	5.6	111	216	-.035	500
55 / 50	427.0	14.1	.4	.229	7.5	.512	12.8	.046	.46	16.3	98	119	5.6	116	271	-.042	450
TOTAL	-----	-----	-----	-----		-----		-----		-----	-----	-----	----	------	2844	-.443	-------
60 / 55	426.3	13.4	.7	.363	9.1	.460	11.5	.022	.22	41.4	108	129	7.5	127	333	-.050	400
65 / 1700	425.6	12.7	.7	.323	8.1	.492	12.3	.042	.42	19.3	111	132	8.1	129	335	-.051	400
70 / 05	425.0	12.1	.6	.339	8.5	.484	12.1	.023	.23	51.0	110	133	7.9	130	346	-.054	325
75 / 10	424.3	11.4	.7	.343	8.6	.480	12.0	.017	.17	50.6	111	134	8.0	130	360	-.054	500
80 / 15	423.8	10.9	.5	.367	9.2	.456	11.4	.019	.19	48.4	112	137	8.2	131	385	-.056	450
85 / 20	423.1	10.2	.7	.331	8.3	.492	12.3	.017	.17	48.8	114	137	9.0	132	370	-.056	350
90 / 25	422.5	9.6	.6	.355	8.9	.468	11.7	.023	.23	38.7	112	137	8.2	132	385	-.057	350
95 / 30	422.0	9.1	.5	.319	8.0	.504	12.6	.023	.23	34.8	112	136	8.2	132	370	-.055	350
100 / 35	421.4	8.5	.6	.311	7.8	.496	12.4	.064	.65	12.0	108	131	7.4	127	331	-.053	375
105 / 40	421.0	8.1	.4	.303	7.6	.500	12.5	.071	.72	10.6	105	126	6.8	123	314	-.051	400
110 / 45	420.6	7.7	.4	.292	7.3	.512	12.8	.070	.71	10.3	102	124	6.0	120	305	-.051	425
115 / 50	420.2	7.3	.4	.271	6.8	.536	13.4	.056	.57	11.9	102	123	6.10	120	305	-.050	425
TOTAL	-----	-----	-----	-----		-----		-----		-----	-----	-----	----	------	4139	-.638	-------
TOTAL	-----	-----	-----	-----		-----		-----		-----	-----	-----	----	------	6983	-1.081	-------

12 ...S Data SHEET MANUFACTURER/MODEL Kegaxy R-6 RUN 4 DATE 10/30/92 PAGE 2 OF 3

TIME	SCALE	FUEL	DADP	%	CO2	%	O2	%	CO	BAL	WET B	DRY B	%H2O	CAL WB	STACK	STATIC	SO2 PPM
120/1755	419.8	6.9	.4	276	6.9	.535	13.4	.053	.54	12.8	101	123	5.9	120	307	-.050	450
125/1800	419.4	6.5	.4	.284	7.1	.532	13.3	.042	.42	16.9	102	125	6.0	121	315	-.051	425
130/05	419.0	6.1	.4	.288	7.2	.531	13.3	.031	.31	23.2	103	126	6.3	122	320	-.051	425
135/10	418.6	5.7	.4	.268	6.7	.547	13.7	.036	.36	18.6	104	127	6.4	122	316	-.051	425
140/15	418.2	5.3	.4	.240	6.0	.571	14.3	.052	.53	11.3	102	125	6.0	120	297	-.048	425
145/20	417.9	5.0	.3	.244	6.1	.563	14.1	.060	.61	10.0	99	122	5.5	119	288	-.047	425
150/25	417.6	4.7	.3	.228	5.7	.571	14.3	077	.78	7.3	97	121	5.1	116	279	-.045	450
155/30	417.3	4.4	.3	.227	5.7	.575	14.4	069	.70	8.1	95	119	4.7	114	272	-.044	450
160/35	417.1	4.2	.2	.232	5.8	.572	14.3	.069	.70	8.3	94	119	4.5	111	266	-.043	450
165/40	416.7	3.8	.4	.257	6.4	.536	13.4	.099	1.00	6.4	95	119	4.7	111	264	-.042	550
170/45	416.5	3.6	.2	.252	6.3	.559	14.0	.053	.54	11.7	96	119	4.9	116	272	-.042	450
175/50	416.2	3.3	.3	.243	6.1	.567	14.2	.049	.50	12.2	94	119	4.5	114	269	-.041	425
TOTAL	-----	-----	-----	-----		-----		-----		-----	-----	-----	----	------	3465	-.555	-------
180/55	416.1	3.2	.1	.236	5.9	.571	14.3	.059	.60	9.8	94	119	4.5	113	266	-.041	425
185/1900	415.9	3.0	.2	.229	5.7	.575	14.4	.071	.72	7.9	89	116	3.6	110	251	-.040	500
190/05	415.7	2.8	.2	.220	5.5	.587	14.7	.057	.58	9.5	89	117	3.6	110	252	-.040	500
195/10	415.5	2.6	.2	.224	5.6	.586	14.7	.052	.53	10.6	88	116	3.5	109	249	-.039	500
200/15	415.4	2.5	.1	.223	5.6	.591	14.8	.045	.45	12.4	88	116	3.5	108	247	-.038	475
205/20	415.3	2.4	.1	.184	4.6	.635	15.9	.033	.33	13.9	87	116	3.4	108	250	-.037	475
210/25	415.1	2.2	.2	.252	6.3	.555	13.9	.062	.63	10.0	87	117	3.4	108	252	-.036	475
215/30	415.0	2.1	.1	.251	6.3	.556	13.9	.061	.62	10.2	87	118	3.4	108	252	-.036	450
220/35	414.9	2.0	.1	.256	6.4	.552	13.8	.064	.65	9.8	86	119	3.3	107	249	-.036	450
225/40	414.8	1.9	.1	.253	6.3	.550	13.8	.070	.71	8.9	87	119	3.4	108	248	-.036	450
230/45	414.7	1.8	.1	.255	6.4	.548	13.7	.071	.72	8.9	87	119	3.4	108	246	-.036	450
235/50	414.6	1.7	.1	.254	6.1	.559	14.6	.074	.75	8.1	86	118	3.3	107	245	-.036	450
TOTAL	-----	-----	-----	-----		-----		-----		-----	-----	-----	----	------	3007	-.451	-------
TOTAL	-----	-----	-----	-----		-----		-----		-----	-----	-----	----	------	6472	-1.006	-------

12 mS DATA SHEET MANUFACTURER/MODEL Kaeser R-6 RUN 4 DATE 10/30/92 PAGE 3 OF 3

TIME	SCALE	FUEL	DROP	%	CO2	%	O2	%	CO	BAL	WET B	DRY B	%H2O	CAL WB	STACK	STATIC	SO2 PPM
240 1955	414.5	1.6	.1	236	5.9	.571	14.3	.064	.65	9.1	85	118	2.9	105	244	-.035	450
245 2000	414.3	1.4	.2	.228	5.7	.575	14.4	.069	.70	8.1	85	118	2.9	105	243	-.035	450
250 05	414.2	1.3	.1	.232	5.8	.571	14.3	.070	.71	8.2	85	118	2.9	104	241	-.035	450
255 10	414.2	1.3	.0	231	5.8	.572	14.3	.072	.73	7.9	84	117	2.7	103	241	-.034	450
260 15	414.1	1.2	.1	.231	5.8	.571	14.3	.066	.67	8.7	84	117	2.7	103	239	-.034	450
265 20	414.0	1.1	.1	.224	5.6	.579	14.5	.069	.68	8.2	84	117	2.7	103	240	-.034	450
270 25	413.9	1.0	.1	.224	5.6	.577	14.5	.073	.74	7.6	84	117	2.7	103	238	-.034	450
275 30	413.8	.9	.1	.216	5.4	.578	14.7	.068	.69	7.8	84	117	2.7	103	237	-.034	450
280 35	413.7	.8	.1	.212	5.3	.587	14.7	.075	.76	7.0	84	117	2.7	103	236	-.033	450
285 40	413.6	.7	.1	.199	5.0	.595	14.9	.089	.90	5.6	84	116	2.7	103	234	-.033	450
290 45	413.5	.6	.1	.204	5.1	.594	14.9	.075	.76	6.7	84	116	2.7	103	232	-.033	450
295 50	413.4	.5	.1	.204	5.1	.596	14.9	.080	.81	6.3	83	115	2.6	101	227	-.033	450
TOTAL	-----	-----	-----	-----		-----		-----		-----	-----	-----	----	------	2852	-.407	------
300 55	413.3	.4	.1	.201	5.0	.599	15.0	.084	.85	5.9	83	115	2.6	101	226	-.033	450
305 2100	413.2	.3	.1	.196	4.9	.599	15.0	.087	.88	5.6	83	114	2.6	101	224	-.033	450
310 05	413.2	.3	.0	.195	4.9	.603	15.1	.077	.78	6.3	82	113	2.5	100	219	-.033	450
315 10	413.1	.2	.1	.195	4.9	.605	15.1	.077	.78	6.3	82	112	2.5	100	216	-.032	450
320 15	413.0	.1	.1	.192	4.8	.610	15.3	.071	.72	6.7	82	111	2.5	100	213	-.032	450
325 20	412.9	.0	.0	.188	4.7	.612	15.3	.079	.80	5.9	82	111	2.5	100	212	-.032	450
330 25															1310	-.195	
335 30															4162	-.602	
340															17617	-2.689	
345															267	-.041	
350																	
355																	
TOTAL	-----	-----	-----	-----		-----		-----		-----	-----	-----	----	------			
TOTAL	-----	-----	-----	-----		-----		-----		-----	-----	-----	----	------			------

+ 1.5 412.9 - 412.1

PAGE 13 PREBURN DATA SHEET MANUFACTURER/MODEL Regency R6 RUN 4 DATE 10/30/92 PAGE 1 OF 1

TIME	SCALE WT	BURN RATE	STACK	TOP	LT SIDE	BACK	RT SIDE	BOTTOM	FIREBOX	SEC / CAT	AMBIENT	STATIC	COMMENTS
0 1455	414.4	—	681	871	549	229	557	386	1238	991	75	-.075	PRIMARY AIR SET AT:
05 1500	414.2	.2	416	694	555	180	563	367	1094	841	76	-.063	4" ON ROD
10 05	414.0	.2	361	598	541	173	549	369	1047	765	76	-.058	SECONDARY AIR SET AT:
15 10	413.9	.1	336	524	520	168	525	357	1012	704	75	-.055	NA
20 15	413.8	.1	310	468	495	164	498	349	973	653	74	-.053	FAN: ON HIGH
25 20	413.6	.2	290	427	472	158	473	336	934	611	73	-.050	
30 25	413.5	.1	278	402	456	159	457	353	913	587	73	-.048	
35 30	413.4	.1	265	375	435	156	434	336	892	558	72	-.046	PUMPS ON AT: 1526
40 35	413.3	.1	261	364	427	155	425	339	880	547	72	-.040	
45 40	413.2	.1	253	350	415	154	412	334	871	532	72	-.036	CHECK WB/DB: 83/99
50 45	413.1	.1	248	339	405	152	403	330	864	520	72	-.036	
55 50	413.0	.1	244	330	400	150	394	319	858	510	71	-.036	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
60 55	412.9	.1	241	324	391	149	388	319	848	503	71	-.035	314.2
65 1600													
70													
75													
80													
85													
90													

PAGE 1 TEMPERATURE DATA SHEET MANUFACTURER/MODEL Reavey RB RUN 4 DATE 10/30/92 PAGE 1 OF 3

TIME	TOP	LT SIDE	BACK	RT SIDE	BOTTOM	FIREBOX	SEC / CAT	AMBIENT	FURNACE	SAMPLE	IMP OUT	C. GAS	GAS IMP	SO2 IMP	
0 / 1555	324	391	149	388	319	848	503	71	1410	253	77	242	49	49	314.2
05 / 1600	400	374	188	370	328	494	560	70	1430	253	57	237	49	49	
10 / 05	392	350	198	344	353	438	485	70	1459	250	53	234	49	49	
15 / 10	347	322	198	315	351	407	445	66	1475	243	44	229	49	49	
20 / 15	325	299	192	293	346	380	413	65	1482	236	44	225	49	49	
25 / 20	311	280	185	273	338	361	396	65	1478	235	45	222	49	50	
30 / 25	304	264	177	257	326	346	374	65	1470	235	45	225	50	51	
35 / 30	286	250	134	243	276	343	392	65	1464	231	45	227	50	51	
40 / 35	283	241	117	231	283	345	396	65	1458	230	45	228	50	51	
45 / 40	282	234	109	223	276	348	405	65	1453	230	44	232	50	51	
50 / 45	289	228	106	216	259	346	412	65	1452	228	44	234	50	51	
55 / 50	347	223	102	210	252	367	527	65	1447	227	44	235	50	51	
TOTAL	3890	3456	1855	3363	3707	5023	5308	797	.....	.....	.....	.....	.....	.....	.....
60 / 1655	430	225	101	215	232	401	609	66	1442	237	45	238	49	49	
65 / 1700	469	240	100	222	249	439	637	66	1440	248	45	246	48	48	
70 / 05	464	255	100	236	240	476	648	66	1439	247	45	248	49	48	
75 / 10	489	270	101	251	226	516	684	66	1438	247	43	243	49	48	
80 / 15	486	285	102	265	220	586	739	66	1444	248	46	242	48	48	
85 / 20	486	305	106	286	207	611	727	66	1450	245	45	242	48	47	
90 / 25	511	320	106	299	206	658	751	66	1456	243	45	241	49	49	
95 / 30	545	336	107	314	205	702	755	66	1460	242	45	240	49	49	
100 / 35	522	346	108	327	206	736	711	65	1466	240	45	239	49	49	
105 / 40	487	348	109	335	206	767	682	66	1472	238	46	238	49	49	
110 / 45	469	349	109	338	204	779	675	66	1460	237	47	241	49	49	
115 / 50	460	351	111	340	208	803	670	66	1450	236	47	242	49	49	
TOTAL	5818	3630	1260	3428	2609	7474	8288	791	.....	.....	.....	.....	.....	.....	.....
TOTAL	9708	7086	3115	6791	6316	12497	13596	1588	.....	.....	.....	.....	.....	.....	.....

PAGE 1 TEMPERATURE DATA SHEET MANUFACTURER/MODEL Regency R-6 RUN 4 DATE 10/30/92 PAGE 2 OF 3

TIME	TOP	LT SIDE	BACK	RT SIDE	BOTTOM	FIREBOX	SEC / CAT	AMBIENT	FURNACE	SAMPLE	INP OUT	C. GAS	GAS INP	SO2 INP	314.2
120 1755	462	354	112	343	204	832	672	66	1440	235	43	243	49	48	
125 1800	467	357	113	346	205	849	676	66	1435	234	42	245	49	48	
130 05	476	361	114	349	198	845	678	66	1440	234	43	247	49	51	
135 10	484	366	115	352	197	831	679	66	1446	235	43	248	49	52	
140 15	462	367	117	353	197	803	659	66	1451	235	43	248	49	49	
145 20	437	365	119	354	196	815	641	66	1457	235	44	247	49	49	
150 25	414	362	120	355	198	828	617	66	1461	236	44	244	48	49	
155 30	400	360	120	354	200	829	606	66	1465	236	44	241	48	48	
160 35	392	357	124	354	199	826	595	68	1467	236	45	240	48	48	
165 40	378	356	127	353	200	858	599	69	1469	236	45	238	48	48	
170 45	394	358	129	355	200	843	606	70	1469	236	46	237	48	48	
175 50	396	360	131	357	203	844	612	70	1470	236	46	237	48	48	
TOTAL	5162	4323	1441	4225	2397	10003	7640	805	.....	.....	.....	.....	.....	.....	.....
180 1855	395	361	133	359	204	841	600	70	1466	236	46	236	48	48	
185 1900	363	360	134	358	203	861	559	71	1462	237	46	235	47	48	
190 05	352	360	132	355	206	875	550	70	1458	237	46	235	47	48	
195 10	347	360	137	354	209	889	541	71	1456	237	47	234	47	48	
200 15	343	361	140	354	209	896	535	71	1453	237	47	234	47	48	
205 20	338	363	145	356	208	907	526	72	1452	238	47	235	47	47	
210 25	335	365	148	358	210	907	521	71	1450	237	47	234	47	47	
215 30	331	367	147	360	231	915	516	70	1450	237	47	234	46	47	287.5
220 35	328	367	151	361	213	920	515	70	1447	238	47	234	46	47	
225 40	326	368	154	364	210	923	514	72	1448	238	47	234	45	46	
230 45	325	370	155	367	213	921	512	72	1447	238	48	234	45	46	
235 50	322	370	154	368	210	927	511	71	1444	238	48	234	45	46	
TOTAL	4105	4372	1730	4314	2526	10782	6400	851	.....	.....	.....	.....	.....	.....	.....
TOTAL	9267	8695	3171	8539	4923	20785	14040	1656	.....	.....	.....	.....	.....	.....	.....

19975 15781 6781 15330 11239

PAGE 11 TEMPERATURE DATA SHEET MANUFACTURER/MODEL Regency R-6 RUN 4 DATE 10/30/92 PAGE 3 OF 3

TIME	TOP	LT SIDE	BACK	RT SIDE	BOTTOM	FIREBOX	SEC / CAT	AMBIENT	FURNACE	SAMPLE	INP OUT	C. GAS	GAS INP	SO2 INP	314.2
240 55	317	370	152	370	218	889	506	69	1445	237	48	233	44	48	
245 2000	312	369	153	369	213	869	500	69	1445	237	48	233	44	48	
250 05	309	369	154	366	209	870	498	69	1445	237	48	234	44	48	
255 10	307	368	154	365	207	865	496	69	1445	237	48	234	44	48	
260 15	307	366	154	361	208	844	494	69	1445	237	48	234	44	47	
265 20	305	364	155	359	204	828	492	69	1444	237	48	234	44	47	
270 25	304	361	155	356	203	815	489	69	1445	237	49	234	43	47	
275 30	301	358	154	352	202	803	487	69	1445	237	49	234	43	47	
280 35	299	354	154	348	202	779	483	69	1444	237	49	233	43	47	
285 40	295	350	154	344	203	754	477	69	1448	237	49	233	43	47	
290 45	291	346	152	338	200	745	472	69	1448	237	49	233	42	47	
295 50	288	342	152	334	201	734	467	69	1447	236	49	233	42	47	
TOTAL	3635	4317	1843	4262	2470	9795	5861	828	.....	.....	.....	.....	.....	.....	.....
300 55	282	338	150	329	199	719	461	69	1446	237	48	232	41	47	
305 3100	276	333	150	323	195	710	455	69	1446	236	48	232	41	46	
310 05	274	329	150	320	198	701	449	69	1443	234	48	231	42	46	
315 10	269	324	152	317	196	694	444	69	1442	234	48	231	42	46	
320 15	266	319	153	313	194	694	440	69	1441	233	48	230	42	46	
325 20	262	314	155	310	193	687	431	69	1440	233	48	230	42	46	246.8
330	1629	1957	910	1912	1175	4205	2680	414	ST	START	314.2				
335	5264	6274	2753	6174	3645	14000	8541	1242		STOP	246.8	=66			-67
340	24239	22055	9039	21504	14884	47282	36177	4486			-67.4				
345	367	334	137	326	226	716	548	68							
350															
355															
TOTAL									.....	.....	.....	.....	.....	.....	.....
TOTAL									.....	.....	.....	.....	.....	.....	.....

41219

PAGE 12 ...S D SH... MANUFACTURER/MODEL Legacy R6 RUN 3 DATE 10/30/92 PAGE 1 OF 2

TIME	SCALE	FUEL	DROP	%	CO2	%	O2	%	CO	BAL	WET B	DRY B	%H2O	CAL WB	STACK	STATIC	SO2 PPM	
0 / 1010	430.2	17.3	—	.277	7.0	.552	13.8	.054	.55	12.7	97	171	3.5	122	408	-.059	325	
05 / 15	429.5	16.6	.7	.313	7.9	.519	13.0	.037	.37	21.3	108	176	5.8	132	481	-.065	300	
10 / 20	428.9	16.0	.6	.208	5.2	.624	15.6	.054	.55	9.5	111	172	7.1	132	422	-.060	350	
15 / 25	428.3	15.4	.6	.250	6.3	.583	14.6	.060	.61	10.3	111	171	7.1	133	433	-.062	350	
20 / 30	427.3	14.4	1.0	.379	9.5	.460	11.5	.028	.28	34.1	118	185	9.0	140	523	-.068	325	
25 / 35	426.4	13.5	.9	.384	9.7	.454	11.4	.028	.28	34.5	119	189	9.2	141	535	-.071	325	
30 / 40	425.4	12.5	1.0	.465	11.7	.376	9.4	.017	.17	69.0	122	196	10.4	145	583	-.075	325	
35 / 45	424.3	11.4	1.1	.495	12.5	.347	8.7	.011	.11	113.5	125	200	11.2	148	607	-.075	325	FAN ON
40 / 50	423.2	10.3	1.1	.499	12.6	.340	8.5	.008	.08	157.3	125	200	11.2	147	598	-.074	325	
45 / 55	422.3	9.4	.9	.496	12.5	.342	8.5	.004	.04	312.7	123	199	11.0	147	598	-.075	325	
50 / 100	421.4	8.5	.9	.467	11.8	.370	9.2	.006	.06	196.2	121	197	10.0	145	585	-.075	325	
55 / 05	420.5	7.6	.9	.472	11.9	.370	9.2	.006	.06	198.3	119	191	9.2	144	575	-.074	325	
TOTAL	-----	-----	-----	-----		-----		-----		-----	-----	-----	-----	-----	6348	.833	-----	
60 / 10	419.7	6.8	.8	.456	11.5	.386	9.6	.007	.07	164.2	118	187	9.0	142	561	-.073	325	
65 / 15	418.9	6.0	.8	.469	11.8	.370	9.2	.006	.06	197.1	118	188	9.0	142	564	-.073	325	
70 / 20	418.1	5.2	.8	.386	9.7	.455	11.4	.012	.12	81.0	115	185	8.2	140	535	-.071	325	
75 / 25	417.4	4.5	.7	.392	9.9	.447	11.2	.014	.14	70.5	113	182	8.0	139	527	-.071	325	
80 / 30	416.8	3.9	.6	.379	9.5	.456	11.4	.021	.21	45.4	112	179	7.4	138	516	-.070	325	
85 / 35	416.3	3.4	.5	.324	8.1	.505	12.6	.027	.27	30.2	109	175	6.0	133	486	-.068	325	
90 / 40	415.9	3.0	.4	.299	7.5	.528	13.2	.034	.34	22.1	107	171	5.8	132	466	-.066	325	
95 / 45	415.5	2.6	.4	.300	7.5	.523	13.1	.037	.37	204	105	167	5.4	131	454	-.065	325	
100 / 50	415.1	2.2	.4	.295	7.4	.523	13.1	.036	.36	20.6	104	164	5.4	131	446	-.065	325	
105 / 55	414.7	1.8	.4	.275	6.9	.544	13.6	.040	.40	17.3	101	160	4.6	128	428	-.062	325	
110 / 100	414.5	1.6	.2	.264	6.6	.552	13.8	.042	.42	15.8	100	157	4.5	127	423	-.061	350	
115 / 05	414.2	1.3	.3	.243	6.1	.573	14.4	.037	.37	16.5	99	155	4.3	126	412	-.059	325	
TOTAL	-----	-----	-----	-----		-----		-----		-----	-----	-----	-----	-----	5818	-.804	-----	
TOTAL	-----	-----	-----	-----		-----		-----		-----	-----	-----	-----	-----	12166	-1.637	-----	

412.9

AGE ... GAS DATA SHEET MANUFACTURER/MODEL Regency R6 RUN 3 DATE 10/30/92 PAGE 2 OF 2

TIME	SCALE	FUEL	DROP	v.	CO2	v.	O2	v.	CO	BAL	WET B	DRY B	xH2O	CAL WB	STACK	STATIC	SO2 PPM
120 (10)	414.1	1.2	.1	.223	5.6	.590	14.8	.054	.55	10.2	97	153	3.9	122	395	-.057	325
125 (15)	413.9	1.0	.2	.217	5.4	.596	14.9	.061	.62	8.8	95	150	3.7	121	383	-.056	325
130 (20)	413.8	.9	.1	.203	5.1	.606	15.2	.078	.79	6.4	94	143	3.6	118	331	-.053	350
135 (25)	413.7	.8	.1	.204	5.1	.601	15.1	.094	.95	5.4	92	136	3.5	112	286	-.049	400
140 (30)	413.6	.7	.1	.206	5.2	.595	14.9	.105	1.06	4.9	90	129	3.4	108	253	-.045	425
145 (35)	413.5	.6	.1	.208	5.2	.591	14.8	.112	1.13	4.6	88	123	3.3	105	232	-.040	475
150 (40)	413.5	.6	0	.199	5.0	.599	15.0	.112	1.13	4.4	87	120	3.2	105	224	-.037	475
155 (45)	413.4	.5	.1	.181	4.5	.612	15.3	.122	1.23	3.7	86	117	3.1	104	216	-.035	500
160 (50)	413.4	.5	.0	.183	4.6	.608	15.2	.126	1.27	3.6	85	115	3.0	102	207	-.035	500
165 (55)	413.3	.4	.1	.181	4.5	.609	15.3	.136	1.38	3.3	84	111	2.9	101	202	-.035	525
170 (1300)	413.3	.4	.0	.184	4.6	.606	15.2	.135	1.37	3.4	83	110	2.8	100	199	-.034	550
175 (05)	413.2	.3	.1	.185	4.6	.604	15.1	.138	1.40	3.3	83	108	2.8	100	196	-.034	550
TOTAL	-----	-----	-----	-----		-----		-----		-----	-----	-----	----	------	3124	-.510	------
180 (10)	413.2	.3	.0	.180	4.5	.609	15.3	.141	1.43	3.1	82	107	2.7	100	193	-.033	550
185 (15)	413.1	.2	.1	.183	4.6	.607	15.2	.144	1.46	3.1	82	107	2.7	100	190	-.032	550
190 (20)	413.1	.2	0	.177	4.4	.613	15.4	.145	1.47	3.0	81	106	2.6	99	188	-.032	550
195 (25)	413.1	.2	0	.178	4.4	.618	15.5	.124	1.25	3.6	81	105	2.6	99	185	-.030	550
200 (30)	413.0	.1	.1	.169	4.2	.623	15.6	.137	1.39	3.0	81	104	2.6	99	183	-.030	575
205 (35)	413.0	.1	.0	.162	4.0	.6226	15.7	.154	1.56	2.6	81	104	2.6	99	182	-.030	575
→ 210 (40)	412.9	.0	.1	.156	3.9	.631	15.8	.163	1.65	2.4	81	104	2.6	98	180	-.030	575
215 (45)															1301	-.217	
220 (50)															4425	-.727	÷43
225 (55)															16591	-2.364	
230 (1400)															386	-.055	
235 (1405)																	
TOTAL	-----	-----	-----	-----		-----		-----		-----	-----	-----	----	------			
TOTAL	-----	-----	-----	-----		-----		-----		-----	-----	-----	----	------			------

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PAGE 13 PREBURN DATA SHEET MANUFACTURER/MODEL Regency R6 RUN 3 DATE 10/30/90 PAGE 1 OF 1

TIME	SCALE WT	BURN RATE	STACK	TOP	LT SIDE	BACK	RT SIDE	BOTTOM	FIREBOX	SEC / CAT	AMBIENT	STATIC	COMMENTS
0 / MIN	416.9	—	608	977	579	206	561	398	1645	1203	73	-.075	PRIMARY AIR SET AT:
05 / 10	416.2	.7	585	884	586	179	568	407	1129	1097	73	-.074	4 3/4" ON ROD
10 / 15	415.7	.5	550	794	585	164	568	414	1097	1014	73	-.072	SECONDARY AIR SET AT:
15 / 20	415.1	.6	505	715	576	161	559	415	1104	932	72	-.068	N/A
20 / 25	414.9	.2	479	666	569	159	552	415	1109	878	72	-.066	FAN: ON HIGH
25 / 30	414.6	.3	449	612	557	162	542	413	1102	818	71	-.064	
30 / 35	414.4	.2	427	574	547	162	532	412	1098	773	71	-.062	
35 / 40	414.1	.3	433	544	538	163	521	403	1087	741	71	-.061	PUMPS ON AT: 0935
40 / 45	413.9	.2	426	523	528	165	511	396	1085	719	70	-.060	RAKED coals 10 sec
45 / 50	413.7	.2	439	518	520	168	502	401	992	732	70	-.060	CHECK WB/DB: 80/121
50 / 55	413.5	.2	430	514	509	166	489	409	971	722	69	-.060	
55 / 1000	413.3	.2	419	509	500	165	478	406	951	713	69	-.059	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
60 / 05	413.1	.2	413	503	494	161	471	418	942	707	69	-.059	
65 / 10	412.9	.2	408	490	481	150	455	410	942	700	69	-.059	397.2
70 / 15													
75 / 20													
80 / 25													
85 / 30													
90													

PAGE 1 TEMPERATURE DATA SHEET MANUFACTURER/MODEL Regency RL6 RUN 3 DATE 10/30/92 PAGE 1 OF 2

TIME	TOP	LT SIDE	BACK	RT SIDE	BOTTOM	FIREBOX	SEC / EXIT	AMBIENT	FURNACE	SAMPLE	INP OUT	C. GAS	GAS INP	SO2 INP	
0	490	481	150	455	410	942	700	69	1468	232	68	247	47	46	397.2
05	558	471	206	444	412	536	717	69	1470	243	51	248	48	47	
10	566	441	218	411	413	481	657	69	1463	249	51	255	48	48	
15	589	415	219	384	398	479	671	69	1456	248	42	249	49	49	
20	669	399	213	367	381	533	768	68	1449	249	38	252	50	49	
25	725	397	207	359	371	535	790	68	1454	250	38	253	50	50	
30	740	402	202	355	361	602	863	68	1457	249	37	254	51	51	
35	744	415	154	364	344	657	941	69	1461	249	37	261	52	51	
40	735	428	139	379	336	704	983	69	1465	247	42	247	53	52	
45	751	442	133	397	335	739	1027	70	1469	243	44	238	54	53	
50	759	451	127	411	334	828	1005	70	1473	241	45	233	55	53	
55	745	461	127	424	335	862	983	70	1462	239	46	230	55	53	
TOTAL	8871	5203	2095	4750	4430	7898	10105	828	.....	.....	.....	.....	.....	.....	.....
60	752	471	127	435	321	961	990	71	1456	238	47	234	56	53	
05	760	481	128	446	332	1034	1011	72	1449	237	47	237	57	53	
10	727	491	128	456	341	1026	962	72	1445	235	39	235	57	53	
15	689	495	131	465	334	1002	925	73	1441	236	39	236	58	53	
20	680	498	132	470	337	989	904	72	1438	236	40	236	57	53	
25	642	502	136	472	328	968	848	72	1437	237	41	238	57	54	
30	608	501	138	473	334	1004	818	72	1436	236	41	236	57	53	
35	586	497	140	475	327	1026	797	71	1448	237	42	232	56	52	
40	562	494	144	478	329	1053	787	71	1458	237	42	233	56	52	
45	529	494	154	481	294	1054	745	73	1467	236	42	234	57	53	
50	512	494	160	483	291	1072	730	74	1472	237	43	236	56	52	
55	495	491	166	484	286	1079	710	74	1468	237	43	233	57	53	
TOTAL	7542	5909	1684	5618	3854	12268	10227	867	.....	.....	.....	.....	.....	.....	.....
TOTAL	15613	11112	3779	10368	8284	20166	20332	1695	.....	.....	.....	.....	.....	.....	.....

PAGE 1 TEMPERATURE DATA SHEET MANUFACTURER/MODEL Regency 12-6 RUN 3 DATE 10/30/92 PAGE 2 OF 2

TIME	TOP	LT SIDE	BACK	RT SIDE	BOTTOM	FIREBOX	SEC / CAT	AMBIENT	FURNACE	SAMPLE	INP OUT	C. GAS	GAS INP	SO2 INP	397.2
120 1210	467	485	170	482	284	1072	674	75	1462	237	43	234	56	52	
125 15	445	478	173	479	279	1068	651	75	1459	237	43	232	56	52	
130 20	421	470	174	474	276	1042	618	75	1455	237	43	231	56	52	
135 25	397	460	175	468	277	1017	587	75	1451	237	44	227	56	52	
140 30	372	446	176	458	275	981	561	76	1450	236	44	224	55	52	
145 35	353	431	174	445	274	945	538	76	1447	236	44	221	55	52	
150 40	335	416	172	433	269	919	518	76	1444	235	45	220	55	52	
155 45	321	402	170	421	265	890	501	75	1441	235	45	219	54	51	
160 50	309	488	167	409	264	865	486	75	1440	236	45	216	54	52	
165 55	302	373	168	397	271	845	471	75	1436	235	45	217	54	51	
170 1300	298	362	168	388	273	775	463	75	1435	235	46	220	53	51	
175 05	292	350	167	377	271	756	458	75	1435	235	47	222	53	51	
TOTAL	4312	5161	2054	5231	3278	11175	6526	903	.....	.....	.....	.....	.....	.....	.....
180 10	286	338	167	367	263	748	449	74	1431	236	48	220	53	51	
185 15	284	336	167	367	261	744	444	74	1429	235	48	222	52	51	
190 20	284	334	166	366	260	737	439	74	1427	235	48	222	52	51	←
195 25	281	333	166	365	259	732	437	74	1424	234	49	222	52	50	
200 30	279	331	165	364	258	738	428	74	1422	235	49	222	52	50	
205 35	278	330	165	362	257	725	422	74	1422	213	49	222	52	51	
110 40	277	328	164	361	257	717	417	74	1422	200	47	222	51	50	
215 45	1969	2330	1160	2552	1815	5161	3036	518		AT START		397.2			÷43
220 50	6281	7491	3214	7783	5093	16336	9562	1421				277.4			
225 55	21894	18603	6993	18151	13377	36502	29894	3116				-119.8			
230 1400	509	433	163	422	311	849	695	72							
235 05															
TOTAL									.....	.....	.....	.....	.....	.....	.....
TOTAL									.....	.....	.....	.....	.....	.....	.....

4123

PAGE ___ GAS DATA SHEET MANUFACTURER/MODEL Rosemount K-6 RUN 2 DATE 10-29-92 PAGE 1 OF 1

TIME	SCALE	FUEL	DROP	v.	CO2	v.	O2	v.	CO	BAL	WET B	DRY B	%H2O	CAL NB	STACK	STATIC	SO2 PPM
0/1650	429.3	17.0	Ø	.230	5.8	.594	14.9	.091	.92	6.3	98	174	2.8	113	324	-.056	275
05/55	428.3	16.0	1.0	.443	11.1	.373	9.3	.041	.41	27.1	112	180	7.0	129	369	-.067	275
10/1700	427.4	15.1	.9	.464	11.7	.360	9.0	.028	.28	41.8	124	208	11.0	141	494	-.077	275
15/05	4255	13.2	1.9	.560	14.1	.2666	6.6	.018	.18	78.5	127	218	11.2	143	519	-.078	275
20/10	424.0	11.7	1.5	.608	15.3	.221	5.5	.021	.21	73.1	129	219	11.8	146	540	-.079	275
25/15	422.4	10.1	1.6	.603	15.2	.219	5.4	.060	.61	25.0	128	215	11.5	146	558	-.080	275
30/20	421.0	8.7	1.4	.591	14.9	.229	5.7	.038	.38	39.3	126	193	12.0	148	567	-.080	250
35/25	419.7	7.4	1.3	.584	14.7	.239	5.9	.012	.12	123	123	195	10.8	145	563	-.079	250
40/30	418.4	6.1	1.3	.556	14.0	267	6.6	.012	.12	117	123	195	10.8	144	548	-.079	250
45/35	417.3	5.0	1.1	.525	13.2	.297	7.4	.010	.10	132	120	190	9.2	141	527	-.079	250
50/40	416.4	4.1	9	.443	11.2	.379	9.5	.003	.03	372	116	186	8.5	139	496	-.078	250
55/45	415.6	3.3	-.8	.423	10.6	.404	10.1	.010	.10	106	113	182	7.3	134	459	-.076	250
TOTAL	-----	-----	-----	-----		-----		-----		-----	-----	-----	----	------	5964	-.968	-------
60/50	415.1	2.8	.5	.415	10.4	.416	10.4	.009	.09	115.6	110	177	6.1	131	437	-.075	250
65/55	414.6	2.3	.5	.367	9.2	.460	11.5	.011	.11	83.6	107	172	5.8	130	420	-.073	225
70/1800	414.1	1.8	.5	.359	9.0	.468	11.7	.011	.11	81.8	104	169	5.0	129	410	-.072	225
75/05	413.6	1.3	.5	.367	9.2	.456	11.4	.022	.22	41.8	104	168	5.0	128	412	-.072	225
80/10	413.4	1.1	.2	.327	8.2	.499	12.5	.017	.17	48.2	101	166	4.6	124	393	-.070	225
85/15	413.1	.8	.3	.284	7.1	.543	13.6	.020	.20	35.5	98	162	3.9	121	372	-.067	225
90/20	412.9	.6	.2	.264	6.6	.551	13.8	.051	.52	12.7	96	159	3.6	119	350	-.066	225
95/25	412.8	.5	.1	.256	6.4	.555	13.9	.059	.60	10.7	95	156	3.5	118	337	-.064	225
100/30	412.6	.3	.2	.255	6.4	.551	13.8	.070	.71	9.0	93	153	3.2	117	331	-.063	225
105/35	412.4	.1	.2	.236	5.9	.559	14.0	.097	.98	6.0	92	150	3.1	114	318	-.061	225
107/37	412.3	Ø	.1	.229	5.7	.571	14.3	.084	.85	6.7	92	150	3.1	113	311	-.061	225
															4091	-.744	÷23
TOTAL	-----	-----	-----	-----		-----		-----		-----	-----	-----	----	------	10055	-1.652	-------
TOTAL	-----	-----	-----	-----		-----		-----		-----	-----	-----	----	------	437	-.072	-------

V.E. 412.3 1 2

PAGE 13 PREBURN DATA SHEET MANUFACTURER/MODEL Regency R-6 RUN 2 DATE 10/29/92 PAGE 1 OF 1

TIME	SCALE WT	BURN RATE	STACK	TOP	LT SIDE	BACK	RT SIDE	BOTTOM	FIREBOX	SEC / CAT	AMBIENT	STATIC	COMMENTS
0 1500	432.1	—	652	820	388	179	408	291	1089	960	74	-.071	PRIMARY AIR SET AT: W/O
5 05	430.0	2.1	773	912	418	154	428	271	1121	1244	75	-.077	
10 10	427.5	2.5	760	994	421	149	427	291	1178	1292	77	-.077	SECONDARY AIR SET AT: N/A
15 15	424.9	2.6	738	1047	425	144	437	320	1118	1323	78	-.077	
20 20	422.3	2.6	713	1051	433	142	455	343	964	1286	76	-.077	FAN: High
25 25	420.0	2.3	707	1053	447	143	472	345	1017	1301	77	-.077	
30 30	418.6	1.4	701	1058	461	145	491	351	1094	1317	78	-.077	
35 35	417.4	1.2	754	1027	485	147	513	360	1299	1268	78	-.079	PUMPS ON AT: 1530
40 40	416.3	1.1	699	954	518	151	547	357	1213	1126	78	-.076	
45 45	415.8	.5	650	859	533	153	564	375	1220	969	77	-.073	CHECK WB/OB: 98/174
50 50	415.3	.5	591	766	553	154	583	403	1212	957	77	-.073	
55 55	415.0	.3	573	726	559	155	582	398	1213	922	77	-.071	STIR 15 SEC 1559
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
60 1600	414.6	.4	422	670	547	155	576	411	1144	878	77	-.069	
65 05	414.3	.3	418	657	543	151	569	413	1045	849	75	-.066	
70 10	414.0	.3	409	638	534	150	552	411	1000	824	73	-.067	
75 15	413.8	.2	364	606	521	150	534	400	979	790	73	-.066	
80 20	413.6	.2	341	562	508	152	517	400	960	747	72	-.065	STIR 15 SEC 1522
85 25	413.3	.3	348	527	494	151	501	389	915	746	72	-.064	
90 30	413.1	.2	359	551	481	150	483	395	921	771	71	-.064	
95 35	412.9	.2	354	556	472	149	471	380	918	754	70	-.063	
100 40	412.7	.2	340	538	465	148	462	368	891	725	68	-.063	
105 45	412.5	.2	331	518	457	147	453	367	876	701	68	-.062	
110 50	412.3	.2	324	499	452	148	447	360	856	660	68	-.056	381.2

PAGE 11 TEMPERATURE DATA SHEET MANUFACTURER/MODEL Regency R-6 RUN 2 DATE 10-29-92 PAGE 1 OF 1

TIME	TOP	LT SIDE	BACK	RT SIDE	BOTTOM	FIREBOX	SEC / ~~CAT~~	AMBIENT	FURNACE	SAMPLE	TOP OUT	C. GAS	GAS TOP	SO2 TOP	381.2
0 / 1650	499	452	148	447	360	856	660	68	1393	248	34	247	39	40	
05 / 55	587	435	191	429	361	600	882	67	1395	248	34	247	39	40	
10 / 1700	747	405	204	407	353	656	998	67	1399	248	34	247	39	40	
15 / 05	784	397	206	405	344	703	1060	67	1408	247	34	247	39	40	
20 / 10	869	403	207	413	352	779	1099	67	1424	247	34	246	39	40	
25 / 15	903	423	207	433	357	838	1167	68	1441	247	34	246	39	40	
30 / 20	962	442	207	453	357	925	1174	69	1444	247	34	246	39	40	
35 / 25	936	464	167	476	346	995	1173	70	1446	247	34	246	39	40	
40 / 30	896	492	153	497	343	1063	1125	71	1447	247	34	246	39	40	
45 / 35	861	525	147	518	361	1154	1094	70	1447	247	34	246	39	40	
50 / 40	821	546	150	533	361	1185	1060	70	1446	247	34	246	39	40	
55 / 45	780	560	150	547	352	1229	1027	70	1445	247	34	245	39	40	
TOTAL	9645	5544	2137	5558	4247	10983	12519	824	.....	.....	.....	.....	.....	.....	.....
60 / 50	732	563	152	555	347	1237	972	68	1443	246	34	244	39	40	
65 / 55	700	560	157	560	349	1224	938	68	1442	245	34	243	39	40	
70 / 1800	645	547	165	559	342	1217	868	67	1441	247	34	242	39	40	
75 / 05	608	543	169	557	345	1217	809	68	1440	247	34	241	39	40	AT START 381.2
80 / 10	568	511	168	552	341	1195	769	68	1439	247	34	240	39	40	STOP 387.2
85 / 15	551	539	169	549	341	1174	748	68	1438	247	34	240	39	40	+6.0
90 / 20	532	534	171	543	340	1159	736	68	1437	247	34	240	39	40	
95 / 25	507	523	168	533	334	1111	718	68	1436	248	35	239	39	40	
100 / 30	486	509	167	517	333	1077	698	67	1431	247	35	238	39	40	
105 / 35	465	497	166	502	335	1019	670	67	1432	247	35	238	39	40	
107 / 37	453	490	164	492	337	999	658	67	1431	247	35	238	39	40	
/	(6247)	(5846)	(1816)	(5919)	(3744)	(12129)	(8584)	(744)		÷23					
TOTAL	15892	11390	3953	11477	7991	23612	21103	1568	.....	.....	.....	.....	.....	.....	.....
TOTAL	(691)	(495)	(172)	(499)	(347)	(1027)	(918)	(69)	.....	.....	.....	.....	.....	.....	.....