

145HP

Enhanced Recovery Systems Inc. 7400 Series

Leroi HG1220M (127 mm.) Gas Screw Compressor Flow Table @ 2400 RPM

Pressure		Discharge Pressure									
		60	80	100	120	140	160	180	200	220	240
S	0	0.336	0.333	0.331	0.329	0.326	0.324	0.322	0.321	0.318	0.316
	10	40	47	56	65	74	83	93	103	111	125
U	20	0.581	0.576	0.572	0.568	0.565	0.561	0.557	0.554	0.551	*****
	30	44	50	60	69	79	86	97	106	115	*****
C	40	0.823	0.819	0.814	0.808	0.803	0.798	0.792	0.787	0.782	*****
	50	48	54	63	72	82	91	101	111	120	*****
T	60	1.069	1.062	1.055	1.048	1.041	1.034	1.028	1.021	1.014	*****
	70	53	58	67	76	85	94	104	114	124	*****
I	80	1.312	1.305	1.297	1.288	1.281	1.271	1.263	1.254	*****	*****
	90	56	62	71	80	89	98	107	117	*****	*****
O	100	1.555	1.547	1.538	1.528	1.518	1.508	1.498	1.488	*****	*****
	110	60	66	73	84	93	102	111	120	*****	*****
N	120	1.789	1.783	1.776	1.768	1.756	1.745	1.733	*****	*****	*****
	130	65	70	78	86	97	106	115	*****	*****	*****
	140	2.033	2.025	2.016	2.008	1.995	1.982	1.968	*****	*****	*****
	150	69	74	81	90	99	110	119	*****	*****	*****



- Above flowrates are calculated in mmscfd at 2400 RPM
- Calculations are based on 0.65 specific gravity at 2000 elevation and 200 degrees F discharge temp
- BRAKE HORSE POWER (Horse power ratings are based on 1200 BTU fuel gas)
- Compressor oil pump required for minimum differential . (optional equipment)
- Requires more horse power than standard 150 H.P. 7400 series.

For More Info Contact 1-888-742-5550