



Two Stage

Quincy QRNG Performance Tables for Two-Stage Gas Compressors

Compression ratio 4 to 25, maximum discharge pressure 400 psig

Data is based on 14.69 psia, 60 F, $k=1.26$, $SG=0.65$

Interstage Temperature = 160 F

NR=Not Recommended

QRNG - 325

Flow Rate (mcf/d) at 900 rpm

Inlet Pressure

Discharge Pressure

	100	150	200	250	300	350	400	450	500
0	28.1	27.4	26.5	25.9	25.2	24.4	NR	NR	NR
5	NR	37.5	36.8	36	35.3	34.6	33.8	NR	NR
10	NR	47.6	46.9	46.2	45.4	44.7	44	43.3	NR
15	NR	57.8	57	56.3	55.6	54.8	54.1	53.4	52.7
20	NR	67.9	67.2	66.4	65.7	65	64.2	63.4	62.6
25	NR	78	77.3	76.6	75.8	75.1	74.4	73.7	73
30	NR	NR	87.4	86.7	86	85.2	84.5	83.8	83.1

QRNG - 325

Power (HP) at 900 rpm, maximum 20 HP

Inlet Pressure**Discharge Pressure**

	100	150	200	250	300	350	400	450	500
0	4.3	5.1	5.5	5.8	6.1	6.2	NR	NR	NR
5	NR	5.9	6.6	7.1	7.5	7.7	7.9	NR	NR
10	NR	6.6	7.5	8.1	8.6	9	9.3	9.6	NR
15	NR	7.1	8.2	9	9.6	10.1	10.4	10.7	11.4
20	NR	7.5	8.7	9.7	10.4	11	11.5	12	12.5
25	NR	7.8	9.2	10.3	11.2	11.9	12.4	12.9	13.4
30	NR	NR	9.6	10.8	11.8	12.6	13.2	13.8	14.6