



Since 1966 Serving the Central Valley

**Associated Compressor
Gregory Straughan**
2708 E. Jensen Ave.
Fresno, CA 93706
559-485-3184 PH
559-485-3246 FX
559-260-5157 Cell
gstraughan@aceair.com

D.O.E. Airmaster Certified

Compressor Controls Efficiency Guide :

% of Compressor Capacity	Modulation % FL BHP	Geometry % FL BHP	On/Off Line w/1 gal/cfm % FL BHP	On/Off Line w/3 gal/cfm % FL BHP	On/Off Line w/5 gal/cfm % FL BHP	Variable Speed Drive % FL BHP
100	100.00	100.00	100.00	100.00	100.00	100.00
95	98.50	96.00	101.51	100.49	99.95	95.20
90	97.00	92.00	100.44	98.36	97.28	90.40
85	95.50	88.20	99.28	96.11	94.51	85.60
80	94.00	84.70	98.02	93.71	91.61	80.80
75	92.50	81.50	96.64	91.17	88.59	76.00
70	91.00	78.30	95.12	88.46	85.43	71.20
65	89.50	75.40	93.45	85.57	82.10	66.40
60	88.00	73.00	91.58	82.49	78.63	61.60
55	86.50	70.80	89.49	79.19	75.02	56.80
50	85.00	69.00	87.13	75.67	71.25	52.00
45	83.50	64.60	84.44	71.89	67.34	47.20
40	82.00	60.20	81.35	67.80	63.28	42.40
35	80.50	55.80	77.76	63.41	59.28	37.60
30	79.00	51.40	73.53	58.76	54.69	32.80
25	77.50	47.00	68.51	53.84	50.15	28.00
20	76.00	42.60	62.48	48.65	45.46	23.20
15	74.50	38.20	55.16	43.17	40.60	18.40
10	73.00	33.80	46.26	37.41	35.57	13.60
5	71.50	29.40	36.19	31.36	30.37	8.80
0	70.00	25.00	27.33	26.30	26.30	4.00

Compressed Air Challenge – Dept of Energy (D.O.E.)

Geometry/Lift Valves, Spiral Valves, Poppet Valves etc...