

## Sizing Air Supply

Pneumatic Piston Vibrators

Since most vibrator service is intermittent, air consumption is rarely a factor.

Installations requiring a large quantity of vibrators or units in a series normally operate only a few vibrators at any one given time. An over-sized header supply line or receiver tank in the operation area normally assures adequate air requirements from the existing supply. The Table below further explains proper pipe sizing for NAVCO Vibrators.

### MAXIMUM NUMBER OF VIBRATORS OPERATING @ 50 P.S.I.

PIPE SIZE MODEL	1/2 "	3/4 "	1 "	1-1/4 "	1-1/2 "	2 "
BH-1 "	14	24	40	68	91	158
BH-1-1/4 "	11	19	32	53	70	124
BH-1-5/8 "	6	10	18	30	40	71
BH-2 "	5	9	16	27	36	63
BH-3 "	4	7	12	19	26	45
BH-3"-L	3	5	9	16	21	37
BH-4 "	1	4	7	12	16	28
BH-5 "	1	2	4	7	9	17
BH-6 "	1	2	3	6	8	14
BH-8 "	—	1	3	5	7	12

Whenever possible, vibrators should be controlled using Solenoid Valves or Timers activated by input from flow indicators so that it operates only as required. See Bulletin 3000.103