

HOW TO ADJUST THE "CONTROL-A-FLO" UNIT

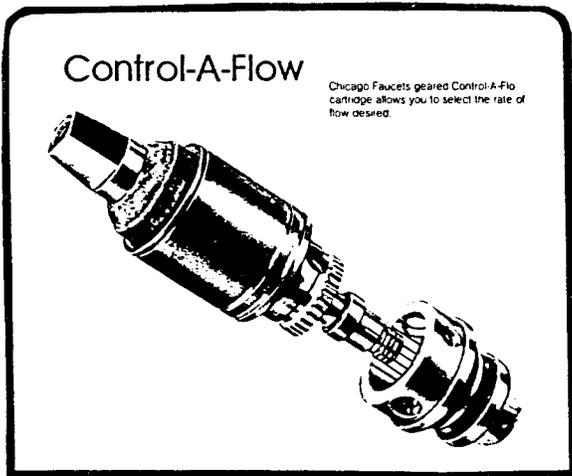
INSTRUCTION SHEET APPLIES TO UNIT NUMBERS: 1-99-245*, 1-100-245*, 377X245LH*, 377X245RH*, 1105X245LH* AND 1105X245RH*---QUATURN UNITS AND 217X245LH*, 217X245RH*, 274X245LH*, 274X245RH* AND 217XM245---SLO-COMPRESSION UNITS.

*ALSO AVAILABLE IN BH UNITS.

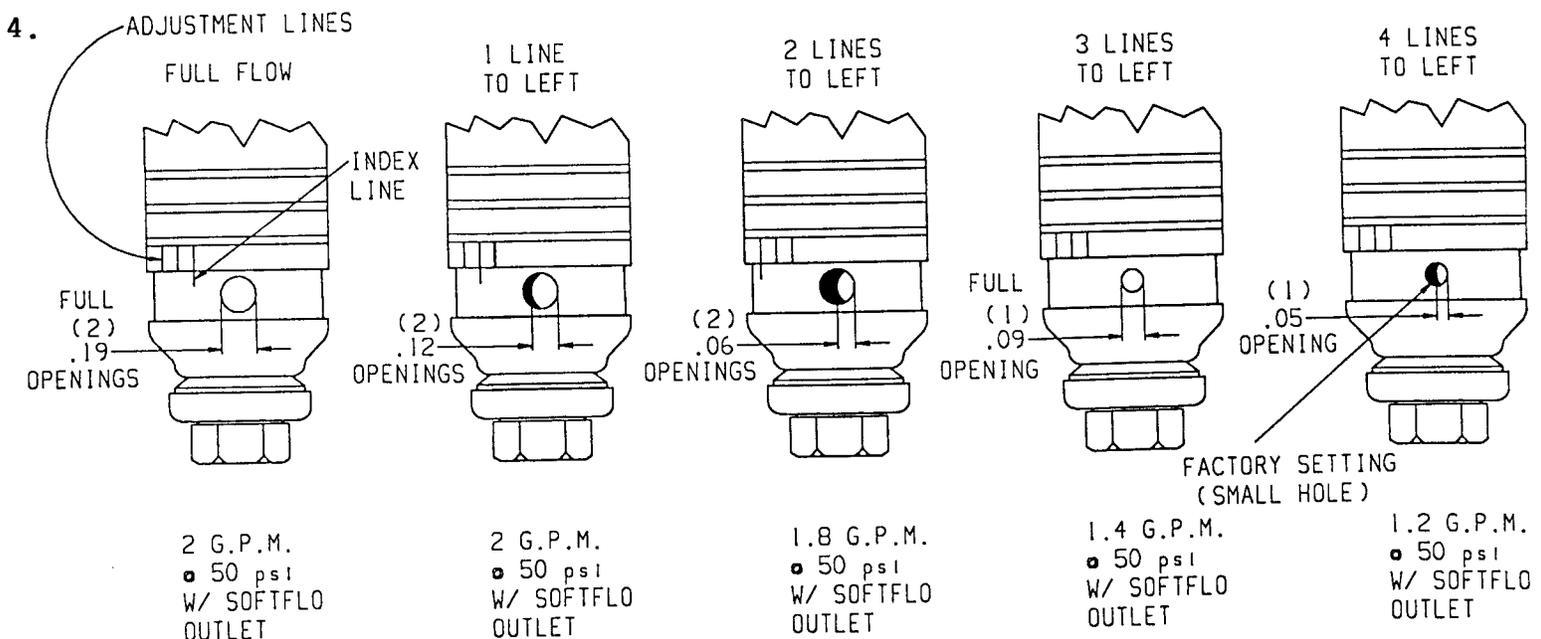
1. See diagram in paragraphs 3 and 4.

Unit upper sleeve has (5) vertical lines for convenience in regulating flow. (3) lines are located left of large hole. These are used for selecting the .19" large hole opening or reducing the size of .19" hole. There are also (2) lines located to the left of the (3) lines. These are used for the .09" hole opening or reducing the size of the .09" hole. Unit lower sleeve has (1) index line used for aligning with (5) upper sleeve lines to regulate for flow desired.

2. Unit is normally set at factory--aligned to give minimum flow. For example, @50 psi, plain outlet flow is approximately 1.5 G.P.M. With softflo outlet, flow is 1.2 G.P.M. For other adjustments see paragraph 4.

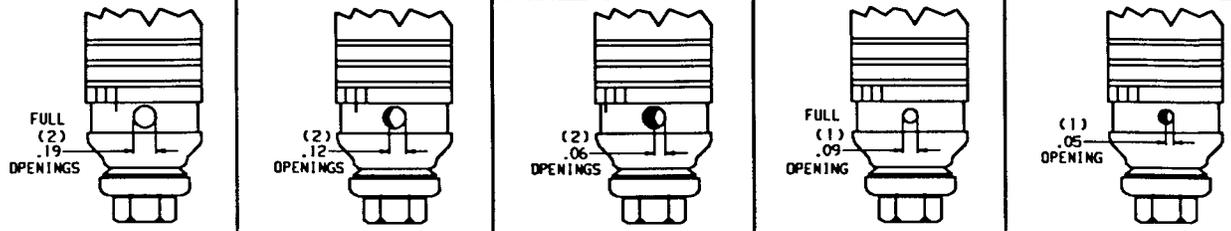


3. Unit at left is shown in exploded view. Move stem to open position to set lower sleeve (it is not necessary to disassemble unit). To adjust for large hole flow, rotate lower sleeve so that index line aligns with (1) of (3) lines for regulating flow through .19" holes. For further reduced flow, rotate counter clockwise to align index with (1) of (2) lines for regulating flow through .09" hole, then bring up sleeve in mesh tooth position and close unit.



(see other side for flow rates at other pressure conditions)

CAPACITY OF FITTINGS WITH "CONTROL-A-FLO" UNITS



COLD WATER ONLY. FLOW G.P.M. OF No. 802 WITH E14 OUTLET
AND "CONTROL-A-FLO" UNIT OPENINGS.

RUNNING PRESSURE	G.P.M.	G.P.M.	G.P.M.	G.P.M.	G.P.M.
20	4.1	3.4	2.1	1.5	.9
30	5	4.1	2.7	1.7	1.2
40	6.4	4.7	3.2	2	1.4
50	7	5.7	3.7	2.1	1.5
60	7.9	6	4.1	2.4	1.7
70	8.9	6.6	4.4	2.6	1.9
80	9.5	7.2	4.7	2.9	2
90	10	7.9	5.2	3.1	2.1
100	10.5	8.4	5.5	3.2	2.2

COLD WATER & HOT WATER G.P.M. OF No. 802 WITH E12
SOFTFLO OUTLET, AND "CONTROL-A-FLO" UNIT OPENINGS.

RUNNING PRESSURE	G.P.M.									
	COLD	H & C								
20	1.2	1.3	1.2	1.4	1.1	1.2	.9	1.2	.7	1.1
30	1.5	1.6	1.5	1.6	1.4	1.6	1	1.4	.9	1.3
40	1.9	2	1.9	2	1.6	1.9	1.1	1.6	1.1	1.5
50	2	2.1	2	2.1	1.8	2	1.4	1.7	1.2	1.7
60	2.4	2.5	2.4	2.5	2.1	2.4	1.5	2.1	1.3	1.8
70	2.5	2.7	2.5	2.7	2.2	2.5	1.6	2.2	1.4	2
80	2.7	2.9	2.6	2.9	2.4	2.6	1.7	2.4	1.5	2.2
90	2.9	3	2.9	3	2.5	2.7	1.8	2.5	1.6	2.4