



CONNECTION SIZES

A: _____ " SAME SIZE AS PUMP SELECTION
 B: _____ " SAME SIZE AS PRV

NOTES

- 1- Item 'K' (PRV) is standard. If item 'L' (check valve) is required please indicate selection.
- 2- 'C' (1/4" NPT) Provided on continuous run systems only. To be connected to drain by others.
- 3- 'M' & 'N' are provided on systems with adjacent mounted drawdown tanks.
- 4- Type L copper is suitable for 175 PSI (1207 kPa), Type K copper is suitable for 300 PSI (2068 kPa).

Maximum System Pressure: 175 PSI (1207 kPa) 300 PSI (2068 kPa)

COMMENTS

- Drawing 2403-010 is applicable for VIL pumps with suction size up to 4" (102 mm), 30 HP @ 3600 RPM and nominal impeller diameters up to 10" (254 mm). For other sizes consult factory for new drawing.
- For other Inlet/Outlet orientations consult factory for new drawing.
- Dimensions are based on factory choice standard components. For other than standard consult factory for new drawing.
- Tolerances are (+/-) 1/4" (6 mm) unless otherwise specified.
- All dimensions are in inches.

A	SUCTION CONNECTION	H	AQUASTAT (TEMPERATURE PROBE)
B	DISCHARGE CONNECTION	J	RUBBER ISOLATING CUSHION
C	SOLENOID VALVE (1/4" NPT)	K	PRESSURE REDUCING VALVE (PRV)
D	PUMP & MOTOR	L	CHECK VALVE ONLY (OPTIONAL)
E	CONTROL PANEL	M	CHECK VALVE (SEE NOTE 3)
F	BRONZE BALL VALVE	N	TEE (SEE NOTE 3)
G	PRESSURE GAUGE		

DRAWN BY SP	DATE 11/23/03	 ARMSTRONG PUMPS INC. NORTH TONAWANDA, NY 14120
CHECK GB	DATE 06/07/04	
ENGINEERING		
QUALITY ASSURANCE		
DRAWING TITLE 6711/2/3 - SIMPLEX DOMESTIC WATER BOOSTER		REV. A
MANUFACTURING		SCALE: NTS
DO NOT SCALE		WEIGHT:
		SHEET: 1 OF 1