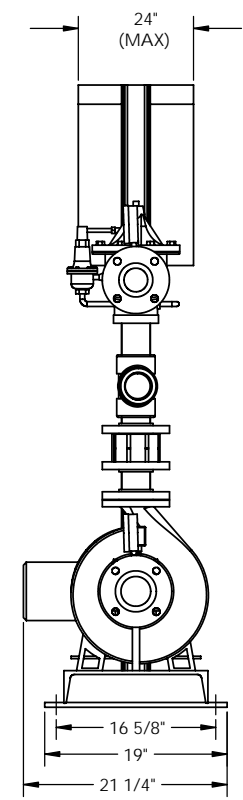


INCLUDED  
 PRV  CHECK VALVE

**CONNECTION SIZES**

A: \_\_\_\_\_ " SAME SIZE AS PUMP SELECTION  
 B: \_\_\_\_\_ " SAME SIZE AS PRV



**COMMENTS**

- Drawing 2401-010 is applicable for model 4280 pumps smaller than a 3x2.5x10 up to 30 HP@ 3600 RPM and PRV's up to 3". For other sizes consult factory for new drawing, if required.
- 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 (+/-) 1/2" unless otherwise specified.
- All dimensions are in inches.

**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, Type K copper is suitable for 300 PSI.

Maximum System Pressure:  175 PSI  300 PSI

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
E	CONTROL PANEL	M	CHECK VALVE (SEE NOTE 3)
F	BRONZE BALL VALVE	N	TEE (SEE NOTE 3)
G	PRESSURE GAUGE		

DO NOT SCALE

DRAWN BY	SP	DATE	11/18/03	ARMSTRONG PUMPS INC. NORTH TONAWANDA, NY 14120			
CHECK	GB	DATE	06/07/04				
ENGINEERING		DRAWING TITLE					
QUALITY ASSURANCE		6615 - SIMPLEX DOMESTIC WATER BOOSTER					
MANUFACTURING		SIZE	C	DRAWING NUMBER	2401-010	REV.	A
SCALE:		NTS	WEIGHT:	SHEET:		1 OF 1	