



WATER TREATMENT EQUIPMENT DOWNSTREAM OF THE CHEMICAL FEED PUMP INJECTION POINT WILL VARY, i.e. APPLICATION-SPECIFIC BASED UPON A WATER SAMPLE ANALYSIS. FOR EXAMPLE, A LOW PH APPLICATION REQUIRING ONLY INJECTING SODA ASH SOLUTION, i.e. NO CHLORINE BLEACH REQUIRED FOR DISINFECTION AND OXIDATION, WOULD NOT REQUIRE A RETENTION TANK.

THIS TYPICAL INSTALLATION IS BASED ON THE CHEMICAL FEED PUMP WIRED TO OPERATE WHEN THE WELL PUMP IS ON BY WIRING INTO THE WELL PUMP PRESSURE SWITCH. MAKE SURE THE VOLTAGE OF THE FEED PUMP MATCHES THE VOLTAGE OF THE WELL PUMP.

THE 100 SERIES DIAPHRAGM FEED PUMP SOLUTION INJECTION CAPACITY IS CONTROLLED BY THE PUMP'S % STROKE LENGTH ADJUSTMENT KNOB (0 TO 100% STROKE LENGTH). THE FEED PUMP IS ADJUSTABLE ONLY WHILE RUNNING; NEVER FORCE THE KNOB. DO NOT TURN THE ADJUSTMENT KNOB WHILE THE PUMP IS STOPPED.

LANCASTER WATER TREATMENT

LANCASTER PUMP DIVISION C-B TOOL COMPANY
1340 MANHEIM PIKE LANCASTER, PA. 17601

DWG.(PART)NAME
PRESSURE SWITCH CONTROLLED CHEMICAL FEED
WATER TREATMENT APPLICATION EXAMPLE

DRAWN BY APP'D BY <i>M.A.A.</i>	DATE 6-20-19	DWG.(PART)NO.
SIZE B	SCALE NA	CHEMFEED

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