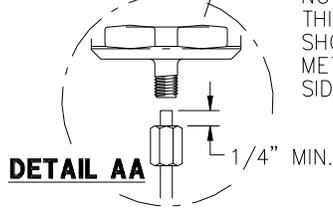


REFERENCE DRAWINGS	
ASSEMBLIES	NUMBER
VALVE BODY	9955-005-003
STOPS	9956-040-003
FIXTURE TRIM	9957-172-001
AIR-CONTROL SERVOMOTORS	
METERING	9955-000-002
NON-METERING	9955-001-002



NOTE:
THIS VALVE
SHOWN W/ -MH
METERING, HOT
SIDE ONLY.

INSTALLATION INSTRUCTIONS:

- A- PRIOR TO INSTALLATION OF THE FIXTURE, REMOVE ESCUTCHEONS ① FROM THE THREADED SLEEVES ②. INSTALL BUBBLER CONNECTION ③; LUBRICATE RUBBER SLEEVE ④. INSERT INTO HOLE IN FIXTURE, TIGHTEN NUT ⑤ UNTIL A WATERTIGHT SEAL IS ACHIEVED.
- B- INSTALL THE PLUMBING FIXTURE TO THE WALL; WHILE HOLDING FIXTURE AND ESCUTCHEONS ① IN PLACE, SCREW THREADED SLEEVES ② INTO ESCUTCHEONS FROM THE CHASE. TIGHTEN THE LOCKNUT ⑥ UP AGAINST THE INDIVIDUAL RECTANGULAR SUPPORT WASHERS ⑦.
- C- TO ADJUST PUSHBUTTON ASSEMBLY: LOOSEN THE LOCKNUT ⑥ AND ROTATE THE ADJUSTING SLEEVE ⑧ AS REQUIRED. WHEN PROPERLY ADJUSTED, THERE WILL BE NO PLAY AND ONLY MINOR TENSION AT THE BUTTON.
- D- MOUNT THE AIR-CONTROL VALVE ASSY. ⑨. LOCATE AS REQ'D. MAX. ALLOWABLE DISTANCE BETWEEN PUSHBUTTON AND AIR-CONTROL SERVOMOTOR IS 10 FEET. WALL FASTENERS BY OTHERS.
- E- CONNECT 1/8" OD POLYETHYLENE AIR LINES ⑩ TO DIAPHRAGM RETAINERS ⑪ AND SERVOMOTORS ⑫, HAND TIGHT. USE FERRULE NUTS PROVIDED. SEE DETAIL "AA".
NOTE: WHEN METERING VALVES ARE SPECIFIED THE AIR LINES CONNECT DIRECTLY TO THE TIMER ⑬.
- F- CONNECT 1/4" OD POLYETHYLENE WATER LINE ⑭ TO BUBBLER CONNECTION ③ COMPRESSION NUT ⑮ HAND TIGHT USING FERRULE NUTS PROVIDED.

- G- AFTER THOROUGHLY FLUSHING THE SUPPLY LINES, MAKE-UP SUPPLY CONNECTIONS (1/2" NPS FEMALE). (NOTE: SUPPLY INLET CONNECTION WILL ACCOMMODATE 1/2" NPT MALE ADAPTER). THREAD FLEX CONNECTOR HOSE ⑯ TO VALVE ⑫ INLET AND TO SUPPLY STUBOUTS.
- H- SEE APPROPRIATE SERVOMOTOR REFERENCE DRAWING FOR DETAILS AND TIMING INSTRUCTIONS.

NOTE:
MAXIMUM RECOMMENDED WORKING PRESSURE IS 100 PSI; TEMPERATURE IS 130°F; OUTLET TEMPERATURE IS RECOMMENDED AT A MAXIMUM OF 105°F.

WARNING:
PRIOR TO MAKING INSTALLATION, SUPPLY LINES MUST BE FLUSHED OF ALL FOREIGN MATERIAL SUCH AS PIPE DOPE, CHIPS, ETC. VALVE MUST BE DRAINED PRIOR TO BEING SUBJECTED TO FREEZING TEMPERATURES. MAXIMUM RECOMMENDED OUTLET WATER TEMPERATURE IS 105°F.



TITLE H & C PUSHROD OP AIR-CONTROL VALVE ASSY W/ INTEGRAL BUBBLER CAT #3383 - NEW STYLE		
MANUFACTURE DATE	DATE ISSUED	DRAWING NUMBER
SEPT 1995	11/1/95	9905-012-003
TO PRESENT	DATE REVISED	