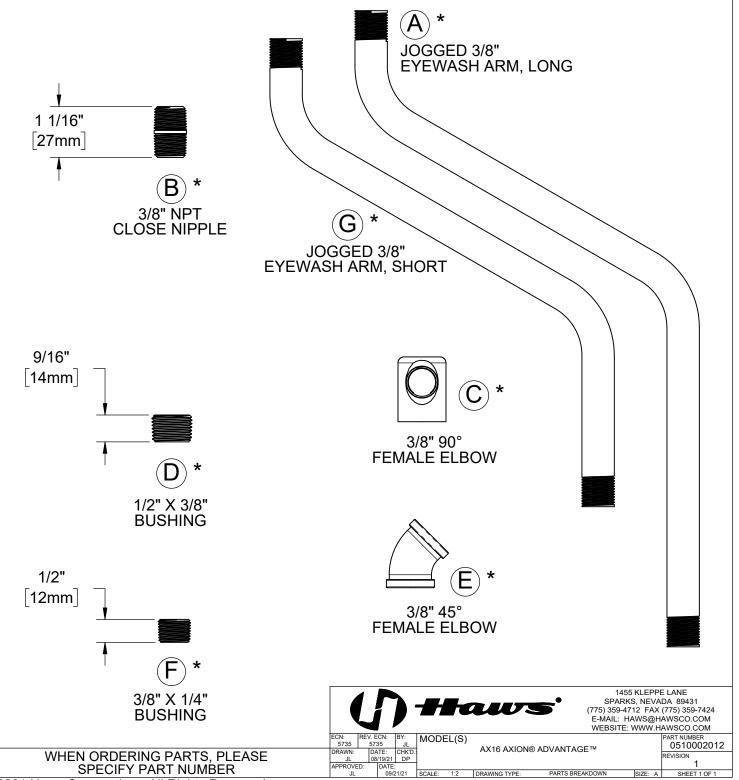
IMPORTANT: UNITS MUST BE FULLY TESTED AND CHECKED FOR ANSI COMPLIANCE USING ENCLOSED CHECKLIST AFTER UPGRADING THE INSTALLATION.

* NOTE CORRESPONDING LETTERS ON INSTALLATION DRAWING.

PARTS NOT SHOWN BUT SUPPLIED

- AXION EYE/FACE WASH ASSEMBLY
- MEASURING TAPE
- ANSI MIN. PERFORMANCE CHECKLIST
- EYEWASH GAUGE (IF PRESENT, REMOVE PAPER BACKING PRIOR TO USE)



- 1. REMOVE THE EXISTING EYEWASH OR SPRAY HEAD; FIND A SUITABLE CONNECTION FOR INSTALLING THE AXION HEAD.
 - THIS KIT CAN ACCOMMODATE THE EXISTING MODEL CONNECTION TYPES LISTED IN THE TABLE BELOW.
 - FOR VERTICALLY-MOUNTED HOSE PRODUCTS, INCLINE THE HEAD FORWARD WITH THE SUPPLIED 45° ELBOW.

EXISTING CONNECTION TYPE	HEAD ORIENTATION FROM CONNECTION POINT	TYPICAL USES	SEE SHEET
1/4" NPT MALE	45°	BRADLEY SQUEEZE VALVE DRENCH HOSES; OLDER HAWS DRENCH HOSES	2 OF 13
(~9/16" OUTSIDE DIAMETER)	90°	SPEAKMAN PULLDOWN DECK-MOUNT EYEWASHES	3 OF 13
3/8" NPT FEMALE	STRAIGHT	GUARDIAN DRENCH HOSES & DRENCH HOSE EYEWASHES W/ ANGLED MOUNTS; SPEAKMAN HOSE DRENCH HOSES & DRENCH HOSE EYEWASHES W/ ANGLED HEADS; BRADLEY PUSH FLAG LABORATORY EYEWASHES	4 OF 13
(~9/16" INSIDE DIAMETER)	45°	GUARDIAN & SPEAKMAN DRENCH HOSES & DRENCH HOSE EYEWASHES	5 OF 13
	90°		6 OF 13
	90° & EYEWASH ARM	DECK-MOUNTED EYEWASHES WHERE THE AXION HEAD MUST BE REPOSITIONED	7 OF 13
3/8" NPT MALE	45°	BRADLEY DRENCH HOSES & DRENCH HOSE EYEWASHES W/ SQUEEZE VALVES OR PUSH FLAGS	8 OF 13
(~11/16" OUTSIDE DIAMETER)	90°	VARIOUS GUARDIAN / BRADLEY / WATERSAVER / SPEAKMAN / OLDER HAWS LABORATORY EYEWASHES W/ PULLDOWN VALVES, SWING VALVES, OR PUSH FLAGS	9 OF 13
1/2" NPT FEMALE	STRAIGHT	SPEAKMAN LABORATORY EYEWASHES W/ SWING VALVES OR PUSH FLAGS	10 OF 13
(~3/4" INSIDE	45°		11 OF 13
DIAMETER)	90° & EYEWASH ARM		12 OF 13

- 2. CONSULT THE SHEET INDICATED IN THE TABLE.
 - ENSURE THAT THE AXION HEAD WILL DIMENSIONALLY COMPLY WITH ANY APPLICABLE REQUIREMENTS (E.G., ANSI & ADA).
 - ENSURE THAT THE AREA BENEATH THE HEAD IS SUFFICIENT TO CAPTURE ANY WATER EMITTED (REQUIRED AREA DEPENDS UPON INSTALLATION, BUT A 5" [127mm] RADIUS FROM THE CENTER OF THE HEAD IS RECOMMENDED).
 - EYE/FACE WASH STREAM HEIGHT IS DEPENDENT UPON INSTALLATION; IF FLOW IS PROHIBITIVELY LOW, CONTACT HAWS TECHNICAL SUPPORT (1-800-766-5612).
- 3. SEE THE FINAL SHEET FOR AXION FLOW CONTROL CLEANING INSTRUCTIONS.



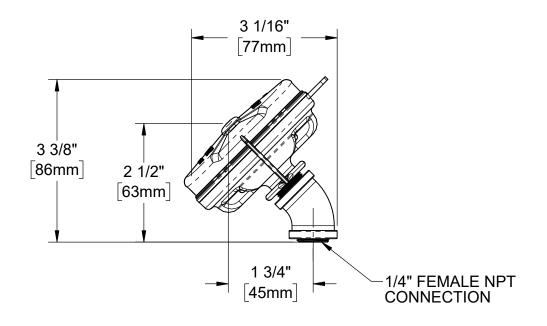
1455 KLEPPE LANE SPARKS, NEVADA 89431 (775) 359-4712 FAX (775) 359-7424 E-MAIL: HAWS@HAWSCO.COM

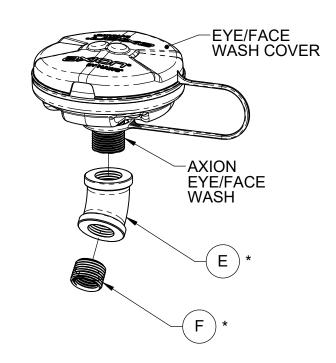
ECN: 5735 | REV. ECN: 5735 | BY | L | DRAWN: | DATE: | CHKD: | DRAWN: | 08/19/21 | DP

AX16 AXION® ADVANTAGE™

PART NUMBER 0510002012.D REVISION 1

RETROFIT TO 1/4" NPT MALE CONNECTIONS, WITH AXION HEAD 45° FROM CONNECTION





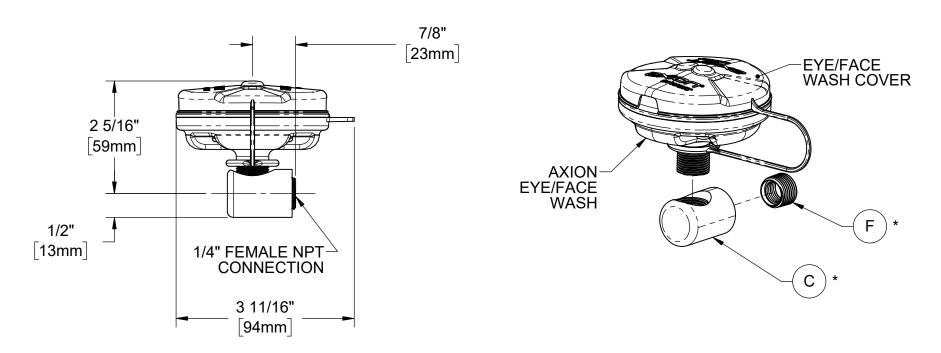
NOTES

NOT FOR USE ON ANY FREEZE RESISTANT UNITS. * NOTE CORRESPONDING LETTERS ON PARTS BREAKDOWN DRAWING.

- FLUSH SYSTEM TO REMOVE LINE DEBRIS PRIOR TO INSTALLING AXION HEAD.
- INSERT AXION SHANK THROUGH DUST COVER LOOP BEFORE CONNECTING FITTINGS.
 AXION HEAD IS ABS PLASTIC AND METALLIC FITTINGS ARE CHROME-PLATED. USE SUITABLE SEALANT(S) ON THREADS. TAKE CARE NOT TO CROSS THREAD THE AXION HEAD DURING INSTALLATION.
- ORIENT TAB ON AXION HEAD TOWARD BACK OF UNIT. DO NOT OVERTIGHTEN AXION HEAD THREADS. 4.
- FULLY TEST UNIT AND CHECK FOR ANSI COMPLIANCE USING ENCLOSED CHECKLIST AFTER UPGRADE IS COMPLETE. 5.



RETROFIT TO 1/4" NPT MALE CONNECTIONS, WITH AXION HEAD 90° FROM CONNECTION



NOTES

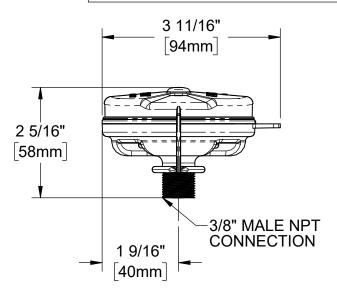
NOT FOR USE ON ANY FREEZE RESISTANT UNITS. * NOTE CORRESPONDING LETTERS ON PARTS BREAKDOWN DRAWING.

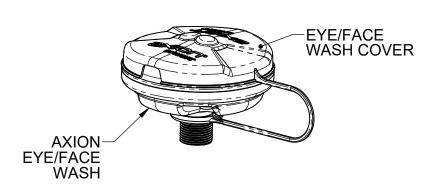
- FLUSH SYSTEM TO REMOVE LINE DEBRIS PRIOR TO INSTALLING AXION HEAD.
- INSERT AXION SHANK THROUGH DUST COVER LOOP BEFORE CONNECTING FITTINGS.
- AXION HEAD IS ABS PLASTIC AND METALLIC FITTINGS ARE CHROME-PLATED. USE SUITABLE SEALANT(S) ON THREADS.

 TAKE CARE NOT TO CROSS THREAD THE AXION HEAD DURING INSTALLATION.
- 4.
- ORIENT TAB ON AXION HEAD TOWARD BACK OF UNIT. DO NOT OVERTIGHTEN AXION HEAD THREADS. FULLY TEST UNIT AND CHECK FOR ANSI COMPLIANCE USING ENCLOSED CHECKLIST AFTER UPGRADE IS COMPLETE.



RETROFIT TO 3/8" NPT FEMALE STRAIGHT CONNECTIONS





NOTES

NOT FOR USE ON ANY FREEZE RESISTANT UNITS. * NOTE CORRESPONDING LETTERS ON PARTS BREAKDOWN DRAWING.

INSTALLATION INSTRUCTIONS

- FLUSH SYSTEM TO REMOVE LINE DEBRIS PRIOR TO INSTALLING AXION HEAD.
- INSERT AXION SHANK THROUGH DUST COVER LOOP BEFORE CONNECTING FITTINGS.
- AXION HEAD IS ABS PLASTIC. USE SUITABLE SEALANT ON THREADS.
 - TAKE CARE NOT TO CROSS THREAD THE AXION HEAD DURING INSTALLATION.
- ORIENT TAB ON AXION HEAD TOWARD BACK OF UNIT. DO NOT OVERTIGHTEN AXION HEAD THREADS. FULLY TEST UNIT AND CHECK FOR ANSI COMPLIANCE USING ENCLOSED CHECKLIST AFTER UPGRADE IS COMPLETE.

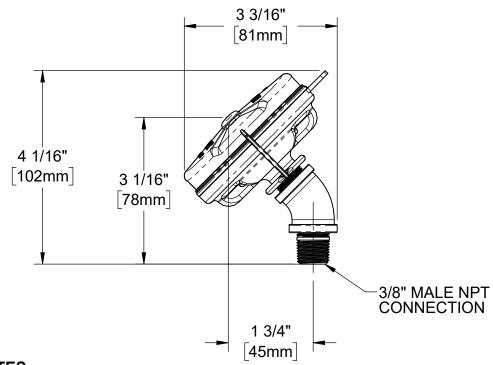


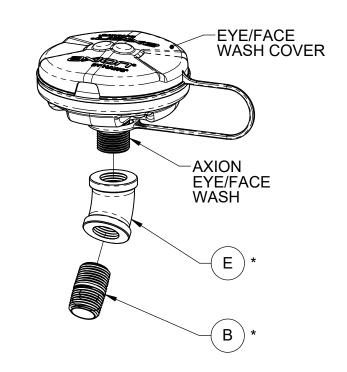
MODEL(S)

AX16 AXION® ADVANTAGE™

PART NUMBER 0510002012.D

RETROFIT TO 3/8" NPT FEMALE CONNECTIONS, WITH AXION HEAD 45° FROM CONNECTION





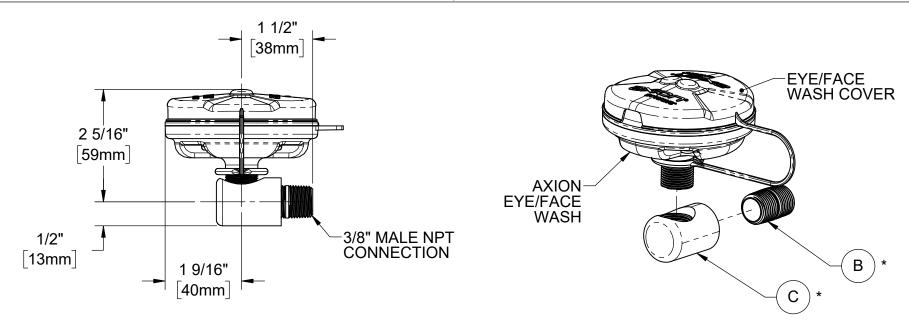
NOTES

NOT FOR USE ON ANY FREEZE RESISTANT UNITS.
* NOTE CORRESPONDING LETTERS ON PARTS BREAKDOWN DRAWING.

- 1. FLUSH SYSTEM TO REMOVE LINE DEBRIS PRIOR TO INSTALLING AXION HEAD.
- 2. INSERT AXION SHANK THROUGH DUST COVER LOOP BEFORE CONNECTING FITTINGS.
- ÄXION HEAD IS ABS PLASTIC AND METALLIC FITTINGS ARE CHROME-PLATED. USE SUITABLE SEALANT(S) ON THREADS.
 TAKE CARE NOT TO CROSS THREAD THE AXION HEAD DURING INSTALLATION.
- 4. ORIENT TAB ON AXION HEAD TOWARD BACK OF UNIT. DO NOT OVERTIGHTEN AXION HEAD THREADS.
- 5. FULLY TEST UNIT AND CHECK FOR ANSI COMPLIANCE USING ENCLOSED CHECKLIST AFTER UPGRADE IS COMPLETE.



RETROFIT TO 3/8" NPT FEMALE CONNECTIONS, WITH AXION HEAD 90° FROM CONNECTION



NOTES

NOT FOR USE ON ANY FREEZE RESISTANT UNITS. * NOTE CORRESPONDING LETTERS ON PARTS BREAKDOWN DRAWING.

- FLUSH SYSTEM TO REMOVE LINE DEBRIS PRIOR TO INSTALLING AXION HEAD.
- INSERT AXION SHANK THROUGH DUST COVER LOOP BEFORE CONNECTING FITTINGS.
- AXION HEAD IS ABS PLASTIC AND METALLIC FITTINGS ARE CHROME-PLATED. USE SUITABLE SEALANT(S) ON THREADS.

 TAKE CARE NOT TO CROSS THREAD THE AXION HEAD DURING INSTALLATION.
- ORIENT TAB ON AXION HEAD TOWARD BACK OF UNIT. DO NOT OVERTIGHTEN AXION HEAD THREADS. FULLY TEST UNIT AND CHECK FOR ANSI COMPLIANCE USING ENCLOSED CHECKLIST AFTER UPGRADE IS COMPLETE.

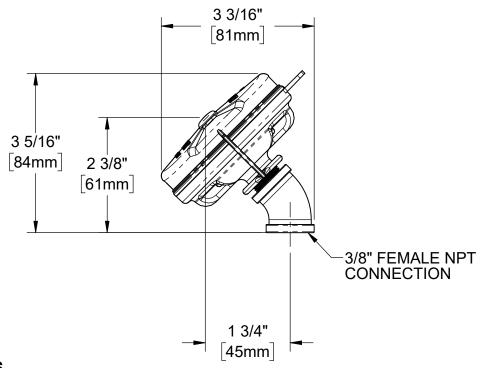


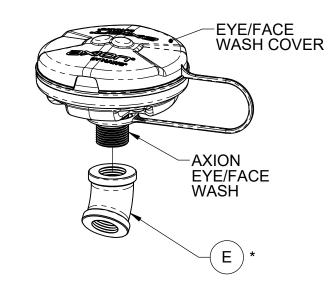
PAGE 8

유

RETROFIT TO 3/8" NPT FEMALE CONNECTIONS, WITH AXION HEAD AT 90° AND JOGGED **NOTES** EYE/FACE NOT FOR USE ON ANY FREEZE RESISTANT UNITS. **WASH COVER** * NOTE CORRESPONDING LETTERS ON PARTS BREAKDOWN DRAWING. INSTALLATION INSTRUCTIONS FLUSH SYSTEM TO REMOVE DEBRIS PRIOR TO INSTALLING HEAD. INSERT AXION SHANK THROUGH DUST COVER LOOP BEFORE **AXION** CONNECTING FITTINGS. EYE/FACE JOGGED BEND MAY BE REVERSED OR FLIPPED AS NEEDED. AXION HEAD IS ABS PLASTIC AND METALLIC FITTINGS ARE CHROME-**WASH** PLATED. USE SUITABLE SEALANT(S) ON THREADS. TAKE CARE NOT TO CROSS THREAD THE AXION HEAD DURING INSTALLATION. ORIENT TAB ON AXION 13 11/16" **HEAD TOWARD BACK** OF UNIT. DO NOT [347mm] **OVERTIGHTEN AXION** (SUBTRACT 3 1/2" [89mm] FOR (G)) HEAD THREADS. **FULLY TEST UNIT AND CHECK FOR ANSI COMPLIANCE USING ENCLOSED CHECKLIST** AFTER UPGRADE IS COMPLETE. 6 1/2" [165mm] 3 11/16" 94mm 3/8" MALE NPT 2 5/16" CONNECTION-[59mm] SPARKS, NEVADA 89431 (775) 359-4712 FAX (775) 359-7424 E-MAIL: HAWS@HAWSCO.COM 1/2" 1 9/16" MODEL(S) 0510002012.D AX16 AXION® ADVANTAGE™ 13mm 40mm

RETROFIT TO 3/8" NPT MALE CONNECTIONS, WITH AXION HEAD 45° FROM CONNECTION





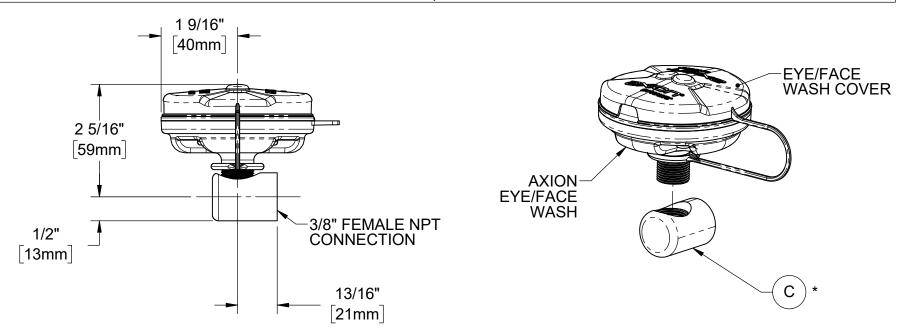
NOTES

NOT FOR USE ON ANY FREEZE RESISTANT UNITS. * NOTE CORRESPONDING LETTERS ON PARTS BREAKDOWN DRAWING.

- FLUSH SYSTEM TO REMOVE LINE DEBRIS PRIOR TO INSTALLING AXION HEAD.
- INSERT AXION SHANK THROUGH DUST COVER LOOP BEFORE CONNECTING FITTINGS.
 AXION HEAD IS ABS PLASTIC AND METALLIC FITTINGS ARE CHROME-PLATED. USE SUITABLE SEALANT(S) ON THREADS. TAKE CARE NOT TO CROSS THREAD THE AXION HEAD DURING INSTALLATION.
- ORIENT TAB ON AXION HEAD TOWARD BACK OF UNIT. DO NOT OVERTIGHTEN AXION HEAD THREADS. 4.
- FULLY TEST UNIT AND CHECK FOR ANSI COMPLIANCE USING ENCLOSED CHECKLIST AFTER UPGRADE IS COMPLETE. 5.



RETROFIT TO 3/8" NPT MALE CONNECTIONS, WITH AXION HEAD 90° FROM CONNECTION



NOTES

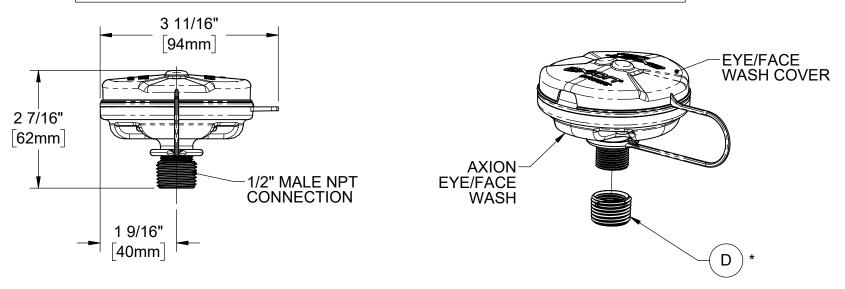
NOT FOR USE ON ANY FREEZE RESISTANT UNITS. * NOTE CORRESPONDING LETTERS ON PARTS BREAKDOWN DRAWING.

- FLUSH SYSTEM TO REMOVE LINE DEBRIS PRIOR TO INSTALLING AXION HEAD.
- INSERT AXION SHANK THROUGH DUST COVER LOOP BEFORE CONNECTING FITTINGS.
- AXION HEAD IS ABS PLASTIC AND METALLIC FITTINGS ARE CHROME-PLATED. USE SUITABLE SEALANT(S) ON THREADS.

 TAKE CARE NOT TO CROSS THREAD THE AXION HEAD DURING INSTALLATION.
- 4.
- ORIENT TAB ON AXION HEAD TOWARD BACK OF UNIT. DO NOT OVERTIGHTEN AXION HEAD THREADS. FULLY TEST UNIT AND CHECK FOR ANSI COMPLIANCE USING ENCLOSED CHECKLIST AFTER UPGRADE IS COMPLETE.



RETROFIT TO 1/2" NPT FEMALE STRAIGHT CONNECTIONS



NOTES

NOT FOR USE ON ANY FREEZE RESISTANT UNITS. * NOTE CORRESPONDING LETTERS ON PARTS BREAKDOWN DRAWING.

- FLUSH SYSTEM TO REMOVE LINE DEBRIS PRIOR TO INSTALLING AXION HEAD.
- INSERT AXION SHANK THROUGH DUST COVER LOOP BEFORE CONNECTING FITTINGS.
- AXION HEAD IS ABS PLASTIC AND METALLIC FITTINGS ARE CHROME-PLATED. USE SUITABLE SEALANT(S) ON THREADS.

 TAKE CARE NOT TO CROSS THREAD THE AXION HEAD DURING INSTALLATION.
- 4.
- ORIENT TAB ON AXION HEAD TOWARD BACK OF UNIT. DO NOT OVERTIGHTEN AXION HEAD THREADS. FULLY TEST UNIT AND CHECK FOR ANSI COMPLIANCE USING ENCLOSED CHECKLIST AFTER UPGRADE IS COMPLETE.



EYE/FACE WASH COVER

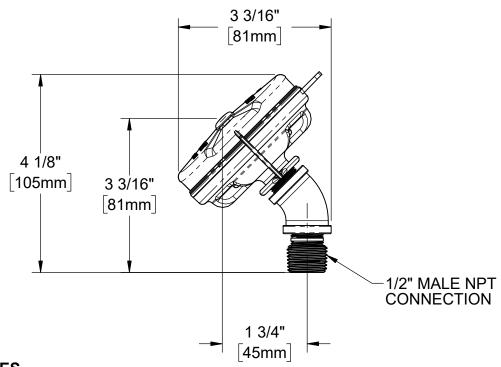
AXION

WASH

D

EYE/FACE

RETROFIT TO 1/2" NPT FEMALE CONNECTIONS, WITH AXION HEAD 45° FROM CONNECTION





NOT FOR USE ON ANY FREEZE RESISTANT UNITS.
* NOTE CORRESPONDING LETTERS ON PARTS BREAKDOWN DRAWING.

- 1. FLUSH SYSTEM TO REMOVE LINE DEBRIS PRIOR TO INSTALLING AXION HEAD.
- 2. INSERT AXION SHANK THROUGH DUST COVER LOOP BEFORE CONNECTING FITTINGS.
- ÄXION HEAD IS ABS PLASTIC AND METALLIC FITTINGS ARE CHROME-PLATED. USE SUITABLE SEALANT(S) ON THREADS.
 TAKE CARE NOT TO CROSS THREAD THE AXION HEAD DURING INSTALLATION.
- ORIENT TAB ON AXION HEAD TOWARD BACK OF UNIT. DO NOT OVERTIGHTEN AXION HEAD THREADS.
- 5. FULLY TEST UNIT AND CHECK FOR ANSI COMPLIANCE USING ENCLOSED CHECKLIST AFTER UPGRADE IS COMPLETE.



PAGE

 $\frac{1}{3}$

유

RETROFIT TO 1/2" NPT FEMALE CONNECTIONS, WITH AXION HEAD AT 90° AND JOGGED **NOTES** EYE/FACE NOT FOR USE ON ANY FREEZE RESISTANT UNITS WASH COVER * NOTE CORRESPONDING LETTERS ON PARTS BREAKDOWN DRAWING. INSTALLATION INSTRUCTIONS FLUSH SYSTEM TO REMOVE DEBRIS PRIOR TO INSTALLING HEAD. INSERT AXION SHANK THROUGH DUST COVER LOOP BEFORE AXION CONNECTING FITTINGS. EYE/FACE JOGGED BEND MAY BE REVERSED OR FLIPPED AS NEEDED. AXION HEAD IS ABS PLASTIC AND METALLIC FITTINGS ARE WASH CHROME-PLATED. USE SUITABLE SEALANT(S) ON THREADS. • TAKE CARE NOT TO CROSS THREAD THE AXION HEAD DURING INSTALLATION. ORIENT TAB ON AXION 13 13/16' **HEAD TOWARD BACK** 351mm OF UNIT. DO NOT **OVERTIGHTEN AXION** (SUBTRACT 3 1/2" [89mm] FOR (G) HEAD THREADS. **FULLY TEST UNIT AND** 6. **CHECK FOR ANSI COMPLIANCE USING ENCLOSED CHECKLIST** AFTER UPGRADE IS COMPLETE. 6 1/2" 165mm 3 11/16" 94mm 1/2" MALE NPT CONNECTION 2 5/16" 59mm SPARKS, NEVADA 89431 (775) 359-4712 FAX (775) 359-7424 E-MAIL: HAWS@HAWSCO.COM 1/2" 1 9/16" MODEL(S) 0510002012.D 13mm AX16 AXION® ADVANTAGE™ 40mm

