DIMENSION CHART -- STANDARD SIZES

SIMPLIPORT PART NO.	NO. OF WINDOW UNITS	VISION A		MIN. WATER GAGE CENTERS FOR VALVE SERIES INDICATED B				BODY D		E		F (MIN)			
				403RS 404RS		SG860 SG854						403RS 404RS		SG860 SG854	
		INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM
P3005	5	10 1/4	(260)	17 3/4	(450)	21	(533)	11 7/8	(301)	12 3/4	(323)	10 3/16	(258)	10 3/8	(263)
P3006	6	12 5/8	(320)	20 1/8	(511)	23 3/8	(593)	14 1/4	(361)	15 1/8	(384)	11 3/8	(288)	11 9/16	(293)
P3007	7	15	(381)	22 1/2	(571)	25 3/4	(654)	16 5/8	(422)	17 1/2	(444)	12 9/16	(319)	12 3/4	(323)
P3008	8	17 3/8	(441)	24 7/8	(631)	28 1/8	(714)	19	(482)	19 7/8	(504)	13 3/4	(349)	13 15/16	(354)
P3009	9	19 3/4	(501)	27 1/4	(692)	30 1/2	(774)	21 3/8	(542)	22 1/4	(565)	15 1/16	(382)	15 1/4	(387)
P3010	10	22 1/8	(561)	29 5/8	(752)	32 7/8	(835)	23 3/4	(603)	24 5/8	(625)	16 1/8	(409)	16 5/16	(414)

TO BE SPECIFIED BY CUSTOMER		
SIMPLIPORT PART NO.	B	F
ILLUMINATOR PART NO.	HOOD PART NO.	

BILL OF MATERIAL

ITEM	PART NO.	QTY	DESCRIPTION	MATERIAL	DWG. NO.
1	P300*	1	BODY-WELDED ASSEMBLY	STN. STL.	B-14312
2	PW-61	2	MODULE RETAINER	STN.STL.	A-9871
3	PW-77	2	SEALING GASKET	MONEL	A-9865
4	PW-17	2	MICA SHIELD	MICA	PS7008-A
5	PW-18	2	GAGE GLASS	GLASS	A-10419
6	PW-63	2	CUSHION GASKET	COPPER	A-16020
7	PW-64	2	LUG WASHER	STN. STL.	A-10285
8	PW-40	2	SPRING RETAINER	STN. STL.	PS7003-A
9	PW-66	4	SPRING WASHER	STN. STL.	
10	PW-65	2	PACKING NUT	STEEL	PS7156-A
11	X172125	4	HEX-WASHER HD. SCR. 5/16-18 x 1/2	STN. STL.	

NOTES:
-- * TO COMPLETE PART NO. ADD NO. OF WINDOW UNITS
-- ITEMS 2 THRU 10 FORM ONE COMPLETE ASSEMBLY OF SINGLE WINDOW UNIT
-- ITEMS 2 THRU 7 COMPRISE A REPLACEMENT PACKAGE CALLED A MODULE, TO BE ORDERED AS PART NO. PW-24BR (SEE EXPLODED VIEW)
-- ITEMS 8 THRU 10 COMPRISE A PACKING NUT ASSEMBLY, TO BE ORDERED AS PART NO. PW-68 (SEE EXPLODED VIEW)
-- ASSEMBLY OF ILLUMINATOR & HOOD ON GAGE REF. DWG. AB-14916

NOTE: UNCONTROLLED COPY LOCATED IN WELD DEPARTMENT

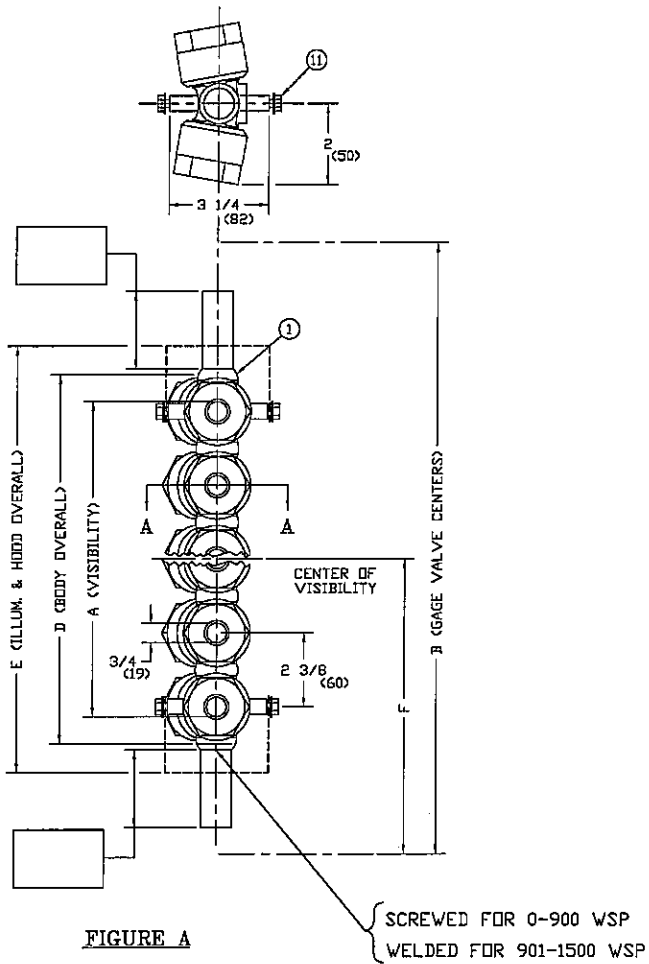
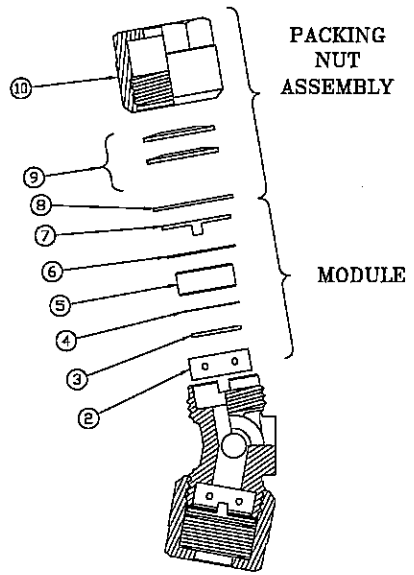


FIGURE A

FOR NIPPLE CONNECTION (1500 PSI MAX) (10345 KPa MAXIMUM)



SECTION A-A

EXPLODED VIEW OF SINGLE WINDOW UNIT

ITEM	PART NO.	DWG. NO.
SIMPLIPORT ILLUMINATORS:		
STANDARD	PI*	B-9131
WEATHERPROOF	PIW*	B-9133
EXPLOSION-PROOF	PIW*EP	B-10034
SIMPLIPORT HOODS:		
OPEN-END WEATHERPROOF	PHOW*	1-15-62
DIRECT-VISION WEATHERPROOF	PHDW*	B-10547
PERISCOPE-WEATHERPROOF	PHPW*	B-9133
PERISCOPE-WEATHERPROOF WITH SOCKET DUCT	PHPWS*	B-9134
PERISCOPE-WEATHERPROOF WITH FLANGED DUCT	PHPWF*	B-9134

DIMENSIONS IN INCHES
DIMENSIONS IN ( ) MILLIMETERS

PATENT NO. 3,187,573
HYDROTEST AT 2250 PSI (15518 KPa)

REV	DESCRIPTION	DATE	SIG
17	UPDATED MODULES AND NUTS	5/25/04	ST
16	ADD PW-74 GASKET RETAINER	4-11-01	FAS
15	REDRAWN PER CDC 95-127	8-15-95	BSL

REVISIONS

UNLESS OTHERWISE NOTED
TOLERANCES (±)
DECIMAL & STOCK (.002)
FIN. FRACTIONAL (UP TO 1", NOT INCL.) (.010)
FIN. FRACTIONAL (1" INCL., UP TO 3") 1/64
FIN. FRACTIONAL (3" INCL., UP TO 6") 1/32
FIN. FRACTIONAL (6" INCL., UP TO 12") 1/16
FIN. FRACTIONAL (12" & OVER) 1/8
ANGLES 1°
MACHINE FINISH- 125√ OR SMOOTHER
REMOVE BURRS AND SHARP EDGES

CLARK-RELIANCE CORP.
STRONGSVILLE, OHIO, U.S.A.

MATERIAL: SEE INDIVIDUAL PART DRAWINGS

DRAWN BAC | SCALE NONE
CHKD. | DATE 1/15/96

SIMPLIPORT GAGE ASS'Y 0-1500 WSP

DRAWING NO. B-9130 | REV. 17