

Test Report TR026390-14N-SEI – UUT6

6" Surefire Double interlock
Cabinet w/ Control Panel
77" H X 46" W X 31" D
Weight: 1520 lbs
Floor Mounted with (4) – ½" – 13 grade 5 bolts



Building Code	Test Criteria	S _{DS} (g)	z/h	Horizontal		Vertical	
				AFLX-H	ARIG-H	AFLX-V	ARIG-V
CBC 2016	ICC-ES AC 156	2.22	1	2.55	2.66	1.50	0.59
Natural Frequencies				Results			
F-B	S-S	V	The test maintained system integrity and functionality during the AC156 test. UUT functioned as intended during testing.				
5.4 Hz	7.8 Hz	-					

Internal Components	Manufacturer	Part #
6" Deluge valve		11524
6" Easy riser swing check valve		08513
Pneumatic actuator	Viking Corp.	
½" Solenoid valve 24 VDC/NC		01
Drip check del. and flow valve		10730
Pressure operated relief valve	Viking Corp.	16970
¼" x 0.62" Restriction orifice		10
½" Swing check valve with 0.6"		781A
¼" Spring loaded check valve	Viking Corp.	4947A
PS10-1 Single pressure switch	Potter Electric	1340101
6" Main pipe	Flex	T3PIPPMA60
6" Drain pipe	Flex	T3PIPPDR60
6" Grooved butterfly valve		GD4765-8N
¼" Ball valve – brass, 2-piece, full port, NPT x NPT		T-FP-600A, NL998H4
½" Ball valve – brass, 2-piece, full port, NPT x NPT		T-FP-600A, NL998H6
¾" Ball valve – brass, 2-piece, full port, NPT x NPT	Nibco	T-FP-600A, NL998H8
2" Ball valve – brass, 2-piece, full port, NPT x NPT	Nibco	T-FP-600A, NL998HD
¼" 600 WOG FP NPT Forged brass ball valve	KVC industries	F-1, 100T
½" 600 WOG FP NPT Forged brass ball valve	KVC industries	F-1, 100T
2" 600 WOG FP NPT Forged brass ball valve	KVC industries	F-1, 100T
¼" NPT Water gauge kilo 0-300 psi/kPa	Wika	50021214
¼" NPT Air gauge kilo 0-80 and 250 psi/kPa	Wika	4279931
Emergency release assembly	FireFlex	T3EMERG001
Control Panel	Viking Corp.	VFR-400
Batteries 12V 12 Ah	Power Max	SB 12120
Batteries 12V 12 Ah	Enerwatt, AGM Series	WP12-12
1 hp Air compressor manual 120/220V 60Hz	General Air Products	OL615100A
Pressure switch	Furnas	69HA3
½" Spring loaded check valve for air compressor	Swagelock	B-8CP2-1/3
½" Float check valve for air compressor	Viking Corp.	A-1 10883
PS10-1 Switch 10-175 psi	Potter Electric	1340103
PS40-2 Switch 10-175 psi	Potter Electric	1340404

