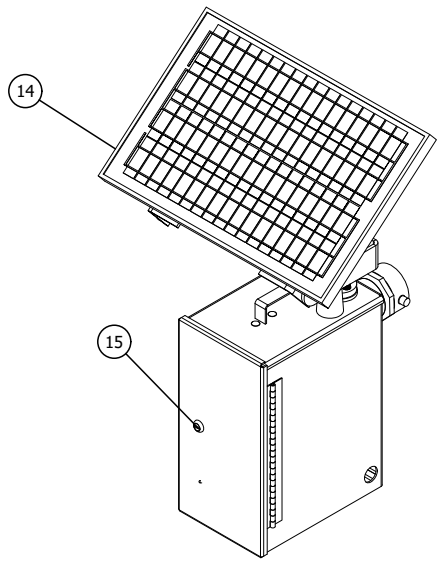
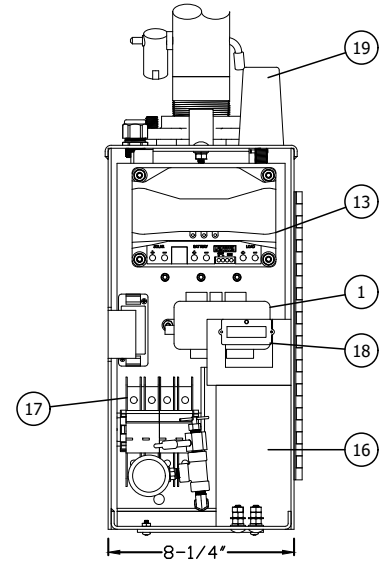


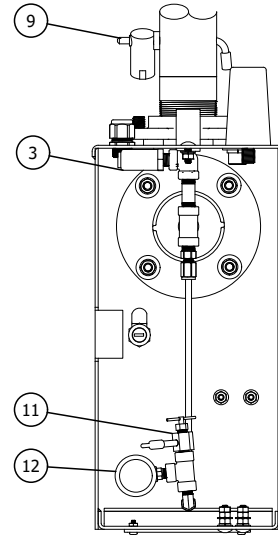
#9250i PRESSURE MONITORING: PORTABLE PRESSURE MONITORING STATION - SPEC SHEET



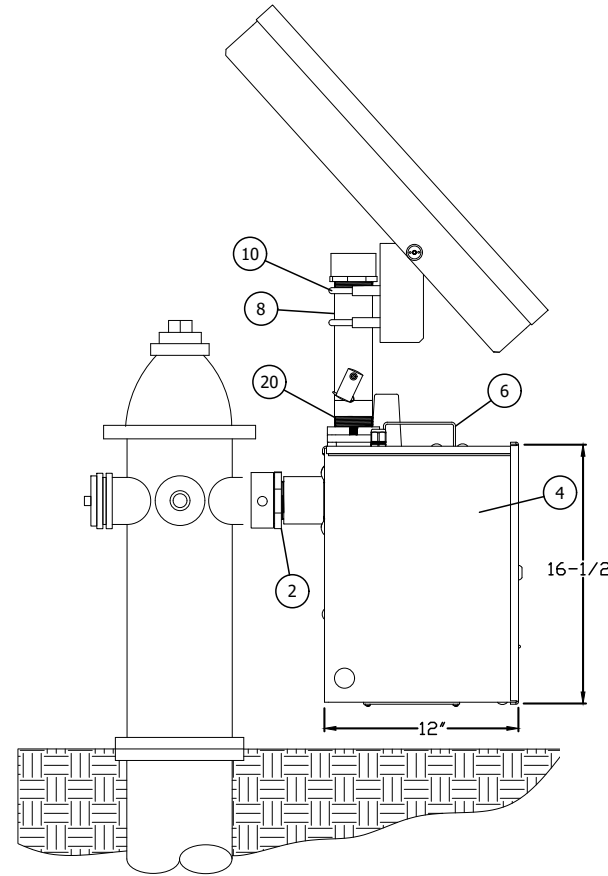
A ISO VIEW - 20 WATT PANEL
Scale: 1"=1'-0"



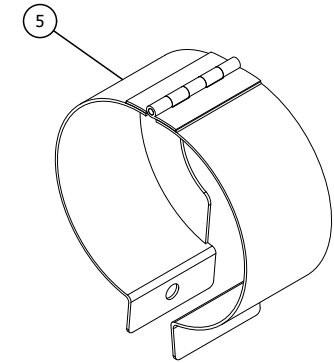
1 DETAIL VIEW - CONTROL ENCLOSURE
Scale: 1 1/2"=1'-0"



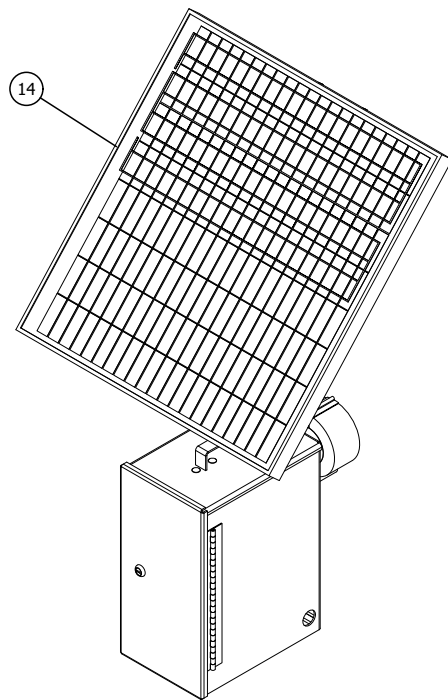
2 DETAIL VIEW - WATER WAY
Scale: 1 1/2"=1'-0"



3 SIDE VIEW - FIRE HYDRANT MOUNT
Scale: 1"=1'-0"



4 ISO - COLLAR LOCK
Scale: 3"=1'-0"



B ISO VIEW - 55 WATT PANEL
Scale: 1"=1'-0"

Portable Pressure Monitoring Station shall be installed in the following location(s): _____

Station shall be a portable remote intelligent monitoring station, which can be installed onto any hydrant utilizing a 2-1/2" NST connection, for water pressure monitoring. A petcock shall be installed in the unit, for the purposes of acting as a dedicated water quality sampling point and shall be used to bleed the air from the hydrant barrel as the water is turned on.

The station shall be enclosed in lockable powdercoated aluminum enclosure. (Specify RED or YELLOW upon ordering). Unit shall come standard with a lockable collar lock to convert the 2-1/2" swivel to prevent any tampering with or removal of the device.

Station shall be powered by via a 24 VDC, 23 Amp Hour Lithium Ion battery, and shall utilize a battery capacity gauge for easy indication of the battery charge. The batteries shall be charged via a solar panel which shall be mounted to a 2" S.S. pipe which shall attach to a PVC mounting base on top of the enclosure and lock via a pin lock. There shall be two options for the solar panel: an all season 26" x 25" 55 watt panel, or a 3 season 22" x 14" 20 watt solar panel. The user may also elect to use the station without a solar panel, but will have to charge the batteries with the supplied charger around once a week. Two 2 pole 10 Amp circuit breakers shall be used to allow disconnection of the solar panel and the battery. The solar package is sized for all components as designed. If the hydrant is upgraded to include other components, Kupferle should be contacted regarding the electrical load intended to be powered off the solar package.

Unit model # shall be 9250i-WC-WS-X-*-* with *'s specified in accordance with the product ordering guide on the specification sheet as manufactured by Kupferle Foundry Company, St. Louis MO, or approved equal.

i-SERIES PRODUCT ORDERING GUIDE																
MODEL#	9250i	-	WC	-	WS	-	X	-	S	-	R	-	LG	-	-	-
SUBSECTION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
SUBSECTION DESCRIPTION	MODEL #	SUBSECTION	OPTIONS	DESCRIPTIONS												
MODEL	1	9250i		REMOTE INTELLIGENT MONITORING STATION - PORTABLE												
CLIMATE	2	WC		WARM CLIMATE												
POWER	3	WS		WARM CLIMATE SOLAR WITH LITHIUM ION BATTERY												
DEPTH OF BURY	4	X		N/A												
CELLULAR DATA	5	X		NONE												
		S		VERIZON												
		T		T-MOBILE												
COLOR	7	R		RED												
		Y		YELLOW												
		X		NONE												
BUILD OPTIONS	8	SM		SOLAR PANEL (22" x 14")												
		LG		ALL SEASON SOLAR PANEL (26" x 25")												

ELECTRICAL SPECIFICATIONS	
VOLTAGE:	24 VDC
BATTERY SIZE:	23 AMP HOURS
OTHER SPECIFICATIONS	
MAX PRESSURE:	220 PSI
WEIGHT:	~40 LBS
MINIMUM TEMPERATURE DESIGN:	5°C OR 41°F
CERTIFICATIONS:	ARRA, NSF/ANSI 372
WETTED MATERIALS:	LOW LEAD BRASS, 316SS, 303SS

OTHER SPECIFICATIONS AVAILABLE UPON REQUEST

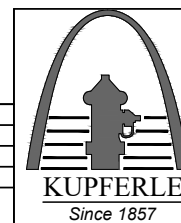
ITEM	DESCRIPTION
1	SEALEVEL TRANSMITTER
2	2-1/2" NST BRASS SWIVEL
3	PRESSURE SENSOR
4	LOCKABLE ALUMINUM ENCLOSURE
5	COLLAR LOCK
6	HANDLE
7	ACCESS DOOR
8	2" PIPE FOR SOLAR PANEL MOUNT
9	PIN LOCK
10	U-BOLTS
11	SAMPLING POINT
12	DIAL PRESSURE GAUGE
13	SOLAR CONTROLLER
14	SOLAR PANEL
15	CAM LOCK
16	LI-ION BATTERY
17	CIRCUIT BREAKERS
18	BATTERY CAPACITY GAUGE
19	ANTENNA
20	PVC MOUNTING BASE

NOTES	
A	NOT ALL WIRES AND PIPING SHOWN FOR CLARITY PURPOSES.
C	SOLAR PANEL SHALL BE PROPERLY MAINTAINED TO ALLOW FOR MAXIMUM SOLAR CHARGING HOURS.
F	CUSTOMER SHALL GROUND THE SOLAR PANEL TO PROTECT THE USER AND THE UNIT FROM POTENTIAL ELECTRICAL SHOCK AND/OR LIGHTNING DAMAGE.
G	ITEM TO BE PROVIDED BY OTHERS.

DATE	STATUS / REVISION
10/12/21	UPDATED
07/30/21	NEW RELEASE

#9250i PORTABLE SPEC SHEET

	INITIALS	DATE
DRAWN	KJW	07/30/21
APPROVED	DCL	07/30/21
MODIFIED	DCL	10/12/21



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