



# *Eclipse i-Series #9200i*



Permanent Intelligent  
Remote Pressure  
Monitoring Station

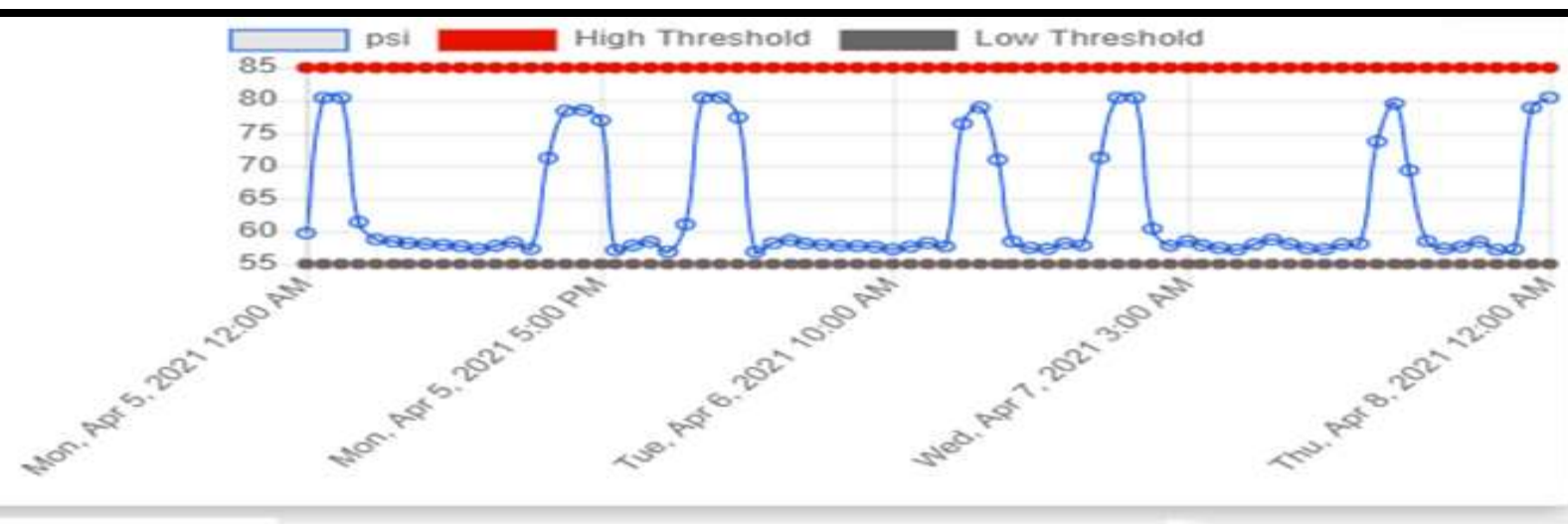
The Intelligent Solution for Water Distribution Systems  
**ECLIPSE**™  
*i series*

## What Does It Do?

- Remotely monitors and transmits pressure levels
- Can be deployed nearly anywhere in distribution system
- Provides live readings via the cloud using cellular communications
- Available alarm notifications for high/low threshold conditions
- Flexible implementation of data into existing software
- Available cloud data readings/storage

## Features

- Complete stand-alone design allows you to monitor nearly anywhere
- Installation options for nearly any application
- Submersible rated below-grade pressure sensor
- Sensor assembly is fully maintainable from above ground
- Solar powered – eliminates need to recharge batteries
- Cellular IOT remote communication



Low Threshold: 55  
High Threshold: 85



*The Intelligent Solution for Water Distribution Systems*

# **ECLIPSE**™ *i series*

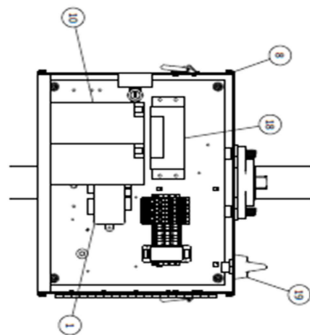
With its solar-powered, rechargeable 24 VDC battery and cellular communications, the 9200i will monitor pressure remotely providing further insight into a distribution system's architecture while eliminating the rolling cost of site visits.



**#9200i Pressure Monitoring Station**

The Intelligent Solution for Water Distribution Systems  
**ECLIPSE**  
*i series*

# #771 PRESSURE MONITORING: PERMANENT PRESSURE MONITORING STATION - INSTALLATION NOTES

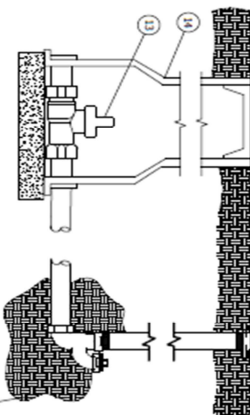


**A** DETAIL VIEW - CONTROL ENCLOSURE  
Scale: 1 1/2\"/>

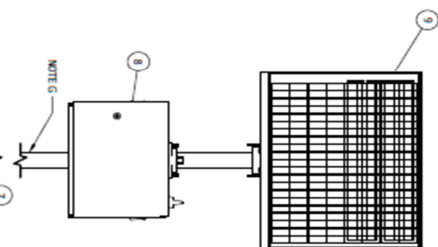
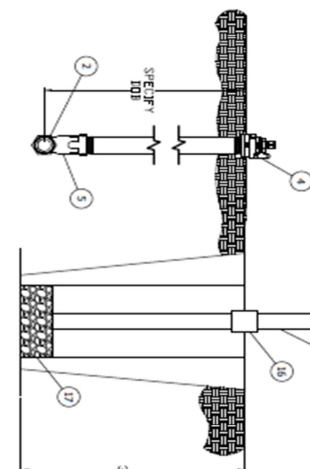


**B** DETAIL VIEW - REMOVEABLE SENSOR  
Scale: 1\"/>

**1** SIDE VIEW - INSTALL  
Scale: 3/4\"/>



**2** FRONT VIEW - INSTALL  
Scale: 3/4\"/>



**3** ISO VIEW - ABOVE GRADE  
Scale: 3/4\"/>

STEP	DESCRIPTION
STEP 1:	VERIFY THESE ARE THE CORRECT PARTS AND ATTACHMENT LINE.
STEP 2:	VERIFY THE 2\"/>

OTHER SPECIFICATIONS AVAILABLE UPON REQUEST

ITEM	DESCRIPTION
1	2\"/>

**Pressure Monitoring Station** shall be installed in the following location(s): \_\_\_\_\_

Pressure Monitoring Station shall be installed onto the water main, where water pressure shall be monitored. A submersible pressure sensor shall be installed into the monitoring station which shall be serviceable from above ground.

The Control enclosure shall be mounted on a customer supplied 2\"/>

Unit model # shall be 771-2,\* with \*,\* specified in accordance with the product ordering guide on the specification sheet as manufactured by Kuperle Foundry Company, St. Louis, MO, or approved equal.

NOTES	
A	NOT ALL WORKS 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	ITEMS TO BE PROVIDED BY OTHERS:

DATE	03/22/23
STATUS / REVISION	NEW RELEASE

#771 INSTALLATION NOTES

DATE	SCALE
03/22/23	8 (11x17)

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**KUPERLE**  
SINCE 1857