Phone: 888-202-9987
Fax: 847-434-0073
Email: service@flowtest.com
www.hosemonster.com

REMOTE READERS

USER GUIDE

Item#: HMRR12, HMRR40, HMRR60

OVERVIEW

A Remote Reader enables you to take pressure readings from a single Hose Monster or Pitotless Nozzle while standing a distance away from the water discharge.

COMPONENTS

- Either 12', 40', or 60' lengths of ¼" flexible tube (400 psi burst rating)
- Two ¼" NPT push-to-connect tube fittings

ASSEMBLY

Push the tube into the green release ring of both the tube fitting adapters if they are not already connected. Insert the tube in all the way.

One tube fitting threads into the gauge port on the Hose Monster and the other tube fitting threads into the pressure gauge.

To remove the tube from the tube fitting adapters, press and hold the release ring and pull on the tube at the same time. For quick field repairs for damaged ends, simply make a straight cut to trim off bad ends and reinstall tube fittings.

NOTE ON GAUGE ELEVATION RELATIVE TO FLOW DEVICES

If the gauge is at an elevation higher or lower than the flow device, then you must take this into account when determining your flow-rate. You will need to add or subtract 0.43 psi per foot of elevation difference to the indicated pressure on your gauge.

- If the pressure gauge is **above** the flow device, **add** 0.43 psi per foot of elevation difference.
- If the pressure gauge is **below** the flow device, **subtract** 0.43 psi per foot of elevation difference.

An Example

During a pump test, the operator is flowing water into a Hose Monster that is in a tank 10 feet below them. A Remote Reader tube is connected to the Hose Monster gauge port below them. The indicated pressure on the user's gauge is 13 psi. Add 4.3 psi to the gauge reading since 0.43 psi per foot multiplied by 10 feet of elevation difference equals 4.3 psi. The new flow pressure is now 17.3 psi. Convert 17 psi to GPM by using our flow charts. (Note: Round to the nearest psi whole-number when referring to flow charts.)

© 2017 The Hose Monster Company. All rights reserved.