



779-1 FLOW TEST KIT  
BASIC OPERATING INSTRUCTIONS

- NOTE: 1. THIS TEST KIT IS EQUIPPED WITH TWO DIFFERENTIAL PRESSURE GAUGES WITH COMPLIMENTARY RANGES. BOTH GAUGES ARE PROTECTED AGAINST OVER-RANGE TO THE MAXIMUM WORKING PRESSURE OF THE TEST KIT.
2. THE LOW DIFFERENTIAL PRESSURE RANGE OF BOTH GAUGES COUPLED WITH THE WEIGHT OF WATER IN THE HOSES MAY CAUSE ONE OR BOTH GAUGES TO BE OFF-ZERO. RAISING THE HIGH HOSE ABOVE THE CASE MAY DRIVE THE GAUGE(S) UPSCALE AND RAISING THE LOW HOSE MAY DRIVE THE GAUGE(S) TO ZERO. AS LONG AS BOTH GAUGES READ ZERO IN STEP 2 BELOW, THE TEST KIT IS FUNCTIONING NORMALLY.
1. OPEN THE CARRYING CASE.
  2. CONNECT THE GREEN LOW PRESSURE HOSE DOWNSTREAM AND VERIFY THAT BOTH GAUGES READ ZERO.
  3. CONNECT THE RED HIGH PRESSURE HOSE UPSTREAM AND READ THE PRESSURE DIFFERENTIAL. (FOR DIFFERENTIALS BELOW 10 INCHES OF WATER READ THE 0-10 INCHES WATER GAUGE FOR OPTIMUM ACCURACY.)
  4. WHEN THE TEST IS COMPLETE, DISCONNECT THE RED HIGH PRESSURE UPSTREAM HOSE, THEN DISCONNECT THE GREEN LOW PRESSURE DOWNSTREAM HOSE.
  5. COIL THE HOSES AROUND THE GAUGES.

CAUTION: SEVERE DAMAGE MAY OCCUR IF THIS TEST KIT IS SUBJECTED TO FREEZING TEMPERATURE.

NOTE: THIS TEST KIT IS EQUIPPED WITH FILTERS NEAR THE ENDS OF THE HOSES. IF THE GAUGES RESPOND SLOWLY, THE FILTER ELEMENTS MAY BE PARTIALLY BLOCKED. TO REMEDY THIS, UNSCREW THE FILTER HALVES AND REMOVE THE BRASS FILTER ELEMENTS. THEY CAN BE CLEANED BY BACK FLUSHING WITH WATER AND A MILD DETERGENT. REASSEMBLE THE FILTERS AND PROCEED WITH TESTING.

