FLOW SENSOR

SETS THE RETURN FLOW IN THE RINGMAIN. THE SENSOR COMMUNICATES WITH THE PUMP WHICH IN TURN INCREASES OUTPUT TO MAINTAIN DEMAND.

OUTPUT SIGNAL TO VARIABLE SPEED PUMP WHEN UNIT STOPS THE PUMP STOPS.

ADJUST REGULATING VALVE TO CONTROL LOOP PRESSURE.

PRESSURE GAUGE INDICATING OUTLET PRESSURE FROM UNIT.

POINT OF USE

WHEN WATER IS DISPENSED FROM THE RINGMAIN THE RETURN FLOW RATE DECREASES. THE FLOW SENSOR COMMUNICATES THIS TO THE PUMP WHICH INCREASES ITS OUTPUT TO MAINTAIN A CONSTANT RETURN FLOW.

VARIABLE SPEED PUMP MAXIMUM OPERATING PRESSURE 18 BAR - 118 PSL (COMBINED FEED AND OUTLET PRESSURE MUST NOT EXCEED 18 BAR.)

RINGMAIN

SALES DIAGRAM

OUTLINE & CONN'N

LA694-LOOP BOOST MODULE

PART NUMBER: N/A

www.elgalabwater.com
info@elgalabwater.com

() 2018 The Elga Laboratory Water Systems Ltd.

DRAW: N/A
CHECK: N/A
APPROVED: N/A

TITLE: SALES DIAGRAM

OUTLINE & CONN'N

LA694-LOOP BOOST MODULE

PART NUMBER: N/A

www.elgalabwater.com
info@elgalabwater.com

() 2018 The Elga Laboratory Water Systems Ltd.

DRAW: N/A
CHECK: N/A
APPROVED: N/A

TITLE: SALES DIAGRAM

OUTLINE & CONN'N

LA694-LOOP BOOST MODULE

PART NUMBER: N/A