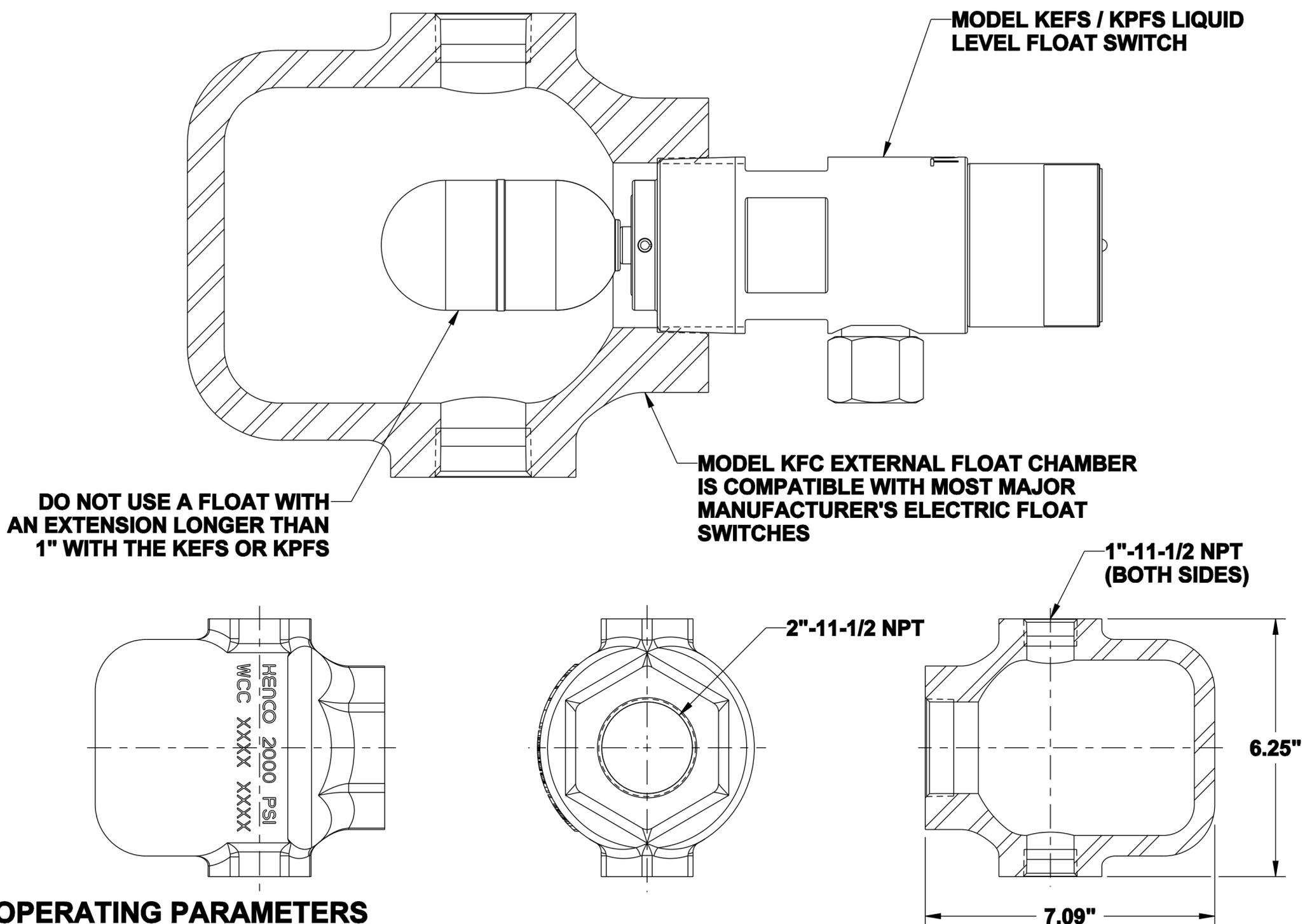


# KENCO ENGINEERING COMPANY

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## MODEL KFC EXTERNAL FLOAT CHAMBER INSTALLATION INSTRUCTIONS



### OPERATING PARAMETERS

**MATERIAL: CAST STEEL, ASTM A216 WCC (NACE MRO175 COMPLIANT)**  
**MAXIMUM PROCESS PRESSURE: 2000 PSI**  
**TEMPERATURE RANGE: -20 TO 400 DEGREES FAHRENHEIT**  
**WEIGHT: 17 LB.**

### INSTALLATION

1. USING 1" NPT PIPE AND THE 1" NPT CONNECTIONS, INSTALL THE MODEL KFC EXTERNAL FLOAT CHAMBER TO THE EXTERNAL WALL OF THE PRESSURE VESSEL. POSITION THE CHAMBER SO THAT THE 2" NPT SWITCH CONNECTION IS AT THE OPERATING HEIGHT NEEDED FOR THE FLOAT SWITCH AND IS FACING AWAY FROM THE VESSEL WALL. KENCO ENGINEERING RECOMMENDS USING PTFE BASED THREAD SEALANT PASTE ON ALL THREADED CONNECTIONS.
2. INSTALL THE LIQUID LEVEL FLOAT SWITCH USING THE 2" NPT CONNECTION. ENSURE THAT NOTHING RESTRICTS THE FLOAT'S TRAVEL. DO NOT USE A FLOAT EXTENSION LONGER THAN 1" WITH THE MODEL KEFS OR KPFS LIQUID LEVEL CONTROLLERS. A LONGER FLOAT EXTENSION WILL RESTRICT THE FLOAT'S TRAVEL. REFER TO THE KEFS OR KPFS INSTALLATION INSTRUCTIONS FOR MORE DETAILS ON FLOAT SWITCH INSTALLATION.

### NOTE

KENCO ENGINEERING RECOMMENDS INSTALLING TWO SHUT OFF VALVES BETWEEN THE VESSEL AND THE FLOAT CHAMBER AS WELL AS A PIPE TEE AND DRAIN VALVE PLUMBED DIRECTLY TO THE CHAMBER. THIS ISOLATION OF THE CHAMBER FROM THE VESSEL WILL PROVIDE THE OPPORTUNITY TO DRAIN THE CHAMBER FOR EASE OF MAINTENANCE OPERATIONS.

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