

## Specifications and Compatible Fluids Requirements

The table below lists Veeder-Root Line Leak Detector specifications.

SPECIFICATION	TLS-4XX w/ DPLLD	TLS-350 w/ PLLD	TLS-350 w/ WPLLD
<b>OPERATING TEMP:</b>	-25 TO +130°F	-25 TO +130°F	-25 TO +130°F
<b>COMPATIBLE FUELS:</b>	UNLEADED GASOLINE LEADED GASOLINE 5% METHANOL / 95% UNLEADED 0 - 100% ETHANOL 10% ETHANOL / 90% UNLEADED 15% MTBE / 85% UNLEADED DIESEL BIODIESEL (UP TO B100) <sup>1,2</sup> KEROSENE JET FUEL AVIATION GASOLINE	UNLEADED GASOLINE LEADED GASOLINE 5% METHANOL / 95% UNLEADED 0 - 100% ETHANOL 10% ETHANOL / 90% UNLEADED 15% MTBE / 85% UNLEADED DIESEL BIODIESEL (UP TO B100) <sup>1,2</sup> KEROSENE JET FUEL AVIATION GASOLINE	UNLEADED GASOLINE LEADED GASOLINE 5% METHANOL / 95% UNLEADED 10% ETHANOL / 90% UNLEADED 15% MTBE / 85% UNLEADED DIESEL BIODIESEL (UP TO B100) <sup>1,2</sup> KEROSENE JET FUEL AVIATION GASOLINE
<b>LINE FLOW RATE:</b>	120 GPM MAX. W/SWIFTCHECK VALVE	120 GPM MAX. W/SWIFTCHECK VALVE	120 GPM MAX. W/SWIFTCHECK VALVE
<b>OPERATING RANGE:</b>	0 - 70 PSI	0 - 70 PSI	0 - 70 PSI
<b>PROOF PRESSURE:</b>	200 PSI	200 PSI	200 PSI
<b>MAX. VERTICAL PIPELINE HEIGHT ABOVE TRANSDUCER<sup>3</sup></b>	11 FEET	11 FEET	11 FEET
<b>MINIMUM PUMP OUTPUT PRESSURE<sup>4</sup></b>	23 psi	23 psi	23 psi

<sup>1</sup>Biodiesel compliant with ASTM D7467 (up to B20) or ASTM D6751.

<sup>2</sup>Consult pump manufacturer for compatibility ratings on fuel blends greater than B20.

<sup>3</sup>Applications that exceed these max. vertical pipeline heights will require further consultation. Please contact Veeder-Root at 800-323-1799 (request a Veeder-Root/Red Jacket Application Engineer).

<sup>4</sup>Pump output pressure should be a minimum of 4 psi above the check valve's relief pressure.

Veeder-Root recommends that system software for the console be upgraded to the latest version when installing any new hardware. For TLS-350 Consoles, when installing latest software, PLLD or WPLLD must be specified and customer must upgrade to ECPU2 if not already installed. See Accessories/Upgrades section of price book or your local Veeder-Root authorized distributor for details.