![LeakSafe™ logo]

Leaksafe xFlow LCD display icons

If an alarm sounds or your water turns off, the icons at the bottom of the LCD display will indicate which system alarm has been triggered:

Signal Strength | Leak | No Flow | Continuous Flow | Excess Flow | Frost Warning | Low Battery
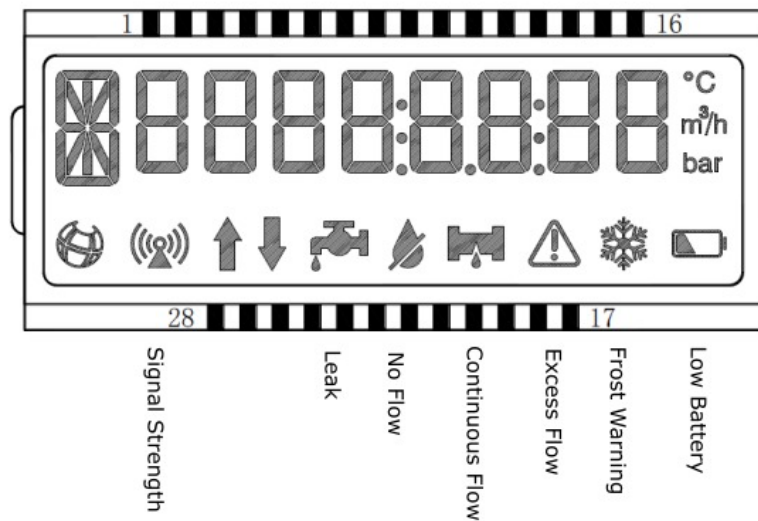
What the icons mean & LEAK ALARMS:

(icon)	**NBIoT SIGNAL STRENGTH**	NBIoT signal strength (if the system is connected to the Vodafone NBIoT network).

(icon)	**L**EAK	The directly connected tape is wet (tape optional)
	Action	Disconnect the wet tape from the xFlow control panel. If the leak can be safely contained, open the valve. Repair the leak, dry the tape and once completely dry, reconnect to the Xflow panel.

(icon)	**NO FLOW**	The valve shut for No flow because the meter recorded no water flow for the period specified in the advanced menu.
	Action	Open the valve from the xFlow control panel.

(icon)	CONTINUOUS FLOW	Valve shut because the meter recorded continuous flow for the period specified in the advanced menu.
	Action	Action: If you know why the continuous flow period has been exceeded and it is safe to do so, open the valve. Otherwise, check the property for taps and appliances that may have been left on or are running continuously due to a stuck valve or similar e.g., storage tanks, WC cisterns. If you turn the valve on and something is still running, then the system will shut the valve again after another continuous flow period has elapsed.

⚠️	EXCESS FLOW	Valve Shut because the meter recorded more than the specified volume of water allowed over a rolling 1 hour period as selected in the advanced menu.
	Action	If you know why the volume threshold has been exceeded and it is safe to do so, open the valve. Otherwise, check the property for leaks. If you turn the valve on and something is still running, then the system will shut the valve again if the volume threshold is exceeded.

❄️	PIPE FROST WARNING	The temperature of the pipe is less than 4°C (temperature sensor optional).
	Action	The system does not shut the valve if the temperature drops below 4°C but you should take action to ensure that the pipe does not freeze.

🔋	LOW BATTERY	The rechargeable battery is low - less than value 16.
	Action	Make sure the xFlow is connected to the mains supply so that the battery can recharge.

Manually opening a valve

If the xFlow system control panel has failed, it is possible to manually open or close the valve(s).

Turn the mains power off to the xFlow control panel.

The valve actuator has a valve status window and either an override button like the one shown below, or a Hex socket with a hex key clipped behind the valve actuator. If the red line or arrow in the valve status window is parallel to the pipe on which the valve is installed, the valve is open. If it is across the pipe, then the valve is closed.

To manually open the valve, pull the override button out from the actuator body (it is like a watch winder) and turn the button until the red line is parallel with the pipe, or insert the hex key and turn until the valve status shows open. It will take several turns to get to this position.

When override is no longer needed, push the Override button back in.

Valve status window (valve open)

Override button