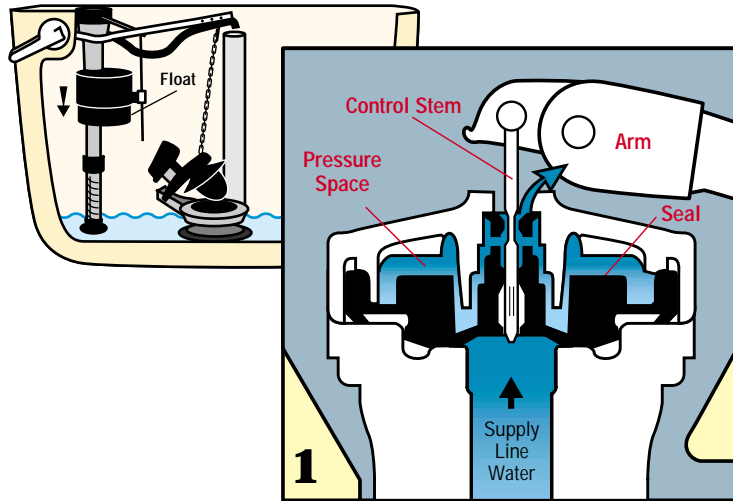
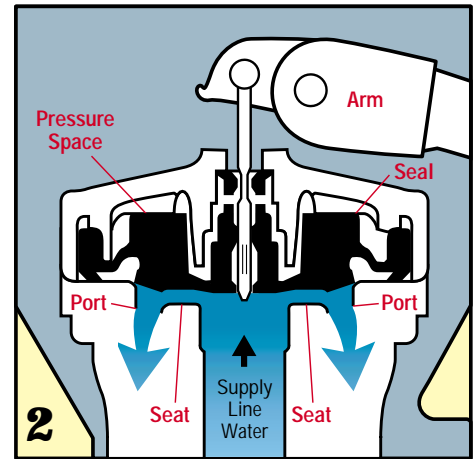


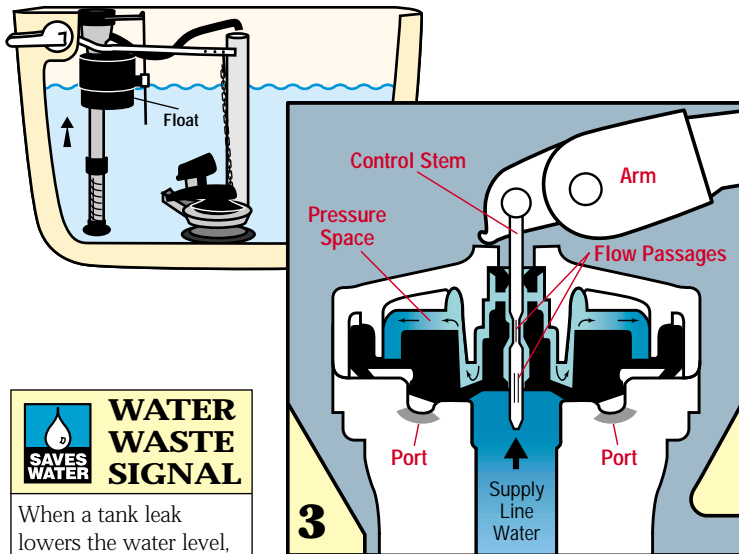
How the Fluidmaster Valve Works



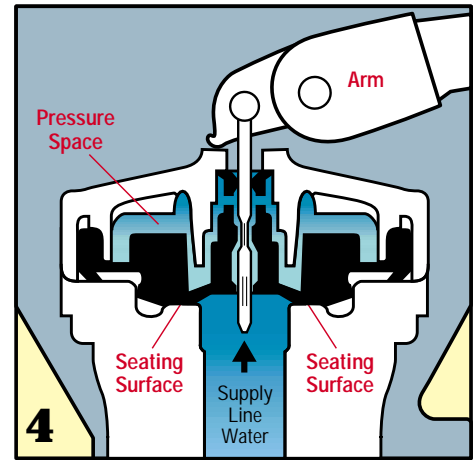
1 WHEN TANK IS FLUSHED
As the **float** drops, the **arm** raises the stainless steel **control stem**. This releases water from the **pressure space** above the **seal**.



Once the water has escaped from the **pressure space**, water pressure from the incoming **supply line** pushes the **seal** up off the **seat**, allowing water to flow through the **ports** and fill the tank.



3 As the tank fills, the **float** rises. The **control stem** moves down. This allows water into the **pressure space** above the seal. The *self-cleaning action* of the **control stem** moving up and down through the **seal** keeps **flow passages** free of foreign particles. This ensures proper valve performance.



4 WHEN TANK IS FULL
Once the **pressure space** is full, the valve closes. This is because the **pressure space** area is eight times larger than the **seating surface**.

SAVES WATER

WATER WASTE SIGNAL

When a tank leak lowers the water level, the float drops. This triggers the valve to re-fill the tank, even when the toilet has not been flushed. This **on/off sound** is an immediate indication of **water waste**. Typical cause of such a leak is a faulty flapper.