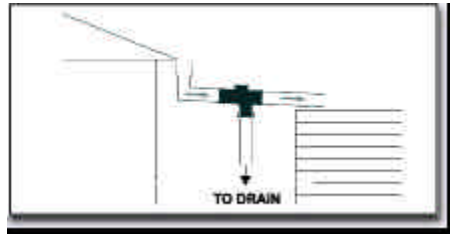


HORIZONTAL SAFERAIN TECHNICAL DETAILS

Typically the unit closes at flow rates between 2.64 gallons/minute – 5.28 gallons/minute (10 liters/min and 20 liters/min) adjustable. Any small debris left behind in Fig. 4 is flushed out with the next rain. Large leaves, sticks etc are caught in a detachable screen accessible by the cleanout access.



Once a SafeRain is fitted, polluted water diversion of between 1.32 – 264.2 gallons (5-1,000 liters) is possible depending on setting.

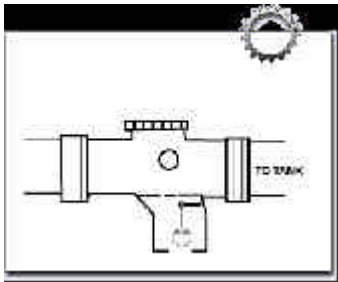


Fig. 1: When rain starts, the stagnant water is dumped from the base of the SafeRain valve.

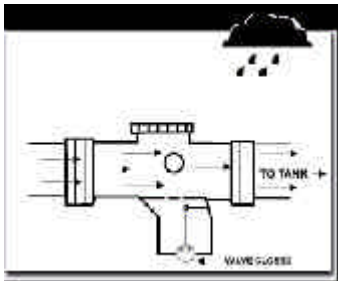


Fig 2. After the polluted water is dumped, the valve shuts automatically. Clean water is then diverted to the tank.

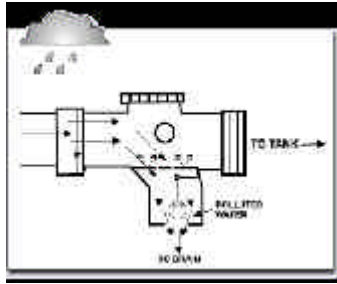


Fig. 3: When the rain stops SafeRain can remain closed for approximately 24 hours. Any further rain during this time goes to the tank.

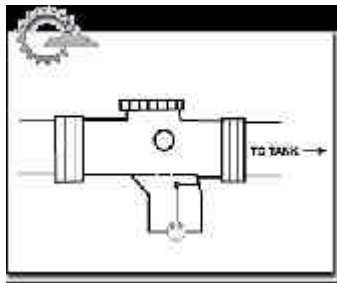


Fig. 4: SafeRain will drain completely resetting the unit automatically for the next rainfall.