

FOOT AND NON-RETURN VALVES OPERATION & INSTALLATION INSTRUCTIONS

Philmac's foot and non-return valves have been designed to allow water to flow in one direction only. The direction of water flow is clearly marked by an arrow on the body of the valve. Under no flow conditions the spring assisted piston sits in the closed position.

Philmac foot and non-return valves can be connected to both plastic and metal threaded fittings. PTFE tape or an approved sealant is required.



- 1.** Apply PTFE tape or approved sealant to the male thread the non-return/foot valve is to be screwed into. Sufficient tape needs to be applied to ensure a watertight seal.
- 2.** Screw the valve onto male thread by hand until firm. Confirm the correct orientation of the valve by checking the water direction arrow is pointing downstream.
- 3.** Using a pipe wrench or multigrips on the end caps only, further screw the non-return/foot valve into the male thread until tight. Where necessary ensure the male thread is held stationary to avoid it from moving. Do not use pipe wrench or multi-grips on the body of the non-return/foot valve.