

# Soft starter benefits for Water Utility Applications

BENEFIT	FEATURE	Milliscreen	Pump	Separator
Protect equipment	Prevent damage due to reverse operation	■	■	
	Prevent damage from debris in water		■	
	Prolong life of pumps, pipes, valves and headworks by preventing water hammer		■	
	Early warning of abnormal load conditions (broken couplings, blocked pipes, etc.)		■	■
	Prevent chain breakages	■		■
Maximize productivity	Safely use full motor capacity without nuisance tripping	■	■	■
	Keep critical processes running	■	■	■
Smoother operation	Minimize stress on electrical supply	■	■	■
	Reduce mechanical stress during start	■	■	■
	Minimize pressure surges		■	
Intelligent control of the whole system	Simplify control circuits by directly connecting pressure switches		■	

■ Very significant benefit  
 ■ Significant benefit  
 □ Useful