
Introducing

SweepCLEAR®

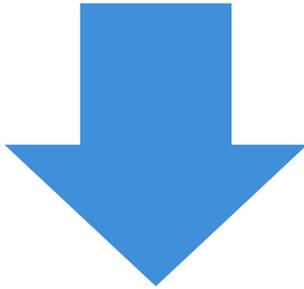
A revolutionary new water
filter/separator that's more
efficient and results in
significant savings



SweepCLEAR[®] is simply better.

Combines 2 Technologies

Tangential Air Separator &
Coalescing Air & Dirt Separator



Highest performance
air & dirt separator available
at the **lowest price**

Removes micro air bubbles to stop corrosion
& increase energy efficiency

Removes dirt that fouls chillers, boilers, valves
& heat exchangers

Saves WATER. Cleaned systems do not have
to be flushed as often.

**Can be retrofitted to your AS for 1/3 the
cost of a new coalescing air separator**

Typically 1-day installation with **NO pipe
modifications required**

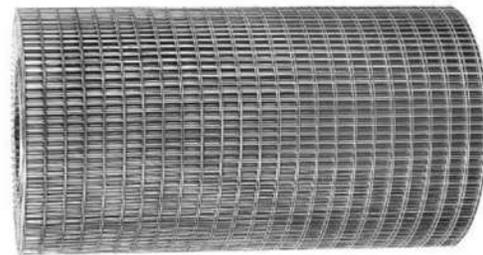
NO increase in pressure drop

Works on hot, chilled & condenser water
systems

It works with a standard air separator



Just insert **SweepCLEAR®**
media into tank thru tank inlet



Patent Pending

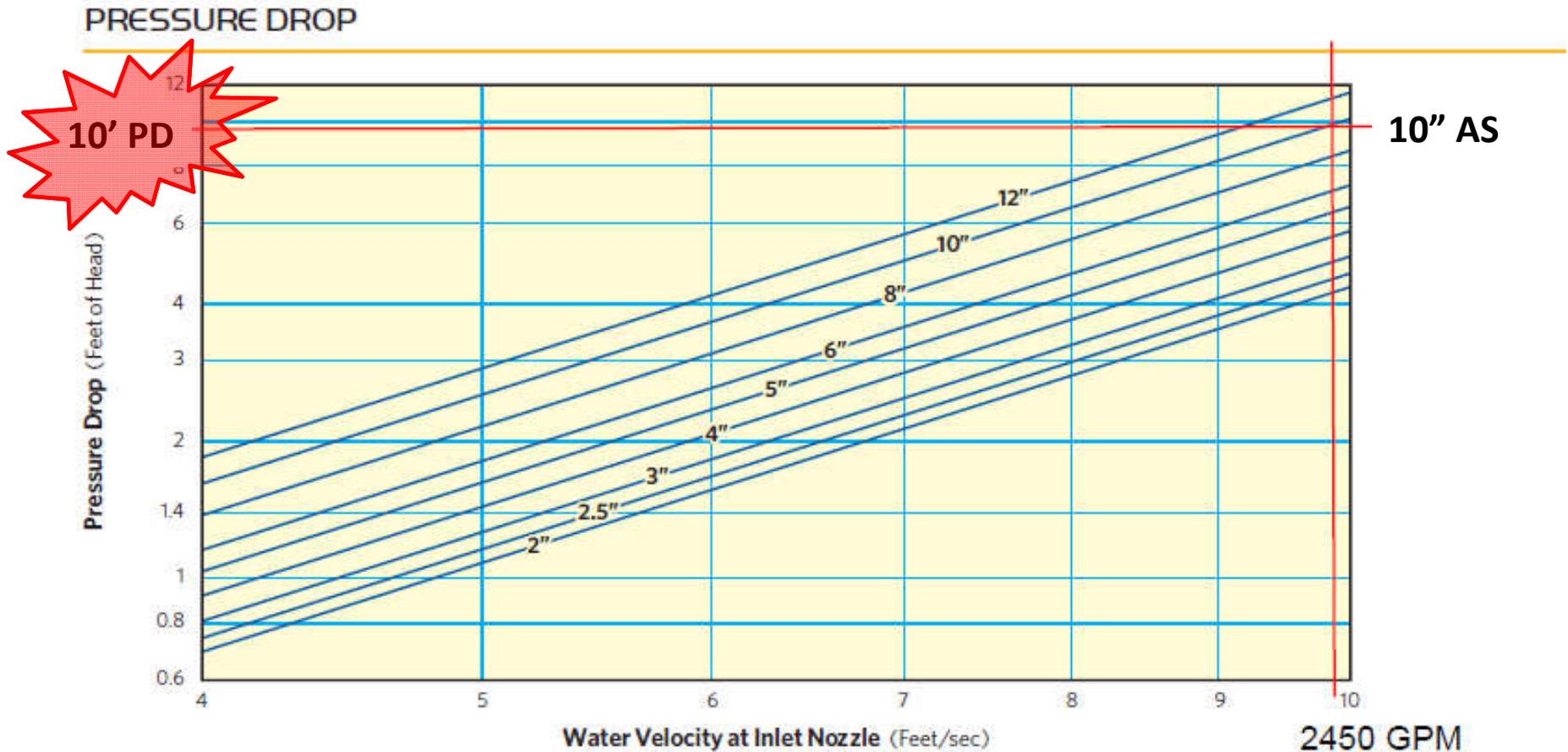
SweepCLEAR®

SweepCLEAR® in action.



SweepCLEAR®

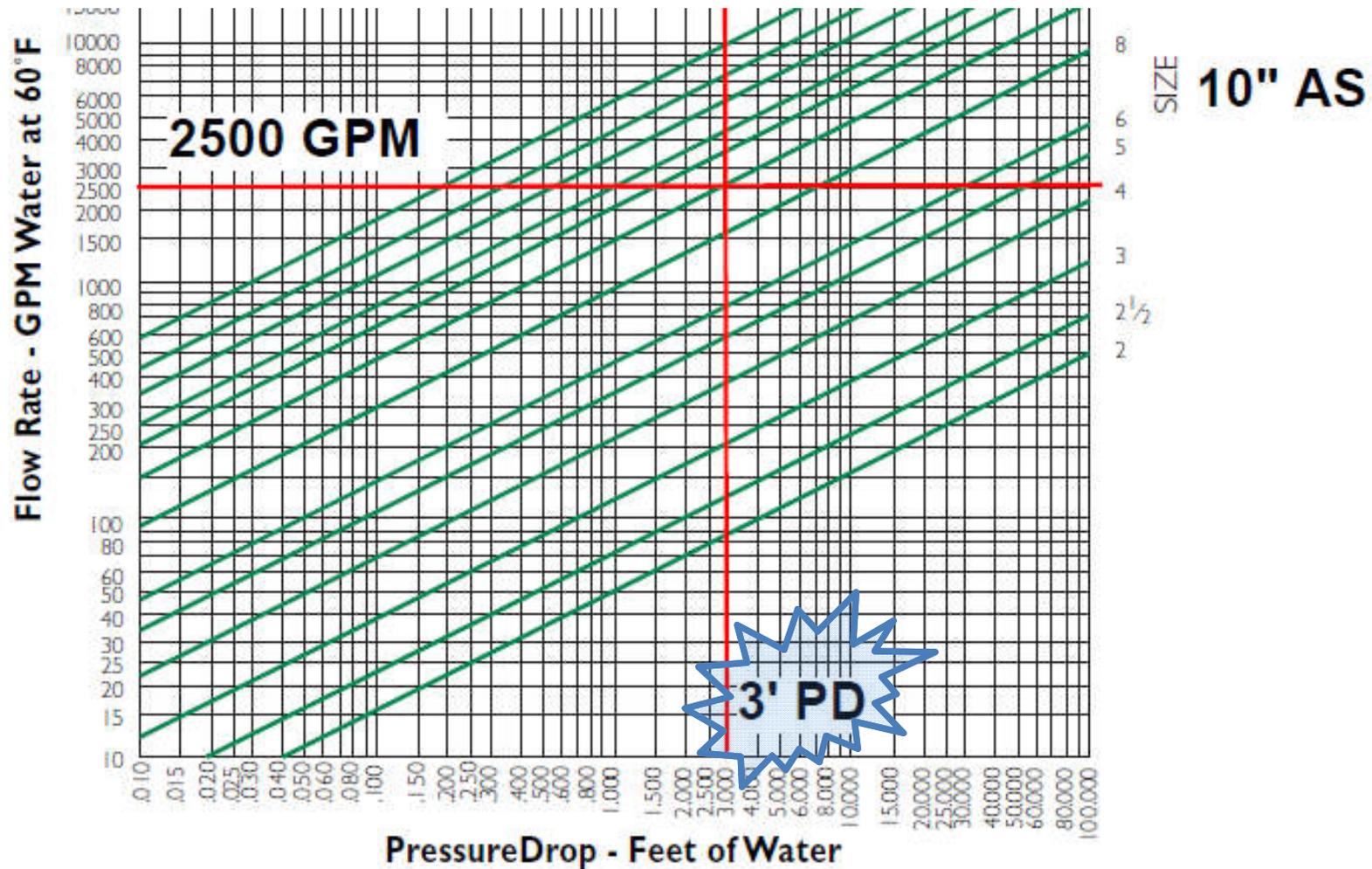
Pressure Drop – Coalescing AS



SweepCLEAR®

Conventional Coalescing Air Separator 10' PD !

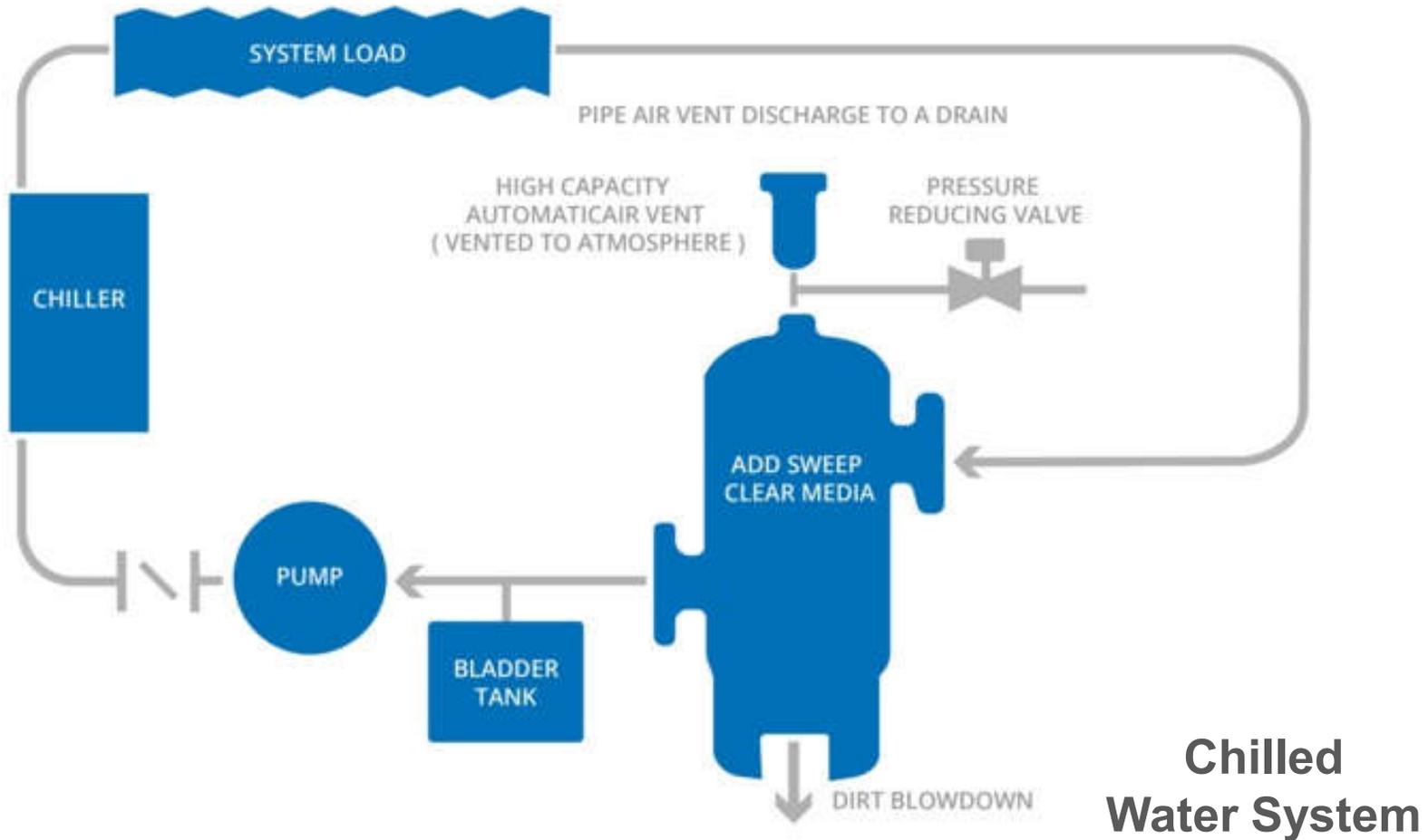
Pressure Drop – Tangential AS



SweepCLEAR®

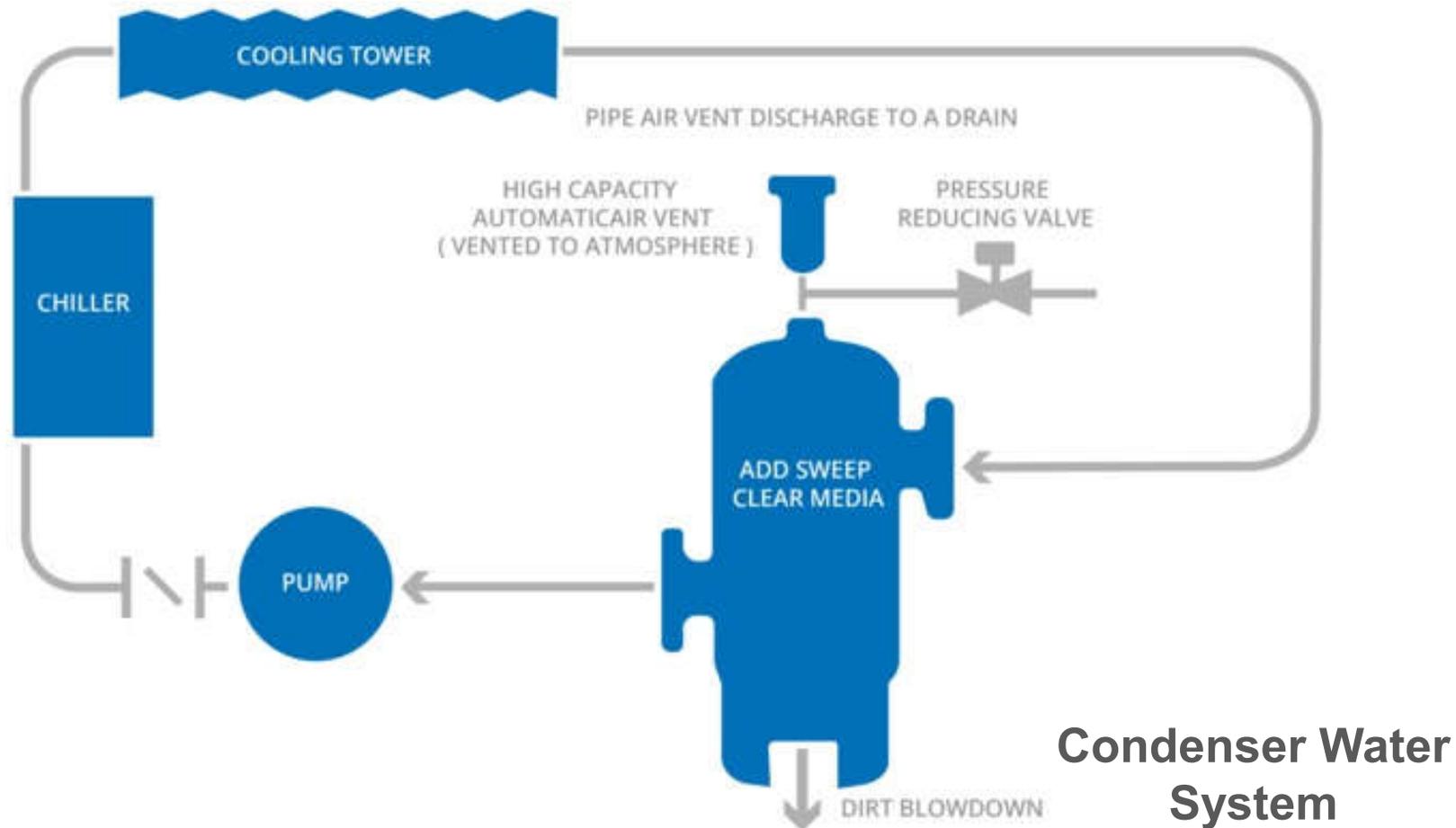
SweepCLEAR Coalescing Air Separator only 3 - 4' PD !

Eliminates dirt & air from chilled water

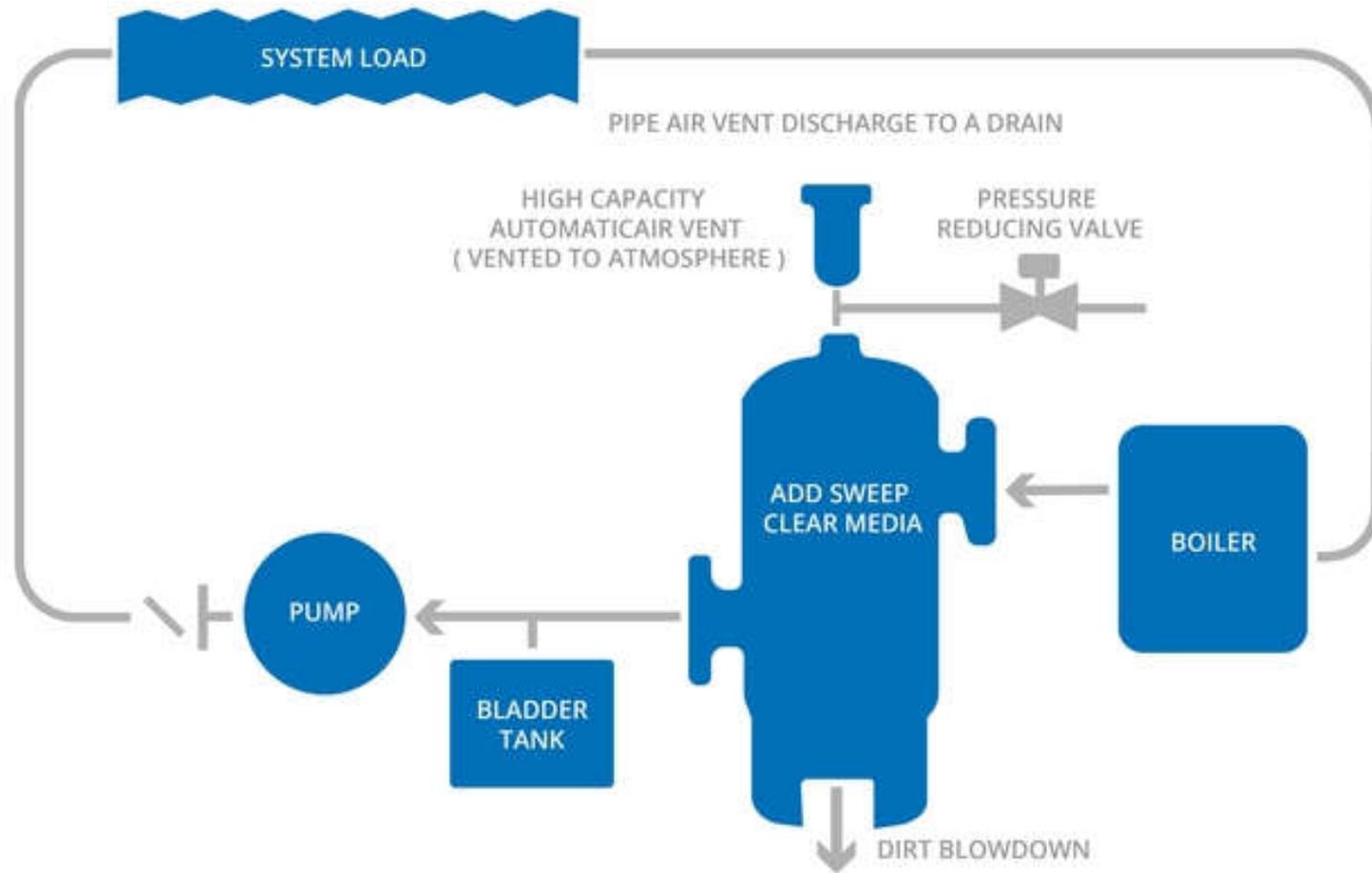


**Chilled
Water System**

Eliminates dirt & air from condenser water



Eliminates dirt & air from hot water



Hot Water System

SweepCLEAR®

Dirt Blow-Down

Patent Pending

SweepCLEAR[®] compared to other STD AS

BENEFITS	COALESCING AS	SweepCLEAR [®]	NOTE
Removes air	yes, if fine wire media is used	yes, 2 times faster than Coalescing AS	SweepClear [®] combines centrifugal and coalescing media separating techniques
Removes dirt	yes	yes, 2 times faster than Coalescing AS	SweepClear [®] combines centrifugal and coalescing media separating techniques
Reduces energy consumption	yes	yes	Removing air & dirt improves heat transfer
Low maintenance	yes	yes	Occasionally blow down dirt
Permanent	yes, copper or SS	yes, SS	Media is permanent
Fine wire coalescing media	yes, on some Coalescing AS	yes, 0.027" dia. 304 SS	
Condenser water	yes, but high pressure drop & slow filtration	very low pressure drop, fast dirt & air removal	SweepClear [®] removes air & dirt as fast as it enters the system
Tank filled with media	only some Coalescing AS	yes	

SweepCLEAR® overcomes all challenges

CHALLENGE	COALESCING AS	SweepCLEAR®	NOTE
Pressure drop	High, up to 12'	very low, 1' max	SweepClear® has the lowest pressure drop available
Cost- AS	4 times price of standard AS	1/3 the cost of a coalescing AS	SweepClear® has the lowest cost per GPM
Installation	piping has to be reworked, time/costly	easy, no piping change, few hour installation	SweepClear® installation does not require any special tools
Pressure rating	125# std, 300# optional	no limit	Uses STD AS tank
Size	large, twice as tall as standard AS	uses Std AS, low profile	A SweepClear® filled AS has the smallest footprint per GPM available

Other Considerations

Bladder Tanks — Systems with Steel Expansion Tanks will need to replace them with Bladder Tanks

Condenser Water Systems — STD AS can be combined with **SweepCLEAR®** to create a filter with low pressure drop, small size and low cost that removes air and dirt rapidly

The Best Way to Clean Your Systems

SweepCLEAR®

www.sweepclear.com

(404) 368-9559

sales@sweepclear.com

