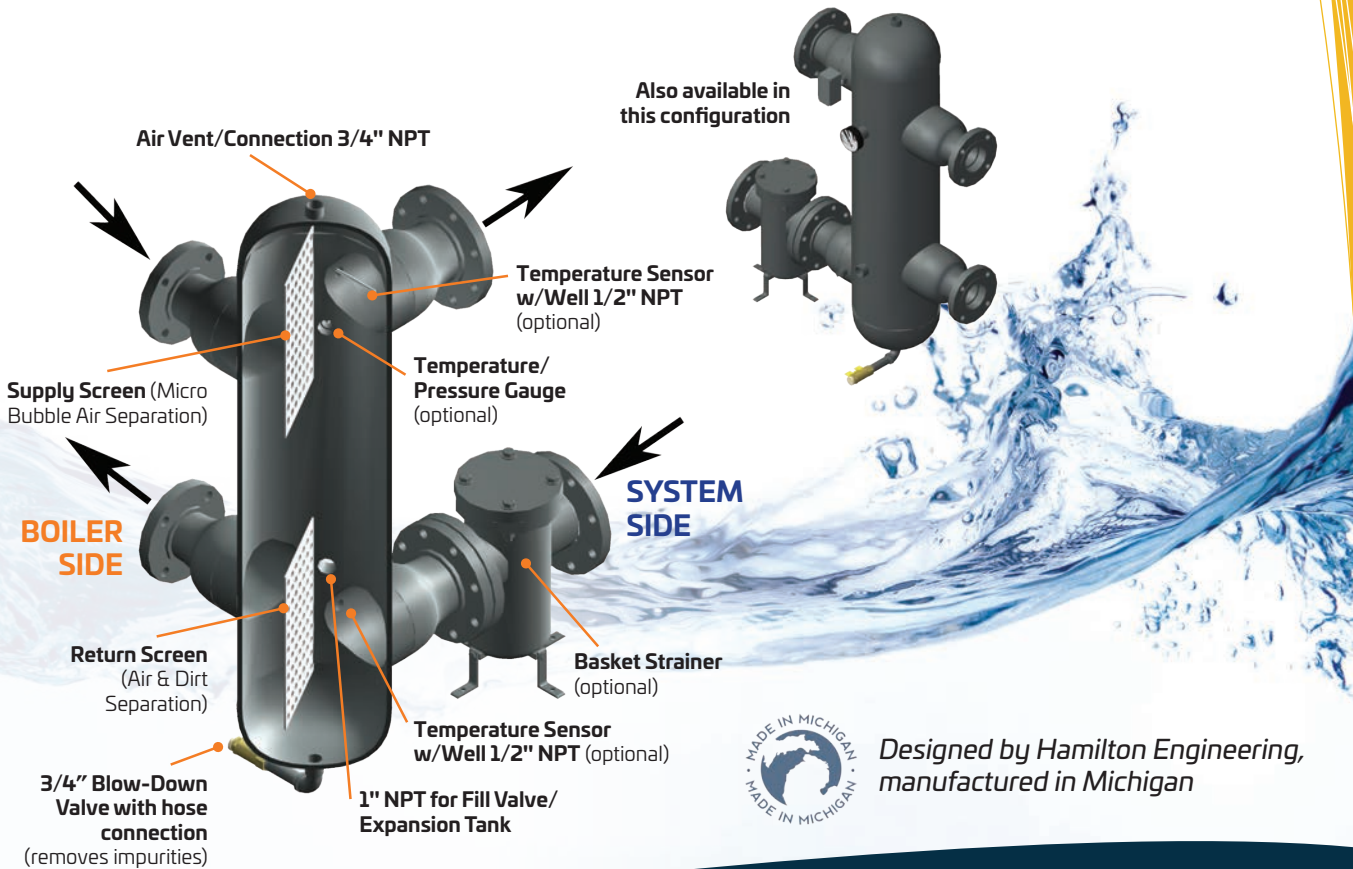


HYDRAULIC SEPARATION



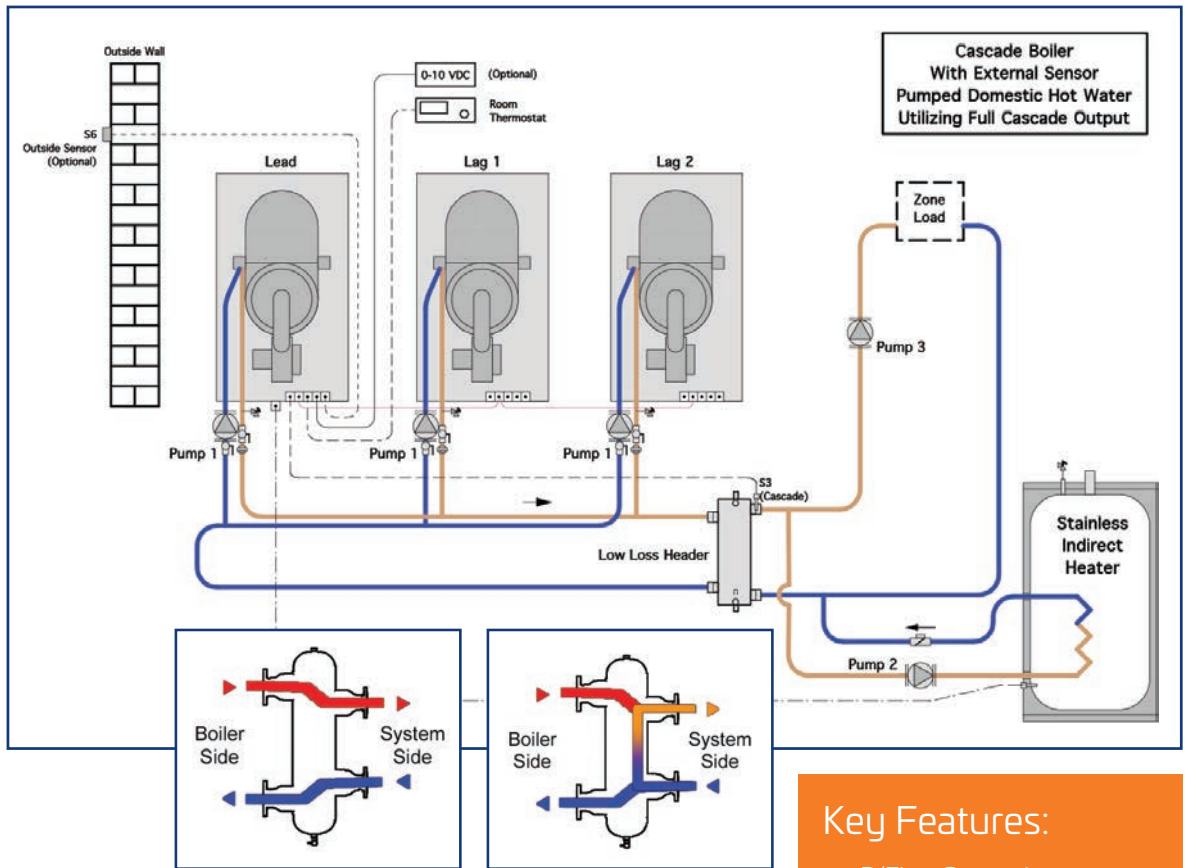
Hamilton SYSTEM SEPARATOR

Provides hydraulic separation

- Creates two independent loops—a primary and secondary loop
- Allows for infinite building flow manipulation with precise temperature control, while maintaining boiler-rated efficiency through turbulent flow

Properly decouples primary boiler loop to secondary circuits

- Removes the guesswork out of closely spaced tees
- Allows for proper temperature flow into zones without pump conflict
- Protects boiler from fluctuating pressures (starving boiler flow)
- Eliminates extra plumbing and crossover bridges, tees and balancing valves



SYSTEM SEPARATOR PORT FLOWS AT < 3 FPS AND AN INTERNAL FLOW RATE OF < 0.5 FPS

Connection Size	Maximum Flow Rate (gpm*)	Body Diameter	Body Height (weld seam to weld seam)	Overall Height
2"	14	3"	30"	34"
2"	29	4"	30"	35"
3"	78	6"	36"	43"
3"	112	8"	36"	44"
3" Boiler 4" System	196	10"	36"	46"
6"	270	10"	48"	60"
6"	437	12"	48"	60"
6" Boiler 8" System	775	16"	48"	62"
6" Boiler 10" System	1223	18"	54"	70"

- Overall dimensions are measured from the end of one cap to the end of the other. Couplers and valves are NOT included in the calculations.
- Flow rate is the greatest of either boiler or system side
- Above sizes are stock items. Custom sizes available for larger flow rates.
- For more specific dimensional data, consult factory with project specifications and a CAD drawing will be provided.

Key Features:

- ΔP/Flow Separation
- Air Separation
- Dirt Separation
- T&P Gauge (optional)
- Temperature Sensor Port
- Built-in Blow Down Valve
- ΔP Gauge (optional)
- Strainer ΔP Shut Down Switch (optional)
- Flushing Accessory Package (optional)
- Pipe Materials are ASTM A53 Design Certified



REPRESENTED BY

