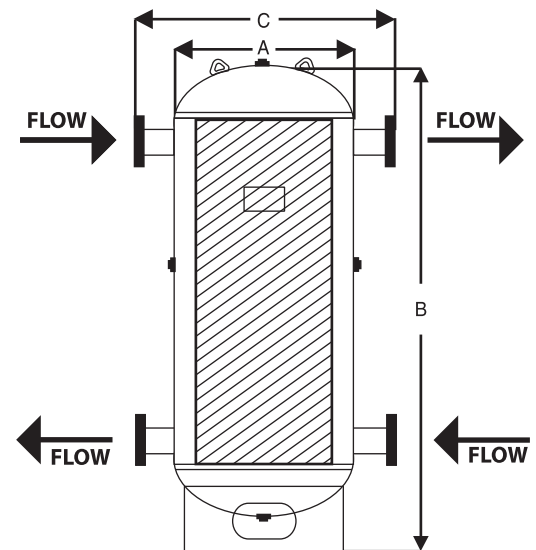


Series HSC Coalescing Type Hydraulic Separator

American Wheatley HSC Series Coalescing type Hydraulic Separators/Hot Water Buffer Tanks are designed to operate with modern high efficiency low-mass modular boiler systems. The American Wheatley HSC Series ensures minimal ΔT and provides the necessary thermal storage to prevent short cycling that could occur during low load conditions, along with the added benefit of a coalescing media for superior air and dirt separation.

- Prevents flow in one circuit from interfering with flow from another circuit
- Eliminates the need for a primary loop circulating pump, air separator, and strainer, thereby reducing initial cost as well as operating cost
- Eliminates complicated piping, reduces labor and piping costs
- High performance stainless steel ring type coalescing media
- Correctly installed hydraulic separation allows the use of multiple circulators to operate independently without interfering with each other
- Ideal for multiple load systems.
- American Wheatley manufactures ASME hydraulic separators in standard sizes 2" through 14", ASME 125
- Larger sizes and pressure ratings readily available



Typical Specifications

Furnish and install an American Wheatley HSC series, coalescing type vertical hydraulic separator as described on the drawings or schedule. Inlet and outlet connections shall be flanged unless otherwise noted. Unit shall be constructed of carbon steel and built in accordance with ASME Section VIII, Division 1, the nameplate manufacturer shall carry all applicable ASME certificates. Coalescing media must be stainless steel. Exterior shall be primer base coated.

MODEL NO.	SIZE	GALLON	A Diam. (In.)	B Overall Height (In.)	Vent (In.)	Drain (In.)	C Flange to Flange	Weight (Lbs.)	Optimal Flow GPM
HSC-002	2"	9	12	26	3/4	3/4	NPT	275	65
HSC-025	2.5"	14	12	36	3/4	3/4	24	275	65
HSC-003	3"	36	16	48	3/4	3/4	28	350	178
HSC-004	4"	36	16	48	3/4	3/4	28	350	178
HSC-005	5"	65	20	57	3/4	3/4	32	600	300
HSC-006	6"	100	20	84	3/4	3/4	32	800	520
HSC-008	8"	235	30	90	3/4	1 1/2	42	1,750	800
HSC-100	10"	450	36	118	3/4	1 1/2	48	1,900	1,200
HSC-120	12"	500	42	97	3/4	1 1/2	54	2,100	1,400
HSC-140	14"	500	42	97	3/4	1 1/2	54	2,150	1,750

JOB NAME _____
 LOCATION _____

 CONTRACTOR _____
 CONTRACTOR P.O. NO. _____

ITEMS	QUANTITY
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

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