

# HYDRAULIC SEPARATORS

The Badgerland Hydraulic Separator is designed to help reduce short cycling of a boiler system and separate building and boiler circulation. The Hydraulic Separator uses stored boiler water to buffer the system load when the boiler is producing more BTU's than what the building can handle. When the building has a minimal demand, it pulls from the tank allowing the boiler to "rest." The Hydraulic Separator is piped so the building flow is separate from the boiler flow, allowing independent circulation.

Model	Actual Gallons	Nominal Gallons	NPT/Flg	A	B	C	D	E
BSEP-30-045	120	138	3" NPT	49"	30"	16.75"	36.25"	4"
BSEP-30-071	200	217	3" NPT	75"	30"	16.75"	62.25"	4"
BSEP-36-072	285	317	4" Flg	76"	36"	24.5"	55.5"	4"
BSEP-42-072	385	432	4" Flg	76"	42"	27"	53"	4"
BSEP-42-083	450	498	4" Flg	87"	42"	27"	64"	4"
BSEP-48-096	675	752	4" Flg	100"	48"	29"	75"	4"
BSEP-48-120	860	940	4" Flg	124"	48"	29"	99"	4"

**Standard:**

ASME Sec. VIII, Div 1  
125 psi  
Bare tank  
5 year warranty  
4" base ring

**Optional:**

Handhole  
Manway  
Topcoat R-16 insulation  
Painted Steel Jacket  
Additional fittings

Badgerland Hydraulic Separators are designed for 125 psi (150 optional). Standard sizes range from 120 gallon up to 860 actual gallons. Custom sizes and additional fittings are available. Please contact us for more information.

