

ASME EXPANSION & HYDRONIC TANKS

AC Series & HC Series

BACKSTOP®

MATERIALS

Shell: Carbon Steel

System Connection: Stainless Steel

Coating: Primer

Diaphragm: Heavy Duty Butyl Rubber

OPERATING LIMITATION

Max. Pressure: 150 PSI

Max. Temperature: 240° F

APPLICATION

BackStop® AC (ASME) Series Tanks are fixed diaphragm type pre-charged thermal expansion tanks that are used to absorb the expansion forces and control the pressure in potable water systems.



ASME Expansion Product List

Model No.	Volume (gal.)	Height	Diameter	Sys. Conn.	Wt. (lbs.)
12-AC5	3.5	14"	10"	3/4"	22
12-AC12	5	14"	12"	3/4"	28
12-AC20	8	20"	12"	3/4"	34
12-AC30	15	23"	16"	1"	64
12-AC42	22	32"	16"	1"	88
12-AC60	26	34"	16"	1"	93
12-AC80	35	45"	16"	1"	109
12-AC100	45	38"	20"	1"	148
12-AC125	60	49"	24"	1-1/2"	175
12-AC160	70	46"	24"	1-1/2"	259
12-AC180	80	49"	24"	1-1/2"	268
12-AC210	90	52"	24"	1-1/2"	283

ASME Hydronic Product List

Model No.	Volume (gal.)	Height	Diameter	Sys. Conn.	Wt. (lbs.)
12-HC15	8	19"	12"	3/4"	44
12-HC20		26"	12"	3/4"	47
12-HC40	25	33"	16"	1"	90
12-HC60		45"	16"	1"	111
12-HC80	45	38"	20"	1"	147
12-HC100		49"	20"	1"	167
12-HC120	70	46"	24"	1 1/2"	225
12-HC144		49"	24"	1 1/2"	245
12-HC180	90	52"	24"	1 1/2"	265
12-HC200		66"	24"	1 1/2"	295
12-HC240	140	78"	24"	1 1/2"	425
12-HC260		61"	30"	1 1/2"	475
12-HC280	211	79"	30"	1 1/2"	645

MATERIALS

Shell: Carbon Steel

System Connection: Carbon Steel

Coating: Primer

Diaphragm: Heavy Duty Butyl Rubber

OPERATING LIMITATION

Max. Pressure: 150 PSI (1035 kPa) HC15-HC60

Max. Pressure: 125 PSI (861 kPa) HC80-HC200

Max. Temperature: 240° F

APPLICATION

BackStop® HC Series ASME Hydronic Tanks are fixed diaphragm type pre-charged thermal expansion tanks. ASME Hydronic Tanks reduces required tank size up to 80% and adhere to building codes.