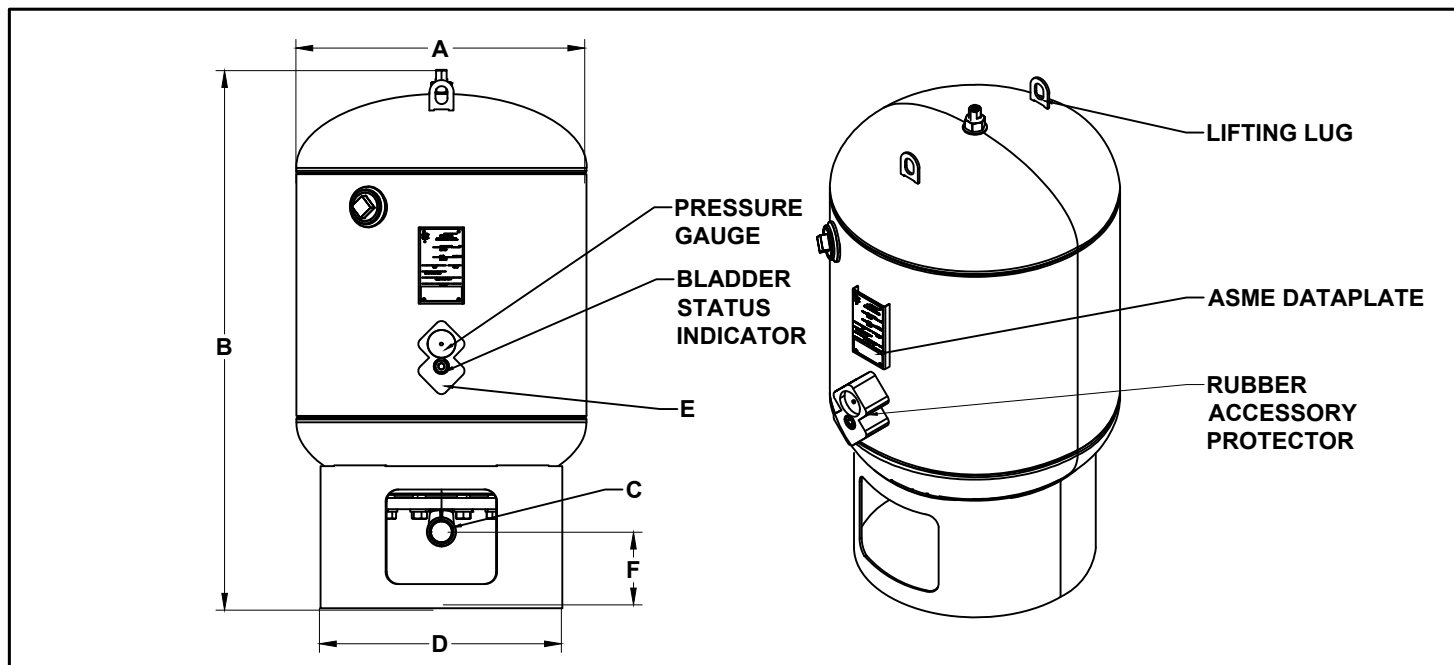




ASME Expansion Tanks

Model FEXP

(10 - 211 Gallon)



DESCRIPTION

FEXP series expansion tanks are built to Section VIII Division 1, ASME Boiler and Pressure Vessel Code and are of the removable bladder, pre-charged expansion tank type.

They are designed to absorb/control system pressure fluctuations which occur as a result of thermal expansion in heating/cooling systems. The system's expanded water is contained within a heavy-duty butyl bladder that prevents tank corrosion and waterlogging problems.

ADVANTAGES

- Replaceable heavy-duty butyl bladder
- Full acceptance bladder
- Integrated pressure gauge
- Easy access air valve
- Built in bladder status indicator

MATERIALS & DESIGN DATA

SHELL	.....CARBON STEEL
HEADS	.....CARBON STEEL
INTERIOR	.....HEAVY DUTY BUTYL BLADDER
MAX WORKING PRESSURE	.....150 PSI
MAX WORKING TEMPERATURE	.....240°F
SUITABLE FOR GLYCOL SYSTEMS	.....50%
PRE-CHARGE PRESSURE	.....40 PSI

PROJECT _____

CONTRACTOR _____

PO/JOB NO. _____

ENGINEER _____

REPRESENTATIVE _____

DATE _____

DIMENSIONS [inches]

PART CODE	NOMINAL CAPACITY [Gallons]	ACTUAL CAPACITY [Gallons]	A	B	System Connection	D	Charging Valve	F	WEIGHT [lbs]
					C		E		
FEXP-010	10	10.8	16.0	25.0	1" NPT	12.0	0.302" - 32NC	6.0	76
FEXP-013	13	13.3	16.0	28.0	1" NPT	12.0		6.0	82
FEXP-023	23	26.5	18.0	38.5	1" NPT	14.0		5.6	125
FEXP-035	35	39.4	24.0	34.5	1" NPT	20.0		4.7	195
FEXP-053	53	54.3	24.0	44.0	1½" NPT	20.0		6.0	262
FEXP-079	79	86.8	30.0	44.5	1½" NPT	26.0		4.7	326
FEXP-106	106	107.7	30.0	51.3	1½" NPT	26.0		4.7	361
FEXP-132	132	140.5	30.0	64.0	2" NPT	26.0		5.8	431
FEXP-158	158	158.4	30.0	70.0	2" NPT	26.0		5.8	468
FEXP-211	211	212.1	30.0	88.0	2" NPT	26.0		5.8	564

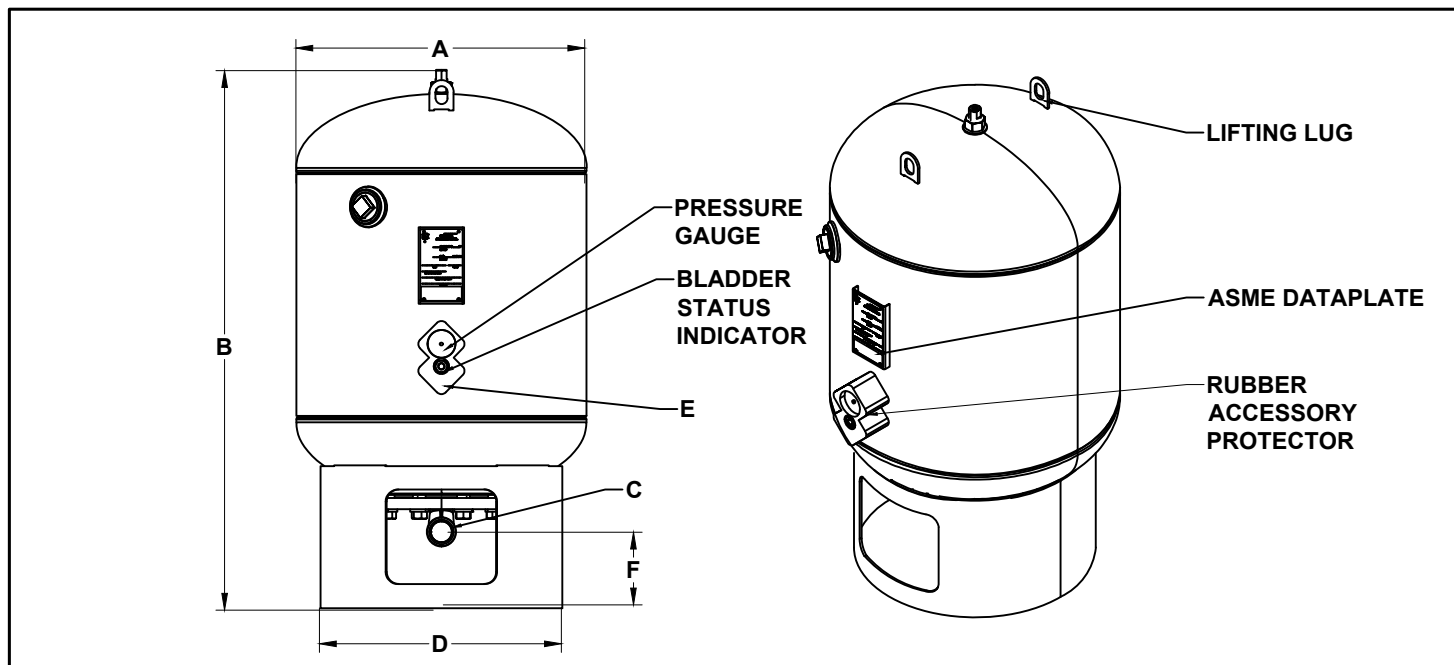
(Rev: 03/17/25)



ASME Expansion Tanks

Model FEXP

(264 - 3963 Gallon)



DESCRIPTION

FEXP series expansion tanks are built to Section VIII Division 1, ASME Boiler and Pressure Vessel Code and are of the removable bladder, pre-charged expansion tank type.

They are designed to absorb/control system pressure fluctuations which occur as a result of thermal expansion in heating/cooling systems. The system's expanded water is contained within a heavy-duty butyl bladder that prevents tank corrosion and waterlogging problems.

ADVANTAGES

- Replaceable heavy-duty butyl bladder
- Full acceptance bladder
- Integrated pressure gauge
- Easy access air valve
- Built in bladder status indicator

MATERIALS & DESIGN DATA

SHELL	.....CARBON STEEL
HEADS	.....CARBON STEEL
INTERIOR	.....HEAVY DUTY BUTYL BLADDER
MAX WORKING PRESSURE	.....150 PSI
MAX WORKING TEMPERATURE	.....240°F
SUITABLE FOR GLYCOL SYSTEMS	.....50%
PRE-CHARGE PRESSURE	.....40 PSI

PROJECT _____

CONTRACTOR _____

PO/JOB NO. _____

ENGINEER _____

REPRESENTATIVE _____

DATE _____

DIMENSIONS [inches]

PART CODE	NOMINAL CAPACITY [Gallons]	ACTUAL CAPACITY [Gallons]	A	B	System Connection	D	Charging Valve	F	WEIGHT [lbs]
					C		E		
FEXP-264	264	264.1	36.0	78.4	2" NPT	32.0	0.302" - 32NC	4.7	772
FEXP-317	317	331.0	36.0	94.2	2" NPT	32.0		4.7	928
FEXP-370	370	392.5	42.0	84.4	2" NPT	36.0		4.5	987
FEXP-422	422	439.4	42.0	92.4	2" NPT	36.0		4.5	1066
FEXP-528	528	530.3	48.0	89.0	2" NPT	42.0		5.4	1457
FEXP-660	660	701.7	48.0	111.5	2" NPT	42.0		5.5	1810
FEXP-792	792	823.7	48.0	127.5	2" NPT	42.0		5.5	2028
FEXP-1056	1056	1059.8	54.0	131.9	2" NPT	48.0		6.3	2826
FEXP-1320	1320	1369.8	60.0	137.5	2" NPT	54.0		6.2	3286
FEXP-1980	1980	1986.2	72.0	141.9	2" NPT	66.0		7.6	5693
FEXP-2640	2640	2640.2	72.0	180.1	2" NPT	66.0		7.6	6929
FEXP-3963	3963	4027.0	84.0	200.7	3" NPT	76.0		7.6	8945

(Rev: 05/05/25)