

 STAIRS

# Pressure Tank

NSPTB, NSPTT, NSPTN series



 STAIRS

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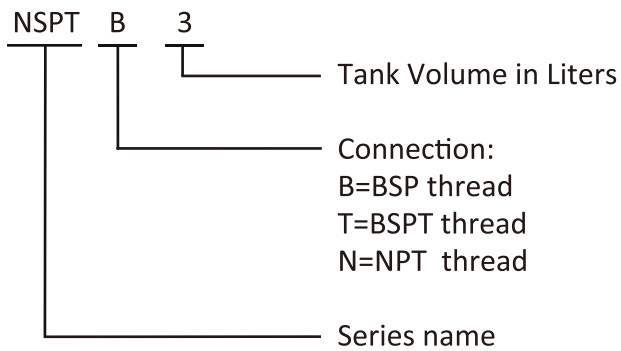
**Aquafos**



STAIRS INDUSTRIAL CO., LTD.

### Applications

#### Model code



#### Features

- Polypropylene liner to ensure long durability
- EPDM diaphragm to assure long life and safety
- Corrosion resistant durable baked epoxy coating finish
- Leak free, O-ring sealed air valve cap
- 100% pressure tested
- No maintenance needed
- 304 Stainless Steel water connection
- CE approved

#### Applications

- Water storage
- Water pressure boosting
- Water transferring

#### Operation Conditions

- Max.Working Pressure: 10 bar
- Max.Working Temperature: 90°C



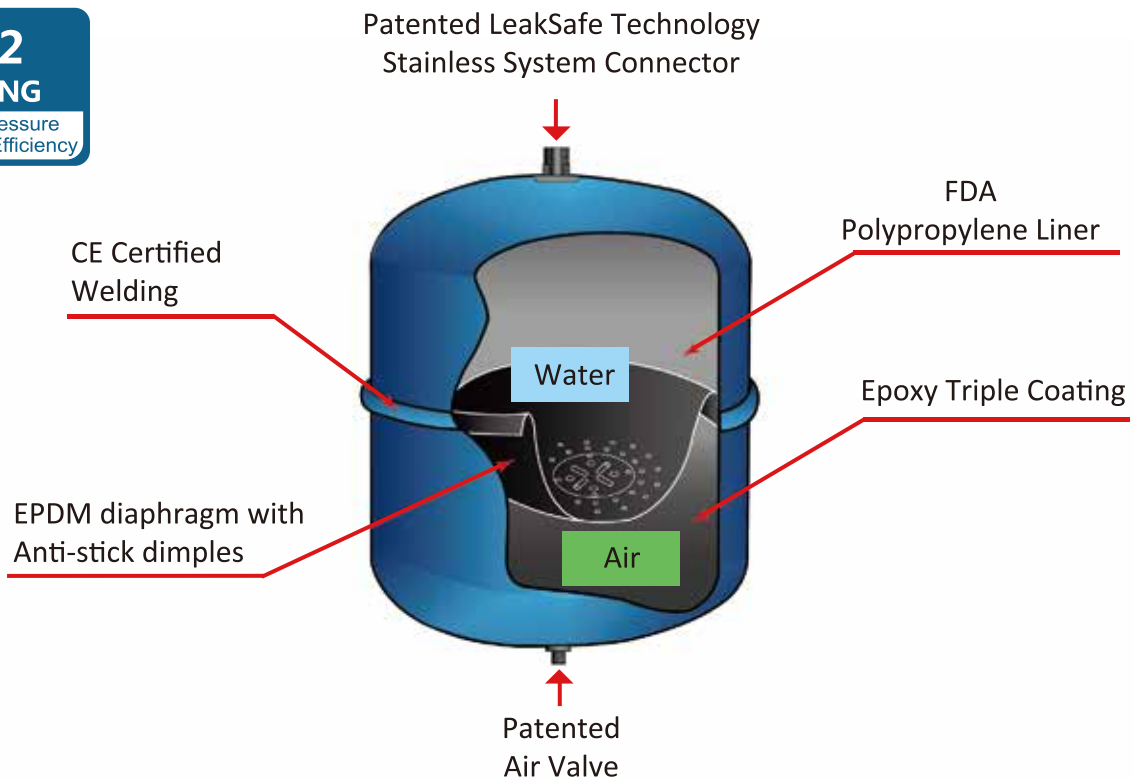
In-Line Type

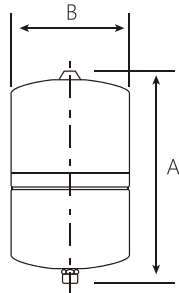


Vertical Type With Base

Volume	Type
1 - 38 Liter	In-Line
58 - 450 Liter	Vertical Type With Base

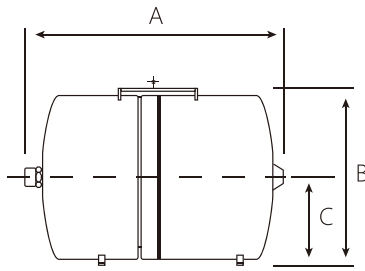
**N<sub>2</sub>**  
**FILLING**  
 Stable Pressure  
 with Best Efficiency





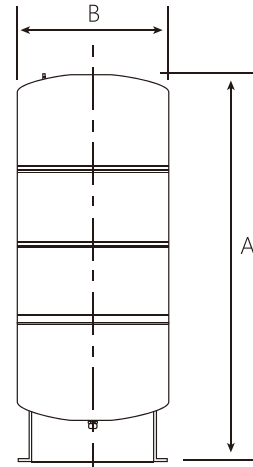
In-line Type

Model	Dimensions(mm)			
	A		B	
	mm	Inch	mm	Inch
NSPT 1	201	7.9	120	4.7
NSPT 3	220	8.7	140	5.5
NSPT 8	304	12.0	203	8.0
NSPT 12	384	15.1	229	9.0
NSPT 18	364	14.3	280	11.0
NSPT 24	415	16.3	290	11.4
NSPT 38	564	22.2	290	11.4



Model	Dimensions(mm)					
	A		B		C	
	mm	Inch	mm	Inch	mm	Inch
NSPT 18H	364	14.3	280	11.0	140	5.5
NSPT 24H	415	16.3	290	11.4	145	5.7
NSPT 38H	564	22.2	290	11.4	145	5.7
NSPT 60H	536	21.1	390	15.3	190	7.5
NSPT 80H	469	18.5	43.2	17.0	216	8.5
NSPT 100H	710	28.0	430	16.9	215	8.4

Horizontal Type With Base



Model	Dimensions(mm)			
	A		B	
	mm	Inch	mm	Inch
NSPT 58	592	23.4	390	15.3
NSPT 80	693	27.3	432	17.0
NSPT 100	765	30.1	430	16.9
NSPT 120	1148	45.2	390	15.3
NSPT 130	785	30.9	550	21.7
NSPT 160	931	36.7	550	21.7
NSPT 200	1066	42.0	550	21.7
NSPT 235	1196	47.1	550	21.7
NSPT 305	1463	57.6	550	21.7
NSPT 325	1105	45.5	650	25.6
NSPT 450	1410	55.5	650	25.6

Vertical Type With Base

Model Number	Total Tank Volume		Diameter		Height (Base Including)		Box Length		Box Width		Box Height		N.W.		G.W.		Shipping Volume	Connection
	Liter	Gal	Cm	Inch	Cm	Inch	Cm	Inch	Cm	Inch	Cm	Inch	Kg	Lbs	Kg	Lbs		
NSPT - 1	1.3	0.35	12.0	4.7	20.1	7.9	27.0	10.6	27.0	10.6	23.0	9.1	2.6	5.7	3.0	6.6	0.59	1/2" NPT
NSPT - 3	3	0.5	14.0	5.5	22.0	8.7	31.0	12.2	31.0	12.2	24.0	9.4	4.1	9.0	4.7	10.4	0.81	1" NPT/BSP
NSPT - 8	8	2.0	20.3	8.0	30.4	12.0	21.0	8.3	21.0	8.3	32.0	12.6	1.9	4.2	2.3	5.1	0.50	1" NPT/BSP
NSPT -12	12	3.2	22.9	9.0	38.4	15.1	23.5	9.3	23.5	9.3	39.0	15.4	2.7	6.0	3.0	6.6	0.76	1" NPT/BSP
NSPT -18	18	4.5	28.0	11.0	36.4	14.3	28.0	11.0	28.0	11.0	39.0	15.4	3.4	7.5	3.8	8.4	1.08	1" NPT/BSP
NSPT -24	24	6.0	29.0	11.4	41.5	16.3	31.0	12.2	31.0	12.2	42.0	16.5	3.6	7.9	4.5	9.9	1.42	1" NPT/BSP
NSPT -38	38	10	29.0	11.4	56.4	22.2	31.0	12.2	31.0	12.2	58.0	22.8	5.3	11.7	6.2	13.7	1.97	1" NPT/BSP
<b>Stand Models With Base</b>																		
NSPT - 58	58	14	39.0	15.3	59.2	23.4	40.0	15.7	40.0	15.7	62.0	24.4	9.4	20.7	10.7	23.6	3.50	1" NPT/BSP
NSPT - 80	80	20	43.2	17.0	69.3	27.3	45.0	17.7	45.0	17.7	70.0	27.6	12.7	28.0	14.6	32.2	5.00	1" NPT/BSP
NSPT -100	100	28	43.0	16.9	76.5	30.1	45.0	17.7	45.0	17.7	80.0	31.5	13.7	30.2	15.6	34.4	5.72	1" NPT/BSP
NSPT -120	120	32	39.0	15.3	114.8	45.2	40.0	15.7	40.0	15.7	116.0	45.7	19.7	43.4	22.3	49.2	6.55	1" NPT/BSP
NSPT -130	130	34	55.0	21.7	78.5	30.9	55.0	21.7	55.0	21.7	80.0	31.5	21.5	47.4	24.5	54.0	8.54	1-1/4" NPT/BSP
NSPT -160	160	44	55.0	21.7	93.1	36.7	55.0	21.7	55.0	21.7	94.0	37.0	23.9	52.7	27.2	60.0	10.04	1-1/4" NPT/BSP
NSPT -200	200	53	55.0	21.7	106.6	42.0	55.0	21.7	55.0	21.7	108.0	42.5	26.9	59.3	30.4	67.0	11.53	1-1/4" NPT/BSP
NSPT -235	235	62	55.0	21.7	119.6	47.1	55.0	21.7	55.0	21.7	120.0	47.2	34.9	76.9	37.7	83.1	12.81	1-1/4" NPT/BSP
NSPT -305	305	81	55.0	21.7	146.3	57.6	55.0	21.7	55.0	21.7	149.0	58.7	39.9	88.0	45.9	101.2	15.91	1-1/4" NPT/BSP
NSPT -325	325	86	65.0	25.6	110.5	43.5	65.0	25.6	65.0	25.6	116.0	45.7	40.5	89.3	46.5	102.5	17.30	1-1/4" NPT/BSP
NSPT -450	450	120	65.0	25.6	141.0	55.5	65.0	25.6	65.0	25.6	145.0	57.1	56.9	125.4	61.9	136.5	21.63	1-1/4" NPT/BSP

Model Number	Tank Volume		Diameter		Height		Length		Box Length		Box Width		Box Height		N.W.		G.W.		Shipping Volume	Connection
	Liter	Gal	Cm	Inch	Cm	Inch	Cm	Inch	Cm	Inch	Cm	Inch	Cm	Inch	Kg	Lbs	Kg	Lbs		
NSPT-18H	18	4.5	28.0	11.0	30.9	12.2	36.4	14.3	40.0	15.7	30.0	11.8	33.0	13.0	3.8	8.4	4.3	9.5	1.40	1" NPT/BSP
NSPT-24H	24	6.0	29.0	11.4	32.6	12.8	41.5	16.3	43.0	16.9	30.0	11.8	34.0	13.4	4.5	9.9	5.1	11.2	1.55	1" NPT/BSP
NSPT-38H	38	10	29.0	11.4	32.6	12.8	56.4	22.2	60.0	23.6	31.0	12.2	34.0	13.4	5.9	13.0	6.8	15.0	2.23	1" NPT/BSP
NSPT-58H	58	14	39.0	15.3	42.8	16.9	53.6	21.1	54.0	21.3	40.0	15.7	45.0	17.7	9.9	21.8	11.2	24.7	3.43	1" NPT/BSP
NSPT-80H	80	20	43.2	17.0	46.9	18.5	62.2	24.5	64.0	25.2	45.0	17.7	49.0	19.3	12.8	28.2	14.3	31.5	4.98	1" NPT/BSP
NSPT-100H	100	28	43.0	16.9	46.9	18.5	71.0	28.0	71.0	28.0	44.0	17.3	49.0	19.3	14.4	31.6	15.8	34.7	5.40	1" NPT/BSP

NSPT 1 and 3 liters tanks: 4 pcs / box

Optional Stainless steel 90°female elbow (58, 80, 100, 120, 130, 160, 200, 235, 305, 325, 450 Liters vertical models)

Factory Precharge:30 PSI / 2bar

Optional New Plastic base (Vertical Models, 58, 80,120L)