YOU CAN DEPEND ON
DAVEY



WaterMark

MODEL NUMBERS:
24024HP25 & 24100HP25

GUARANTEE
5 YEARS

APPLICATIONS

Supercell HP25 tanks can be used as storage units for water under pressure in household, farm or industrial water pressure systems, hydronic heating system expansion tanks and water hammer arrestor systems.

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Supercell HP25

SUPERCELL HYDRO-PNEUMATIC WATER PRESSURE TANKS

FEATURES & BENEFITS

Captive diaphragm held firmly in a central position:

- Less movement allowing use of a thicker reinforced diaphragm material than a bag or bladder tank for longer lifes

Heavy duty butyl diaphragm meets all major worldwide requirements for potable water applications:

- Safe, non-toxic

Safe potable grade virgin polypropylene liner seals the water from the tank shell:

- Longer life
- Specific wear areas reinforced for longer life

Deep drawn steel shell with appliance like 2 part polyurethane enamel finish and epoxy primer:

- Protected against rusting and the effects of UV light for long life

Patented stainless steel water connection:

- Long life even in less than perfect water conditions
- Seals water and air chambers ensuring a complete leak free and maintenance free pressure vessel

Every tank is individually tested:

- Guaranteed reliable operation

Compliance with the strict requirements of ISO 9001, NSF Standard 61, CE/PED, WRAS, ACS, Watermark and Gost quality standards:

- Consistent product quality
- Assurance of acceptance by plumbing regulators

Pressure Tanks

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MATERIALS OF CONSTRUCTION	
PART	MATERIAL
Tank shell	Steel
Tank finish	Epoxy primed with 2 part polyurethane enamel
Diaphragm	Butyl rubber - FDA approval
Tank inner liner	Virgin polypropylene
Tank inlet	Stainless steel with patented design

OPERATING LIMITS	
Maximum operating pressure	2500 kPa (363 psi)
Maximum water temperature	90°C
Minimum water temperature	-20°C
Tank air pre-charge	400 kPa

HYDRAULIC PERFORMANCE – NOMINAL DRAW OFF IN LITRES												
Model	Tank Capacity (litres)	Max. Pressure Rating (kPa)	Pressure Switch Range kPa (psi)									
			150-250 (22-36)	150-300 (22-44)	200-400 (29-58)	250-400 (36-58)	250-500 (36-73)	300-600 (44-88)	500-1000 (73-145)	700-1200 (101-174)	1000-1600 (145-232)	1600-2000 (232-290)	2000-2500 (290-363)
24024HP25	24	2500	6.9	9.0	9.6	7.2	10.0	10.3	10.9	9.2	8.5	4.6	4.6
24100HP25	100	2500	28.6	37.5	40.0	30.0	41.7	42.9	45.5	38.5	35.3	19.0	19.2

DIMENSIONS					
Model	Diameter	Height	Mounting Type	Inlet B.S.P.	Shipping Weight (kg)
24024HP25	293	447	Pipe	1"M	8.8
24100HP25	435	823	Free standing	1"M	18.9

All dimensions in mm unless otherwise stated.

ISO:9001 CE

H/O & MFG SCORESBY
Certified System Quality ISO 9001
Certified System Environment ISO 14001

daveywater.com

This literature is not a complete guide to product usage. All images provided in this document are for illustration purposes only. Further information is available from your Davey Dealer, Davey Support Centre and from the relevant product Installation and Operating Instructions. Must be read in conjunction with the relevant product Installation and Operating Instructions and all applicable statutory requirements. Product specifications may change without notice.
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