

SUPERCCELL P TANKS

MODEL NUMBERS SUPERCCELL 24008P, 24024P, 24035P
24060P, 24080P, 240100P

DEPEND ON
DAVEY

WATER PRODUCTS

PRESSURE TANKS

PRODUCT DESCRIPTION

Robust hydro-pneumatic water pressure vessels of captive diaphragm design.

APPLICATIONS

Supercell P tanks can be used as storage units for water under pressure in:-

- Household, farm or industrial water pressure systems
- Hydronic heating system expansion tanks
- Water hammer arrestor systems
- Mains water toilet flushing systems



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 life

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 & 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

OPERATING LIMITS

Maximum operating pressure :

1000kPa (145 psi)

Maximum water temperature :

90°C

Minimum water temperature :

1°C

Tank air pre-charge :

200kPa

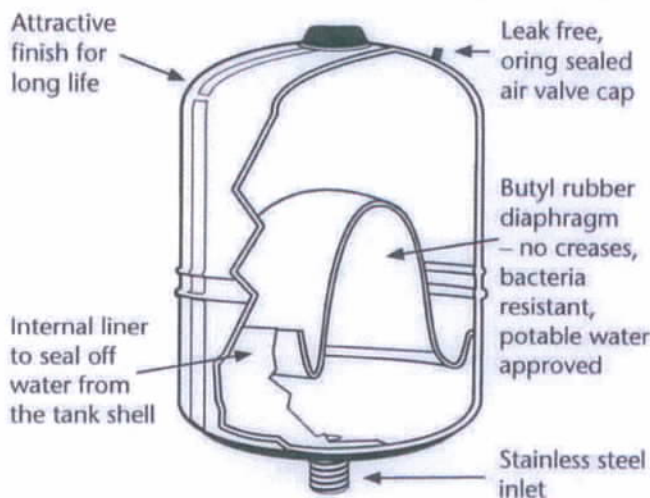


TECHNICAL SPECIFICATIONS

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

SECTIONAL VIEW



SPECIFICATIONS

Tank model	Code no.	Nominal volume (Litres)	Max. operating pressure (kpa)	Mounting type	Connection size	Diameter (mm)	Height (mm)	Shipping weight (Kgs.)
Supercell 8P	24008P	8	1000	Pipe mounting	1" BSP	203	317	5.7
Supercell 24P	24024P	24	1000	Pipe mounting	1" BSP	292	444	12.3
Supercell 35P	24035P	35	1000	Pipe mounting	1" BSP	318	481	15.4
Supercell 60P	24060P	60	1000	Free standing	1" BSP	388	626	27.1
Supercell 80P	24080P	80	1000	Free standing	1" BSP	388	790	36.7
Supercell 100P	240100P	100	1000	Free standing	1" BSP	430	804	41.7

ISO:9001



WRAS
APPROVED
PRODUCT

ACS
Approved



Made to Davey
Specifications in Taiwan

This literature is not a complete guide to product usage. Further information is available from your Davey dealer, Davey Customer Service Centre and from the relevant product Installation and Operating Instructions. This data sheet 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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WATER PRODUCTS

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