

SUPERCELL TANKS

**Model Numbers:
SUPERCELL 24HP+ (24024HP+)**

DEPEND ON
DAVEY

WATER PRODUCTS



PRESSURE TANKS

PRODUCT DESCRIPTION

Robust hydro-pneumatic water pressure vessels with replaceable diaphragms.

APPLICATIONS

Supercell 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

FEATURES & BENEFITS

Replaceable diaphragm held firmly by a high quality stainless steel closing flange.

Heavy duty butyl diaphragm meets EEC requirements for potable water applications

- Safe, non-toxic

Deep drawn thick steel shell with appliance like epoxy enamel finish

- Protected against rusting for long life
- Allows high operating pressures

Every tank is individually tested

- Guarantee reliable operation

Compliance with the strict requirements of ISO 9001:2000 quality standards

- Consistency of the product

OPERATING LIMITS

Maximum operating pressure
1600kPa (232 psi)

Maximum water temperature
70°C

Tank air pre-charge
200kPa

TECHNICAL SPECIFICATIONS

MATERIALS OF CONSTRUCTION

PART	MATERIAL
Tank shell	Steel
Tank finish	Epoxy powdercoat
Diaphragm	Butyl rubber
Tank closing flange & inlet	304 stainless steel

HYDRAULIC PERFORMANCE - NOMINAL DRAW OFF IN LITRES

Nominal draw off capacity in Litres

Tank model	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)	300-500 (44-88)	500-1000 (73-145)	700-1200 (101-174)	1000-1600 (145-232)
Supercell 24HP+	6.3	8.3	9.0	6.8	9.4	10.2	10.5	9.1	8.4

(Assuming tank pre-charge is 15kPa below cut-in pressure).

Dimensions

Tank model	Diameter (mm)	Height (mm)	Inlet size	
			(BSP male)	Position
Supercell 24HP+	270	485	1"	Bottom

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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Davey Water Products Pty Ltd International

Member of the GUD Group
ABN 18 066 327 517
Head Office and Manufacturing
6 Lakeview Drive,
Scoresby, Australia 3179
Ph: +61 3 9730 9222
Fax: +61 3 9753 4100
Website: davey.com.au
Customer Service Centre
Ph: 1300 367 866
Fax: 1300 369 119
E-mail: sales@davey.com.au
Interstate Offices
Sydney • Brisbane • Adelaide
Perth • Townsville

6 Lakeview Drive,
Scoresby, Australia 3179
Ph: +61 3 9730 9121
Fax: +61 3 9753 4248
E-mail: export@davey.com.au

Germany
Kantstrasse 53,
04275 Leipzig
Ph: +49 341 301 0412
Fax: +49 341 301 0413
E-mail: akrenz@daveyeurope.com

New Zealand
7 Rockridge Avenue,
Penrose, Auckland 1330
Ph: +64 9 570 9135
Fax: +64 9 527 7654
Website: daveynz.co.nz
E-mail: sales@daveynz.co.nz

USA - Davey Pumps Inc.
1005 N. Commons Drive
Aurora, Illinois 60504
Ph: +1 630 898 6976
Fax: +1 630 851 7744
Website: daveyusa.com
E-mail: sales@daveyusa.com