



APPLICATIONS

Supercell G 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



Supercell G Pressure Tanks

Model Numbers: 24200G

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

WHY CHOOSE THE DAVEY SUPERCCELL G TANKS?

Patented CAD2 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.
- Diaphragm and liner design dramatically reduces the opportunity for condensation inside the air chamber.

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 tank life
- Specific wear areas reinforced for longer life of internal parts.

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 completely 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 and Gost quality standards:

- Consistency of the product

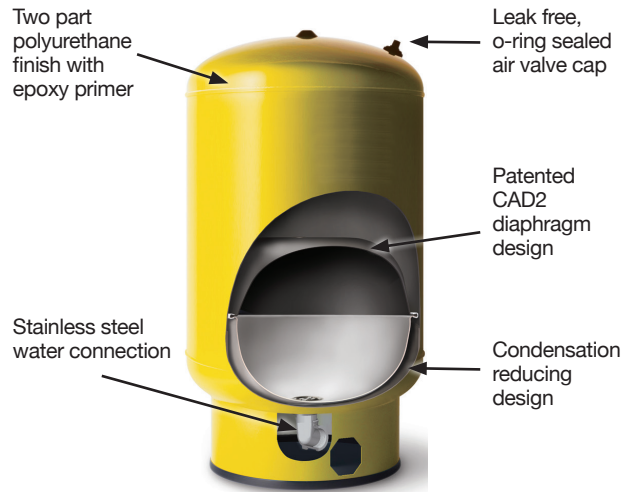
MATERIALS OF CONSTRUCTION

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

OPERATING LIMITS

Maximum operating pressure	800 kPa (116 psi)
Maximum water temperature	90°C
Minimum water temperature	1°C
Tank air pre-charge	160 kPa

SECTIONAL VIEW



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)
24200G	200	1000	57.1	75.0	80.0	60.0	83.3	85.7	90.9	N/A	N/A	N/A	N/A

DIMENSIONS

Model	Diameter	Height	Inlet (Horizontal)			Mounting Type	Shipping Weight (kg)
			Inlet centreline to bottom of tank base	Size (B.S.P Female)	Position		
24200G	534	1041	5.7	1¼"	Bottom	Free standing	38.1

All dimensions in mm unless otherwise stated.

ISO:9001



ACS Approved

