YOU CAN DEPEND ON
DAVEY



MODEL NUMBERS:
24060F, 24080F, 24100F,
24130F, 24200F & 24250F

GUARANTEE
5 YEARS

APPLICATIONS

Supercell F tanks can be used as storage units for water under pressure in household, farm or industrial water pressure systems and water hammer arrestor systems.

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Supercell F

SUPERCELL COMPOSITE TANKS WITH CAPTIVE DIAPHRAGMS

FEATURES & BENEFITS

All 'non-metal' wet internals, including inlet, makes Supercell F ideal for aggressive water and/or environments.

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

Unique composite tank with smooth wear resistant polypropylene internal shell and strong, durable fibreglass outer shell:

- Long service life
- Ideal for aggressive water

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

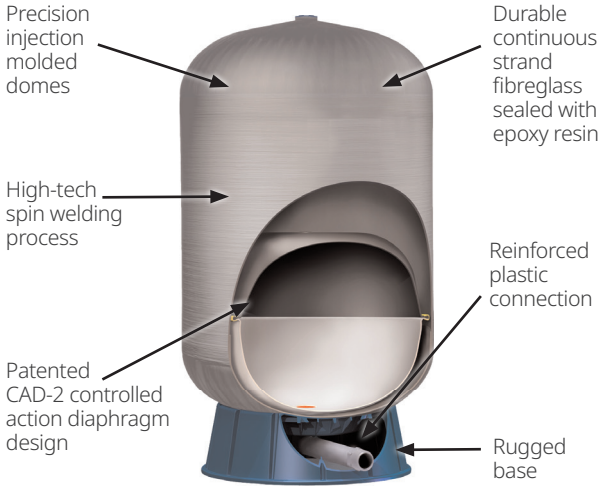
Pressure Tanks

DAVEY

MATERIALS OF CONSTRUCTION	
PART	**MATERIAL**
Tank shell - Inner	Polypropylene
Tank shell - Outer	Continuous strand fibreglass with epoxy seal
Diaphragm	Butyl rubber - FDA approval
Tank inner liner	Virgin copolymer polypropylene
Tank inlet	Reinforced plastic

OPERATING LIMITS	
Maximum operating pressure	860 kPa (125 psi)
Maximum water temperature	50°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)
24060F	60	860	16.1	21.2	22.8	17.2	23.9	24.8	26.6
24080F	80	860	21.5	28.2	30.4	23.0	31.9	28.7	35.5
24100F	100	860	26.3	34.5	37.3	28.3	39.3	41.3	44.3
24130F	130	860	34.9	45.8	49.4	37.3	51.8	53.6	42.3
24200F	200	860	53.7	70.5	76.0	57.4	79.8	82.5	65.0
24250F	250	860	67.1	88.1	95.0	71.8	99.7	103.1	81.3

DIMENSIONS

Model	Diameter	Height	Inlet (Horizontal)				Mounting Type	Shipping Weight (kg)
			End of inlet thread from centreline of tank	Inlet centreline to bottom of tank base	Size (B.S.P Male)	Position		
24060F	418	649	239	45	1″	Bottom	Free standing	8.6
24080F	418	852	239	45	1″	Bottom	Free standing	10.9
24100F	418	967	239	45	1″	Bottom	Free standing	12.7
24130F	418	1227	239	45	1″	Bottom	Free standing	15.2
24200F	542	1098	302	57	1¼″	Bottom	Free standing	21.3
24250F	542	1303	302	57	1¼″	Bottom	Free standing	26.3

All dimensions in mm unless otherwise stated.

ISO:9001 NSF Certified to ANSI/NSF 61 WRAS APPROVED PRODUCT ACS Approved PG FCO3 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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