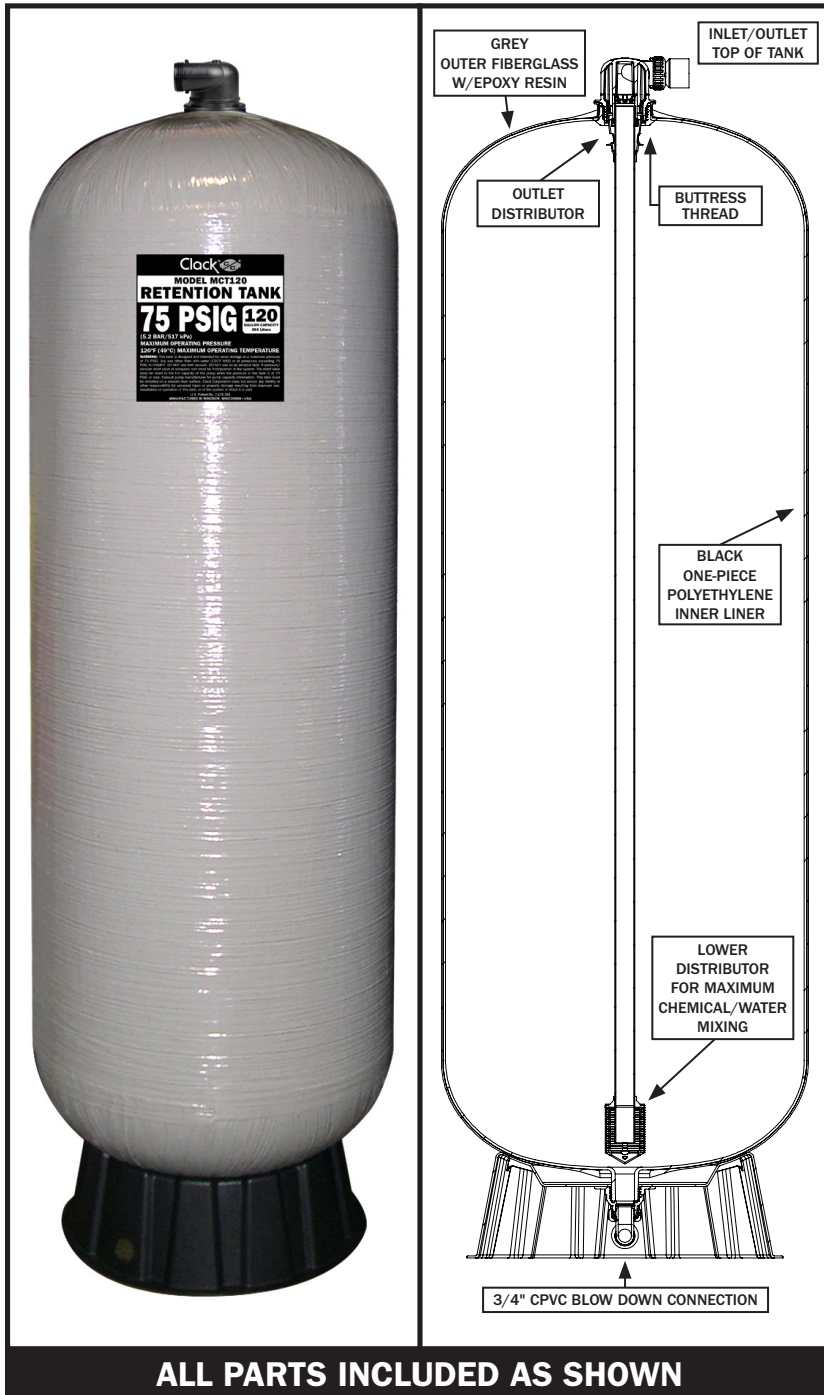


Maximum Contact Tank



ALL PARTS INCLUDED AS SHOWN

FEATURES:

- Convenient Inlet/Outlet piping connection at the top of the tank
- Inlet/Outlet Adapter easily accommodates the use of a vacuum breaker
- Inlet/Outlet Buttress thread for strength
- Bypass valve option available
- Full 3/4" blow down drain at lowest point of tank
- 360° degree drain orientation
- Black one piece polyethylene liner for impact and corrosion resistance
- 5 year limited warranty

SPECIFICATIONS:

- Maximum Operating Pressure 75 psi/517 kPa
- Maximum Operating Temperature 120°F 49°C
- Maximum Allowable Operating Vacuum 0
- A Vacuum/Pressure Relief Valve of adequate size must be incorporated in the plumbing

FITTINGS INCLUDED:

- 1 1/4" x 1 1/2" PVC Straight Solvent Fitting Kit and
- 1 1/4" Plastic Straight Male NPT Fittings



V3007-07

V3317

OPTIONAL:

Bypass



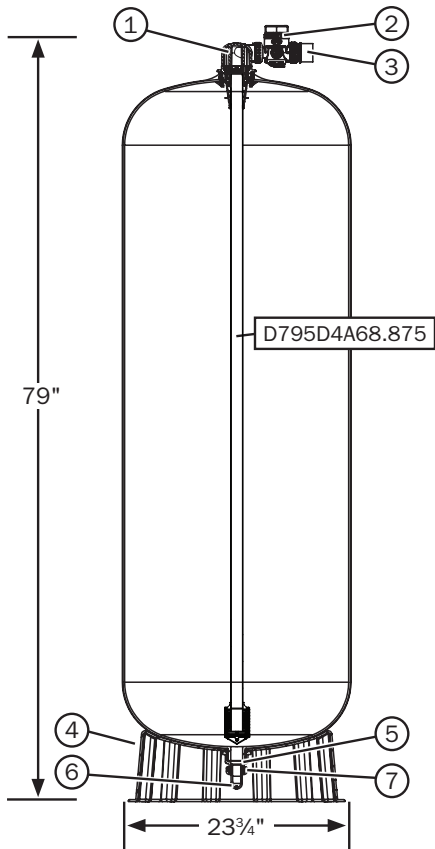
V3006

ORDER NO.	DESCRIPTION	TANK ASSEMBLY DIAMETER INCHES/MM	TANK ASSEMBLY HEIGHT INCHES/MM	CAPACITY GALLONS/LITERS	QTY/ CARTON	SHIPPING WEIGHT LBS/KG
C2253	MCT120 Max Contact Tank	24/607	78.5/1,994	120/454	1	80/36

ORDER NO.	DESCRIPTION	QTY/CARTON	SHIPPING WEIGHT LBS/KG
V3006	Bypass	24	26/12

The MCT120 is designed specifically for use as a bacteriological disinfection contact tank and is not designed for use as an oxidation contact tank. The baffle diffuser assembly mounted at the bottom of the inlet distributor piping is located at the bottom of the MCT120 tank for maximum chemical/water mixing and does not allow area for any buildup of precipitated or oxidized matter in the bottom of the tank.

Maximum Contact Tank

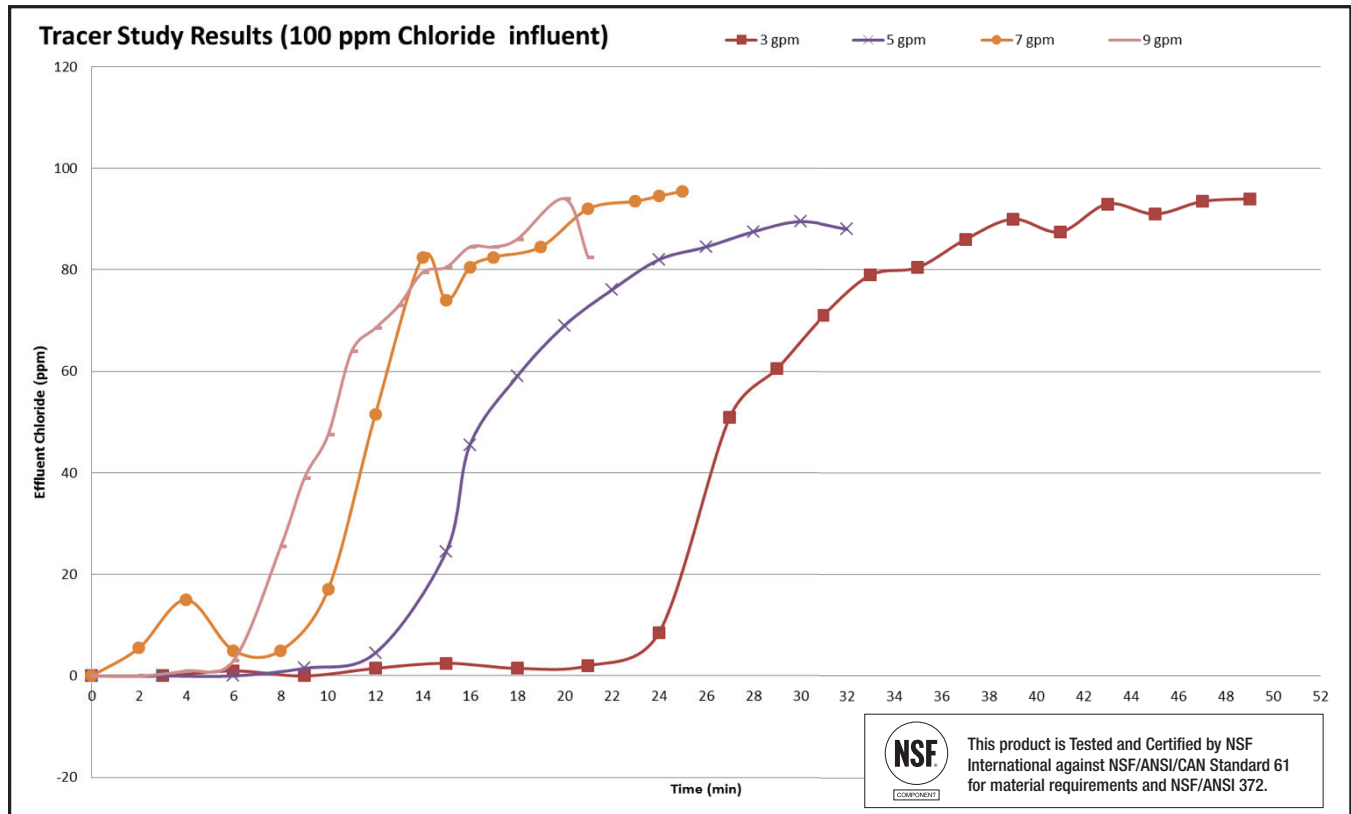


1	D1400RT • 1191RT In/Out Head
2	V3006 • WS1 Bypass Valve (optional)
3	V3007-07 • WS1 1¼" x 1½" Solvent Kit
	V3317 • WS1 1¼" Plastic Male NPT
4	C2256 • RT Tank Base
5	D1291 • RT Tank Drain Adapter
	V3417 • O-ring for Drain Adapter
6	V3790 • WS1 Elbow ¾" Quick Connect
	D1142-10 • ¾" x 10" CPVC Pipe
7	V3151 • WS1 Nut 1" Quick Connect
	V3150 • WS1 Split Ring
	V3105 • WS1 O-ring

Tank Volume (gal)	Flow Rate (gpm)	T* (min)	T10** (min)	Baffling Factor (T10/T)
120	3	40.0	24.25	0.61
120	5	24.0	13.10	0.55
120	7	17.1	9.25	0.54
120	9	13.3	6.85	0.52

* T is contact time which is tank volume divided by flow rate.

**T10 is the time at which 10% of the influent concentration is measured at the effluent of the tank.



MCT120 Average Baffle Factor: 0.56