



WHOLE HOUSE FILTRATION AND SCALE PREVENTION SYSTEM

Systems are designed to provide whole house filtration and scale prevention to protect hot water appliances, plumbing fixtures and prevent scale formation. Two tanks are used to provide this treatment:

Tank #1 Activated carbon (install for down-flow treatment).

Tank #2 Scale prevention (install for up-flow treatment).

Model SP 200

Two 9x48 tanks for flow rates up to 10 GPM

IMPORTANT: Connect cold water line to the “down-flow inlet” of the carbon tank. The outlet of the two-tank system is the “down-flow inlet” of the anti-scale tank. (See markings on the valve heads.)

Specifications

Maximum temperature	110°F (43°C)
Minimum temperature	34°F (1°C)
pH range	6-9
Maximum pressure	125 psi
Flow (carbon)	Down-flow
Flow (scale control)	Up-flow
Pipe connections	1" (tail pieces included)
Tank sizes	Two 9"x 48"
Commercial use	Quotations upon request



MINERAL TANKS AND
MEDIA ARE NSF
CERTIFIED

Installation instructions:

Two 1" 90° elbows, two 1" straight fittings (NPT/slip) and a short length of 1" pipe is required. (The above is NOT provided.)

Follow all plumbing codes, which may apply.

1. Install 1" fittings on by-pass.
2. Connect cold water line to “down-flow” inlet of the carbon tank.
3. Connect outlet of the carbon tank to the “up-flow” inlet of the scale control tank.
4. Connect outlet of the scale prevention tank to service.
5. Close by-pass valves on the scale prevention tank.
6. Slowly open the inlet by-pass valve on the carbon tank to allow tank to fill with faucet open.
7. Fully open the inlet valve on the carbon tank and allow it to run to drain until water is clear.

9. Close the down-stream valve five minutes after the water runs clear.
10. Check for leaks and repair as needed.
11. Slowly open by-pass valves on scale prevention tank with faucet open.
12. Check for leaks and repair as needed.

The system is now ready for use.

Important notes:

1. Do not use SP 200 systems on untreated well water, as Iron, Hydrogen Sulfide, Manganese, organics, Copper and hydrocarbons will foul the media.
2. Carbon tank must be flushed thoroughly prior to installation! For best results attach a sanitary hose fitting to the tank and flush in a down-flow direction.



Important

Because the carbon tank is down flow and the scale control tank is up-flow, please note:

The inlet of the system is labeled on the valve head “down-flow inlet” on the carbon tank. (Or tank #1 inlet).

The outlet of the system is labeled on the valve head “up-flow inlet” on the scale control tank. (Or tank #2 inlet).

ALSO:

It is important to fully flush the carbon tank prior to operation. Do this the day before installation by attaching a hose bib and flush the carbon tank in a down flow direction with sanitary water.

NOTICE:

SP 200 systems provide scale prevention and whole house filtration; however, they are not a water softener and not all “soft water advantages” will be realized. SP 200 systems use no salt, no electricity and waste no water.

For these reasons, we have many satisfied customers using our scale prevention technology.