

Watts® Scale Prevention Systems

The problem

Calcium creates scale in pipes, on appliances and other plumbing surfaces. This leads to higher heating and energy costs and expensive repairs to appliances, such as ice machines, coffee makers, dishwashers and cooling towers in commercial buildings.

Scale can also be a source for bacteria to grow, which can be a health concern in drinking water applications. Calcium, on the other hand, is important to human health, and supplements are recommended if Calcium is reduced or totally void in one's diet.



The solution

WATTS® scale prevention systems transform Calcium *ions* into Calcium *crystals*, which are stable and cannot attach to pipes, surfaces, hardware or heat exchanger components. The crystals are so small they are easily rinsed away by the water flow.

Benefits

- No scale!
- No costly repairs.
- Saves water!
- No salt!
- No brine tank!
- No control valve!
- Easy installation!

Note: For satisfactory results recommended flow rates and model sizing must be followed.

Residential models

Part Number	Tank Size (Vortech®) (In.)	Pipe Size (In.)	Media Liters	Gravel Lbs.	Service Flow GPM	Floor Space L x W x H (In.)	Ship Wt. (lbs)
M8408-RES	8x35	1"	3.5	NA	10	11x11x42	30
M8409-RES	9x35	1"	4	NA	12	12x12x42	32
M8410-RES	10x54	1"	4.5	NA	15	13x13x61	37
M8412-RES	12x52	1"	6.5	NA	20	15x15x59	45
M8413-RES	13x54	1"	7.5	NA	25	15x15x61	51

Note: By-pass valves are optional. KC11V3006 is optional by-pass valve for 1" systems. Maximum hardness is 25 grains per gallon at specified flow rates.

Commercial models

Part Number	Tank Size (Vortech®) (In.)	Pipe Size (In.)	Media Liters	Gravel Lbs.	Service Flow GPM	Floor Space L x W x H (In.)	Ship Wt. (lbs)
M8409-COM	9x35	1"	5.5	NA	12	12x12x42	32
M8410-COM	10x54	1"	6.25	NA	15	13x13x61	37
M8412-COM	12x52	1"	9.25	NA	20	15x15x59	45
M8413-COM	13x54	1"	11	NA	25	15x15x61	51
M8414-COM	14x65	1"	12.5	NA	30	15x15x72	77
M8416-COM	16x65	1.5"	16.5	50	50	17x17x72	138
M8421-COM	21x62	1.5"	28	100	70	22x22x69	250

Note: Commercial systems designed for long runs and high usage. By-pass valves are optional. Maximum hardness is 25 grains per gallon at specified flow rates.