

# DEMAND AND TIME CLOCK REGENERATED WATER SOFTENERS

## Reduces

- Hardness and mineral deposits (calcium, manganese and iron)
- Iron-staining
- Scale build-up
- Soap film
- Water spots (on pots, pans, glassware, sinks and tubs)

## Increases

- Plumbing and appliance life
- Effectiveness of detergents for cleaner, brighter wash

## Demand Regeneration

- Saves water and salt
- Regenerates only when necessary, saving energy and money
- Monitors actual water usage
- Two demand units available
  - 0.75 ft<sup>3</sup>
  - 1.0 ft<sup>3</sup>

## Time Clock

- 12-day calendar clock
- Regenerates automatically at pre-set intervals
- One time-clock unit available
  - .75 ft<sup>3</sup>



Tested and Certified by the Water Quality Association against NSF/ANSI Standard 44 for softener performance and Amex-G.

NOTE: See sizing chart on page 8.



# DEMAND AND TIME CLOCK REGENERATED WATER SOFTENERS

## Reduces

- Hardness and mineral deposits (calcium, manganese and iron)
- Iron-staining
- Scale build-up
- Soap film
- Water spots (on pots, pans, glassware, sinks and tubs)

## Increases

- Plumbing and appliance life
- Effectiveness of detergents for cleaner, brighter wash

## Demand Regeneration

- Saves water and salt
- Regenerates only when necessary, saving energy and money
- Monitors actual water usage
- Four demand units available
  - 1.0 ft<sup>3</sup>
  - 2.0 ft<sup>3</sup>
  - 1.5 ft<sup>3</sup>
  - 3.0 ft<sup>3</sup>

## Time Clock

- 12-day calendar clock
- Regenerates automatically at pre-set intervals
- Two time-clock units available
  - 1.0 ft<sup>3</sup>
  - 1.5 ft<sup>3</sup>

NOTE: See sizing chart on page 8.

SPECIFICATIONS		Demand Water Softeners	Time Clock Water Softener
Item Number	162401	162403	162402
Model Number	W425F***	W426F***	W424F
Resin Tank Size	9" x 35"	10" x 35"	9" x 33"
Softener Style	Cabinet	Cabinet	Cabinet
Salt Storage	225 lbs	225 lbs	225 lbs
Resin Volume	0.75 ft <sup>3</sup>	1.0 ft <sup>3</sup>	0.75 ft <sup>3</sup>
Exchange Capacity** (grains at pounds of salt)	9,000 @ 9.25# 14,800 @ 4.50# 17,100 @ 6.75#	12,900 @ 3.0# 20,200 @ 6.0# 23,200 @ 9.0#	18,600 @ 10# 23,000 @ 15#
Peak Flow @ 15 psi drop	10.8 gpm	11.5 gpm	8 gpm
Service Flow Rate	5.5 gpm	8.0 gpm	6 gpm
Total Hardness	60 grains	60 grains	60 grains
Total Iron Removal*	2 ppm	2 ppm	2 ppm
Backwash Rate	1.5 gpm	2.4 gpm	1.5 gpm
Bypass Valve	Yes	Yes	Yes
Valve Model (Flick)	5600 meter	5600 meter	5600 TC
Connection Size	1-inch	1-inch	1-inch
Control Power Requirement	120 V AC 50/60 Hz 15 W to 24 V AC 400 mA	120 V AC 50/60 Hz 15 W to 24 V AC 400 mA	120 V AC 50/60 Hz 15 W to 24 V AC 400 mA
Installation Space Requirements	13" x 22" x 45"	13" x 22" x 45"	13" x 22" x 45"
Shipping Weight	75 lbs	85 lbs	75 lbs

\*Iron removal not based on certified WQA test data.

\*\*Capacity as determined by WQA Testing.

\*\*\*Tested and Certified by the Water Quality Association against NSF/ANSI Standard 44 for softener performance and Amex-G.

NOTE: Certain states require certification of Water Softeners and Automatic Filters. Call Technical Support at 800.863.9392 for details.

SPECIFICATIONS		Demand Water Softeners	Time Clock Water Softeners
Item Number	162406	162412	162410
Model Number	W430F	W460F	W451F
Resin Tank Size	9" x 48"	10" x 54"	10" x 54"
Brine Tank Size	18" x 33"	18" x 33"	18" x 33"
Softener Style	Two-Tank	Two-Tank	Two-Tank
Salt Storage	325 lbs	425 lbs	325 lbs
Resin Volume	1.0 ft <sup>3</sup>	1.5 ft <sup>3</sup>	1.0 ft <sup>3</sup>
Exchange Capacity** (grains at pounds of salt)	24,800 @ 10# 35,300 @ 15#	49,600 @ 10# 66,600 @ 15#	24,800 @ 10# 35,300 @ 15#
Peak Flow @ 15 psi drop	11 gpm	15 gpm	11 gpm
Service Flow Rate	9 gpm	13 gpm	9 gpm
Total Hardness	60 grains	60 grains	60 grains
Total Iron Removal*	2 ppm	2 ppm	2 ppm
Backwash Rate	2 gpm	3.5 gpm	2 gpm
Bypass Valve	Yes	Yes	Yes
Valve Model (Flick)	5600 meter	5600 meter	5600 TC
Connection Size	1-inch	1-inch	1-inch
Control Power Requirement	120 V AC 50/60 Hz 15 W to 24 V AC 400 mA	120 V AC 50/60 Hz 15 W to 24 V AC 400 mA	120 V AC 50/60 Hz 15 W to 24 V AC 400 mA
Installation Space Requirements	18" x 32" x 58"	18" x 44" x 62"	18" x 32" x 58"
Shipping Weight	85 lbs	110 lbs	85 lbs

NOTE: Certain states require certification of Water Softeners and Automatic Filters. Call Technical Support at 800.863.9392 for details.



Time clock valve



Demand valve