



Fleck 2900/1700 2" Commercial Systems

Includes Fleck 2900/1700 2" valve with 1700 time brining, commercial distributors, gravel bed, and high-capacity resin. Commercial brine tank(s) includes a Clack 454 Hi-Flow Safety Valve, air check, overflow elbow, 5" brine well and cap.

2900/1700 AUTOMATIC TIME CLOCK SYSTEMS

29/17T-120-C2441	120,000 Grain System
29/17T-150-C2450	150,000
29/17T-210-C2450	210,000
29/17T-300-C3048	300,000
29/17T-450-C3948	450,000
29/17T-600-C5060	600,000

2900/1700 AUTOMATIC METER SYSTEMS

29/17M-120-C2441	120,000 Grain System
29/17M-150-C2450	150,000
29/17M-210-C2450	210,000
29/17M-300-C3048	300,000
29/17M-450-C3948	450,000
29/17M-600-C5060	600,000



New Single-Piece Casting shown with treated water regeneration adapter

Product Features

- Incorporates 2 time-tested hydraulically balanced pistons to independently pilot service flow and regeneration
- Brings great performance and versatility to commercial/industrial applications
- For use with the single or multiple tank systems
- Softener Application Capabilities Up to 36" Tanks (5 gpm/sq. ft.)
- Service Flow Rate 106 GPM (15 psi drop)
- Available with 7 or 12 day timer or meter to control regeneration
- Lead-free brass valve body for superior strength and durability
- No hard water bypass piston
- Filter Application Capabilities Up to 24" Tanks (10 gpm/sq. ft.)
- New Drain Size Fitting of 1" NPT
- Max Backwash Rate of 35 GPM (25 psi drop)



Model Number	Tank Size		Capacity		Resin Cu Ft	Support Bed		Flow Rates		BKW	Salt Req'd		Space Req'd L x W x H	Shipping Weight
	Resin	Brine	Min	Max		1/2" x 1/2"	1/2" x 1/4"	Min	Max		10#	15#		
29/17-120	16 x 65	24 x 50	96k	120k	4	-	75	40	57	7	40	60	44 x 24 x 75	435
29/17-150	18 x 65	24 x 50	120k	150k	5	-	100	50	62	9	50	75	46 x 24 x 78	575
29/17-210	21 x 62	24 x 50	168k	210k	7	100	50	55	77	12	70	105	49 x 24 x 74	740
29/17-300	24 x 72	30 x 48	240k	300k	10	150	100	60	95	15	100	150	58 x 30 x 81	1125
29/17-450	30 x 72	39 x 48	360k	450k	15	250	100	75	140	25	150	225	73 x 39 x 88	1580
29/17-600	36 x 72	50 x 60	480k	600k	20	350	150	100	140	35	200	300	82 x 42 x 95	2115

• Capacities are based on resin manufacturer's data • All units set at minimum salt settings • When sizing units, use minimum capacity • All flow rates are in Gallons per Minute • All sizes and space required are in inches

2" Meter Range • Std. Range - 21,250 Gallons • Ext Range - 106,250 Gallons

Fleck Commercial System

NelsenWater

Treatment Solutions

Commercial Equipment

Our Nelsen Corporation Commercial/Industrial water treatment equipment is designed for a wide variety of applications. Potential uses include apartment complexes, hospitals, factories, nursing homes and many other applications where high flow rates and capacities are a requirement.

One of the requisites for a successful and profitable sale is the proper matching of equipment to the intended use. Water softening equipment must be designed and sized according to the job it must perform. This indicates the need for a carefully-selected combination of tank sizes, capacities and flow rates.

The chart below lists the general specifications for the units that we build.

GENERAL SPECIFICATIONS FOR MOST UNITS IN THIS SECTION

(Call us for detailed specifications on specific units)

GRAINS CAPACITY	120,000	150,000	210,000	300,000	450,000	600,000	900,000	1,200,000
Grains Capacity (1)	120,000	150,000	210,000	300,000	450,000	600,000	900,000	1,200,000
Grains Capacity (2)	96,000	120,000	168,000	240,000	360,000	480,000	720,000	960,000
Cubic Ft. Material	4	5	7	10	15	20	30	40
Pounds Mineral	200	250	350	500	850	1050	1500	2000
Gravel Bed, 1/4" x 1/8"	75#	100#	50#	100#	100#	150#	250#	300#
Gravel Bed, 1/2" x 1/4"	-	-	100#	150#	250#	350#	450#	600#
Mineral Tank Size	16" x 65"	18" x 65"	21" x 62"	24" x 72"	30" x 72"	36" x 72"	42" x 72"	48" x 72"
SVC Flow Rate, G.P.M.*	Varies	Varies	Varies	Varies	Varies	Varies	Varies	Varies
Backwash Flow	7	9	12	15	25	35	50	65
Commercial Brine Tank	24" x 50"	24" x 50"	24" x 50"	30" x 48"	39" x 48"	50" x 60"	50" x 60"	50" x 60"
Floor Space Required	24" x 42"	24" x 47"	24" x 47"	30" x 56"	39" x 62"	50" x 77"	50" x 83"	50" x 89"

(1) At 15 Pounds Per Cubic Foot = 30,000 Gr. C.F.

(2) At 9 Pounds Per Cubic Foot = 24,000 Gr. C.F.

*Please consult the following pages for sizing, flow rates, and pricing on all available models.