

Manual Elevated

- Free standing or riser mounted
- Designed to have the horizontal and vertical movement controlled at ground level
- Control options:
 - Lever/tiller
 - Gear Driven



Manual Elevated
Mo. 8394-02RC

200
PSI

1000
GPM



MANUAL ELEVATED

SPECIFICATIONS				
	299-11EL*		8394-02RC	
Max. GPM (LPM)	750		1000	
Inlet	Sizes / Types		Size / Type	
	6"	150# ANSI Flange		
	4"	150# ANSI Flange	4"	150# ANSI Flange
Outlet	2.5" NHT		3.5" NHT	
Controls	Tiller with locks		Dual hand-wheel	
Material/Finish	Brass and steel with red urethane enamel		Brass with red urethane enamel	
Friction Loss (excludes head loss)	13 psi at 750 gpm		10 psi at 1000 gpm	
	8 psi at 500 gpm		6 psi at 750 gpm	
Travel	V -37° to +45° (78°)		V -45° to +90° (135°)	
	H 360° (continuous)		H 360° (continuous)	
Elevation Height	Min. 10'		Min. 0'	
	Max. 40'		Max. 34'	
Weight	300 Lbs.		140 Lbs.	

*All data supplied for 299-11EL assumes 10' riser pipe. Other lengths will change the data.

299-11EL



(1)

- Completely free standing
- Tiller handle operation for quick, easy stream directing
- Tubular steel horizontal drive sleeve for continuous 360° rotation
- Horizontal and vertical travel locks
- Available in standard heights from 10' to 40'

8394-02RC



(2)

- Base and upper that can be fabricated to any height (up to 34') with customer supplied intermediate pipe
- Lower base unit features chrome-plated brass worm gear and drive shaft
- Upper monitor unit features hardened steel worm gear, fully enclosed gear housing and stainless steel worm shaft
- Free standing to
 - 10' at 1000 gpm
 - 15' at 750 gpm
 - 20' at 500 gpm
- Up to 34' and/or higher flow requires use of support bearing
- 9" chrome hand-wheels
- Grease zerks furnished at swivel joints for easy lubrication
- Intermediate pipe attaches to upper monitor and base sections via NPT threads
- Intermediate pipe (4" schedule 40) and vertical drive rod (5/8") not included

Elevated Monitor Selector Guide

INLET SIZES		OUTLET SIZES		CONTROLS		Galvanized Waterway	Riser Supplies	ELEVATION HEIGHT		Max Flow Limit @ Max Height	ILLUSTRATION	MODEL
4"	6"	2.5"	3.5"	Dual Hand-wheel	Tiller Handle			Min.	Max.			
s	o	•			•	o	o	10'	40'	750	1	299-11EL*
s			•	•				0'	34'	500	2	8394-02RC

KEY: s = standard o = option
Specify length when ordering.
* Per client installation

Components & Options Chart

COMPONENTS & OPTIONS			ILLUSTRATION	MODEL
Support Bearing	8394-02RC	For monitor support when overall height exceeds monitor limits (for use with 500 GPM flowed at 20'; 750 GPM flowed at 15'; or 1000 GPM flowed at 10')	4	295
Companion Flange		4" 150# ANSI Steel flange with bolts and gaskets		81317001
External Supply Items				
Riser Pipe	8394-02RC	4" intermediate riser pipe		
Drive Rod	8394-02RC	0.625" brass or stainless steel drive rod for linking the vertical drive unit to the monitor		

Recommended Products

CJ-B-RC – SELECT-O-STREAM®	283B – STREAM SHAPER	181 – DELUGE TIP
		
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ADDITIONAL INFORMATION

- Marine Brass (85-5-5-5) construction is available on some models. Please inquire with our sales staff.
- Other bases may be available on some models. Please inquire with our sales staff.
- Technical Data on monitor performance may be found on page T-11.
- Nozzle Reaction Force x Height (in feet) of monitor = torque (Foot Pounds) at base of monitor.

OPTIONS

295 SUPPORT BEARING



- Designed so that 4" waterway and vertical control rod can rotate inside of bearing. 3" NPT female for attaching to adjacent support
- Finish: red urethane enamel
- Weight: 31.5 lbs.

COMPANION FLANGE

- 150# ANSI cast steel flanges, supplied with bolts and gasket. Specify:
- 3" (P/N 81315001)
- 4" (P/N 81317001)