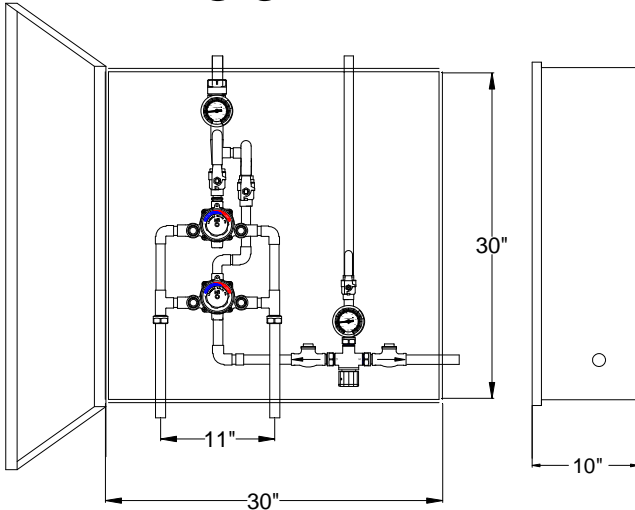


# NEXT GENERATION HIGH LOW SYSTEM

## TM-186-420B-LF-DT-RF-R34- STSTL-EXP Recirculation Cabinet Assembly

### ECO-MIX™

TM-186-420B-LF-DT-RF-R34-STSTL-EXP  
 3/4" inlets and 1" outlet



- Large Type TM Thermostatic water mixing valve, adjustable high temperature limit stop, inlet checkstops, wall support, outlet ball valve
- Small Type TM Thermostatic water mixing valve, adjustable high temperature limit stop, inlet checkstops, outlet ball valve
- 3/4" inlets, 1" outlet (19mm X 25mm)
- 1 GPM (3.8 l/min) minimum flow capacity
- Inlet manifold piping
- Dura-trol® solid bimetal thermostat directly linked to valve porting to control the intake of hot and cold water and compensate for supply temperature or pressure fluctuations. Dura-trol® is highly responsive and cannot be damaged by extremes in temperature
- Adjustable high temperature limit stop set for 120°F (49°C)
- Thermometer on outlet
- 3/4" Return loop with thermometer and ball valve
- 3/4" Leonard ARV automatic return valve, (return limiter)
- Check valves on either side of ARV
- Complete unit mounted in a exposed stainless steel #4 finish cabinet with cylinder lock
- Valve assembly rough bronze finish
- Factory assembled and tested
- See Flow Capacity Chart reverse side
- Up to 8 GPM recirculation flow


MINIMUM FLOW (GPM) (l/min)	SYSTEM PRESSURE DROP (PSIG)										PSI BAR
	5	10	15	20	25	30	35	40	45	50	
1.0 (3.8)	12	18	22	26	30	33	36	39	42	44	GPM l/min
	.3	.7	.97	1.4	1.7	2.1	2.4	2.8	3.1	3.4	159
	45	68	83	98	114	125	136	148	159	167	

#### OPTION

\_\_\_BWE-EXP Exposed baked white cabinet

Valve assembly is certified to meet Low-Lead requirements of wetted surface area containing less than 0.25% lead by weight. All other fittings and components, the sum total of which comprise the wetted surface of this product contain less than one quarter of one percent of lead by weight.

**NOTE: SFI, RP1, and Recessed cabinet options NO LONGER AVAILABLE in select model cabinets, 1/15**

Valve is ASSE 1017 certified 

Valve is CSA certified 



**WARNING:** This product can expose you to chemicals including lead, which is known to the State of California to cause cancer. For more information, go to [www.P65Warnings.Ca.gov](http://www.P65Warnings.Ca.gov)

Note: Leonard Valve Company reserves the right of product, or design modifications without notice or obligation.

NOTE: Flowrates will vary depending on existing field conditions. Leonard Valve Company always recommends using CASPAK® sizing software for proper valve sizing and model number applications.

Engineer's Approval \_\_\_\_\_

Job # \_\_\_\_\_

Arch/Eng. \_\_\_\_\_

Contractor \_\_\_\_\_

Product is non-cancellable and non-returnable from date from order with factory. Signed submittal required with purchase order.



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Note: The models shown represent Leonard Products which are believed to be equivalent in type and function to items specified. Leonard Valve Company is not responsible for errors or omissions due to differences in interpretations of information provided.