



## Water Circulation Pumps & Circulators

### 0026e™ ECM High-Efficiency Circulator

The 0026e™ is a high-performance, variable speed, wet-rotor circulator with high-efficiency ECM permanent magnet technology. With 5 easy settings, its variable speed performance curves are equivalent to the Taco 0010, 0011, 0012, 0012 3-Speed & 0014. Ideal for large residential and light commercial hydronic heating, chilled water cooling and domestic hot water systems.

The 0026e reduces power consumption by up to 85% compared to equivalent AC permanent split capacitor circulators. With a maximum of 26 feet of head and 44 gpm, it is available in either Cast Iron or NSF certified Stainless Steel.



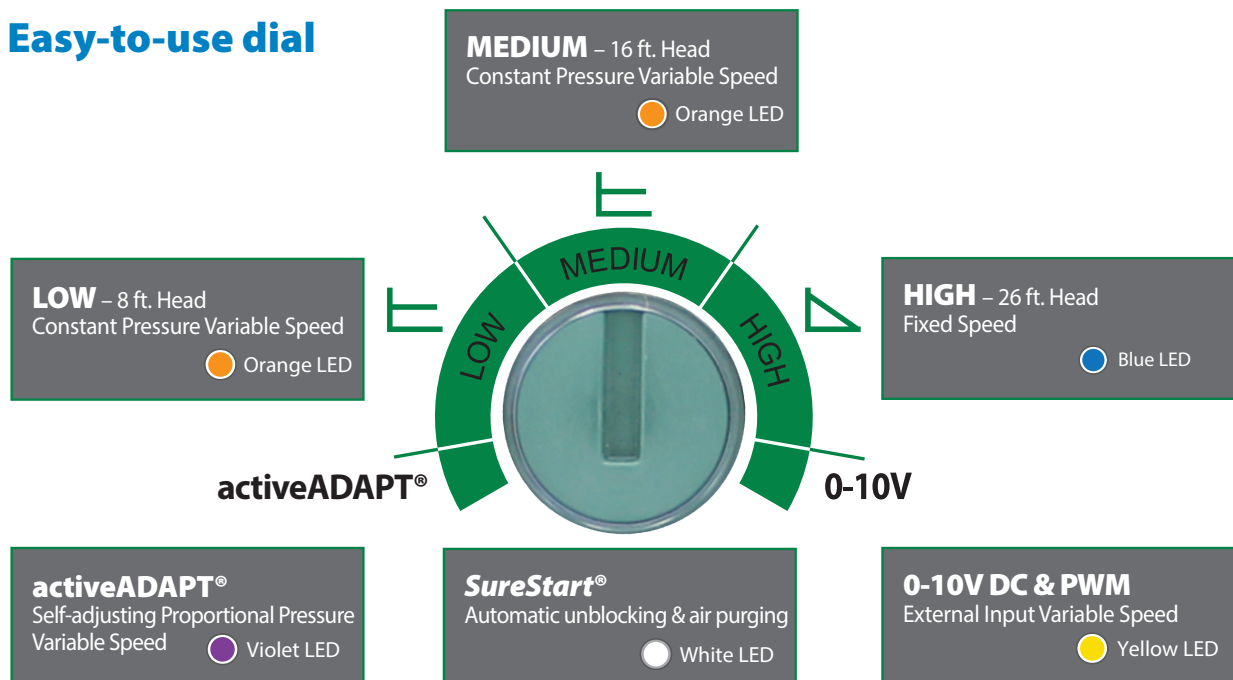
## Applications



### APPLICATION:

- Maximum operating pressure: 150 psi (10.3 bar)
- Maximum fluid temperature: 230°F (110°C)
- Minimum fluid temperature: 14°F (-10°C)
- Electrical specifications:
  - Voltage: 115/208/230V, 50/60 Hz, single phase
  - Maximum operating power: 170W
  - Maximum amp rating: 1.0 (115V) / .50 (230V)
- Equipped with a cast iron or stainless steel casing
- Stainless Steel model suitable for open loop potable water systems
- Taco circulators are for indoor use only
- Acceptable for use with water or maximum of 50% water/glycol solution

## Easy-to-use dial



## Features



### FEATURES:

- 5 easy dial settings to match system requirements
  - activeADAPT®, LOW, MEDIUM, HIGH or 0-10V DC analog or PWM digital signal external input
- **BIO Barrier®** protects the pump from system contaminants
- **SureStart®** automatic unblocking and air purging mode
- Replaces all single speed and 3-speed circulators in its class
- Multi-color LED: power on, mode setting and error code diagnostics
- Use with a Taco ZVC Zone Valve Control or SR Switching Relay for ON/OFF operation
- Nut-grabber feature on flanges for easier fit up
- Dual electrical knockouts and removable quick-connect terminal strip for easy wiring
- Whisper quiet operation
- Rotatable control cover to simplify installation

**Pump Replacement Chart**  
(6-1/2" Flange-to-Flange Dimension)

Taco	Bell & Gossett	Armstrong	Grundfos	Wilo
2400-10	PL 50	E 13	UP 50-75	Stratos:
2400-20	PL 30	E 11	UPS 50-44	1.25 x 3 – 25
2400-30	Series e (e-601)	E 10	UP 43-75	1.25 x 3 – 20
2400-40	Series 60 (601)	E 7	UP(S) 26-99	
110	Series HV	S 25	UP 26-96	Top S:
111	Series PR	H 52	UP 26-64	1.25 x 15
112	Series HV	H 51	UPS 32-40	1.25 x 25
113	Series 100	H 32	UPS 32-80	1.50 x 20
0010	NRF 36	Astro 280	Magna 32-60	
0011	ECOCircXL 20-35	Astro 210	Alpha2 26-99	Top Z:
0012	ECOCirc XL 36-45	Compass ECM		1.5 x 15
0014				1.5 x 20

NOTE: Flange size and flange-to-flange dimensions will vary by competitive model and may require some piping changes.

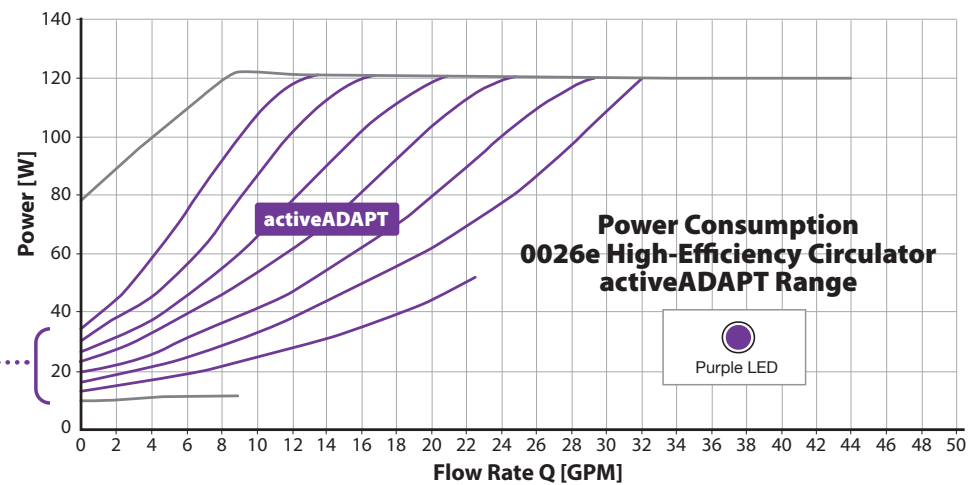
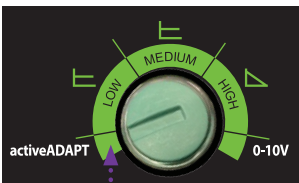
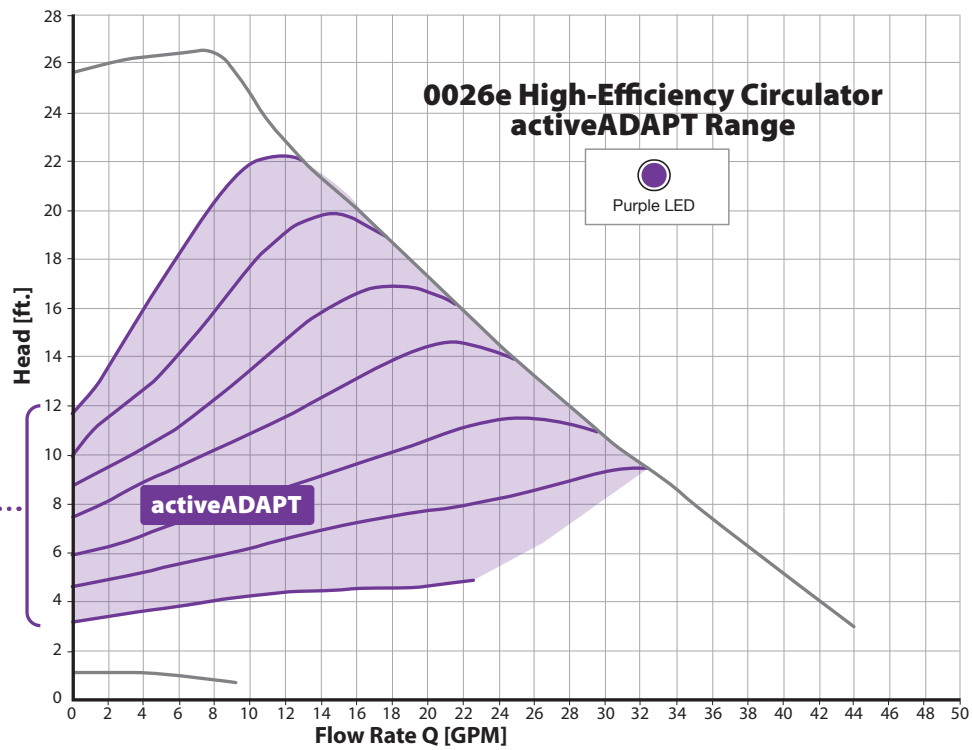
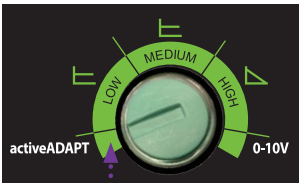


Stainless Steel  
Model Only

# Performance Curves

## activeADAPT® Mode:

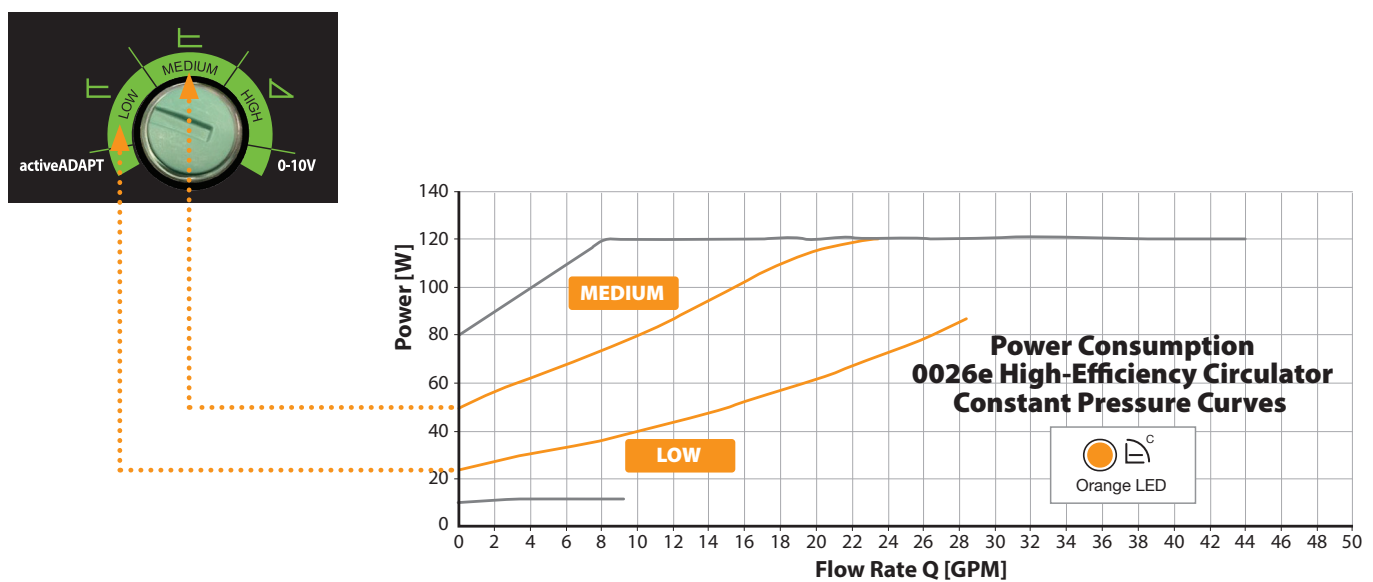
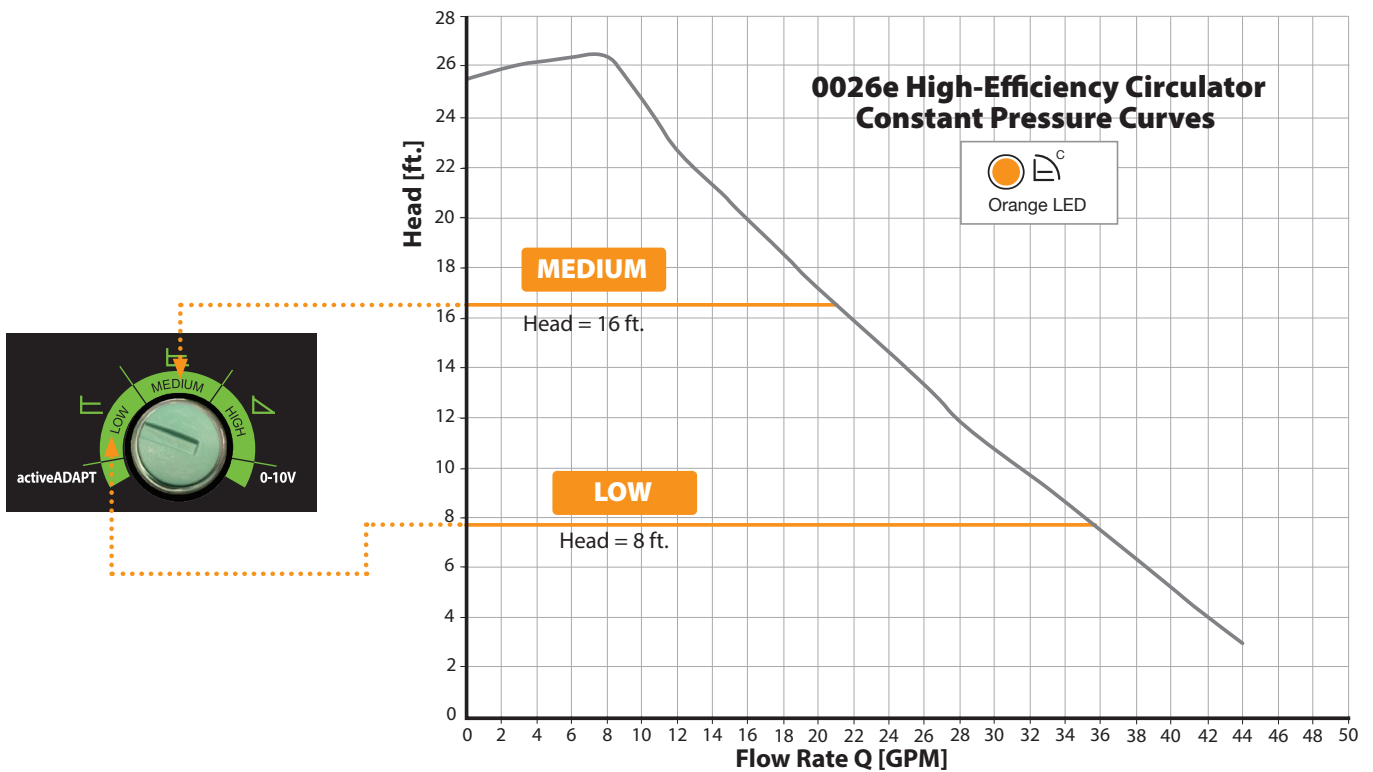
activeADAPT is an operating mode designed for constant circulation systems. On this setting, the circulator will sense changes in system flow and head conditions and adjust the operating curve automatically.



## Performance Curves

### Constant Pressure Mode:

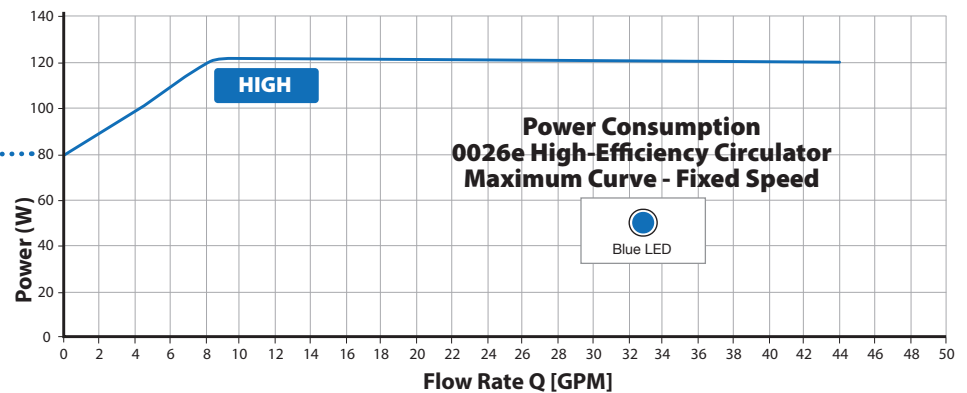
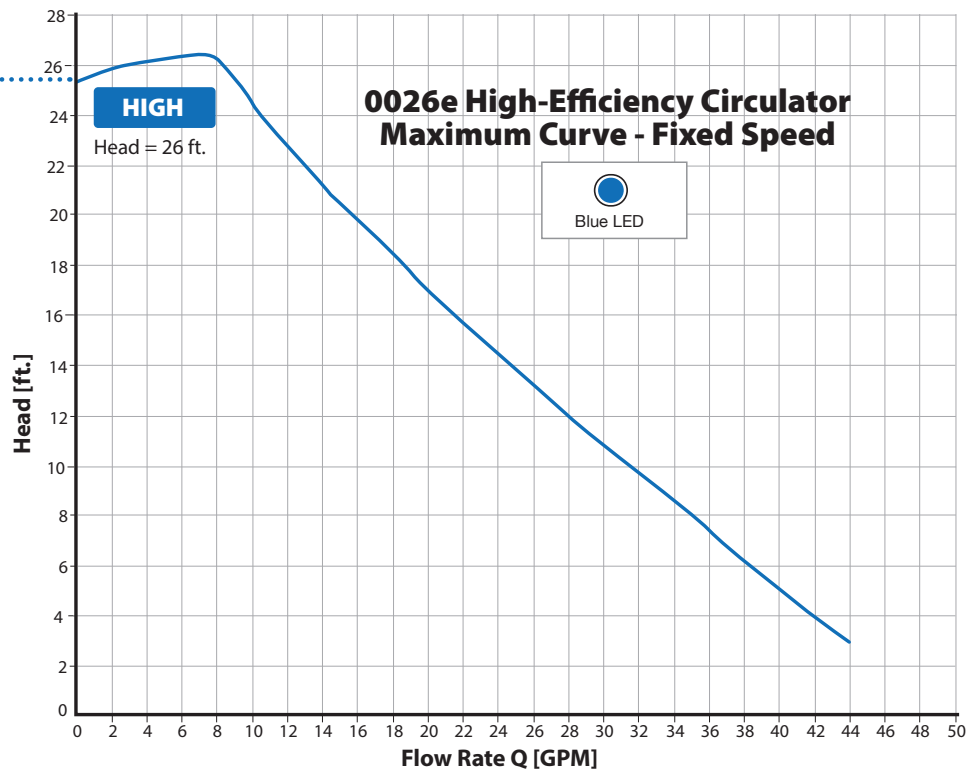
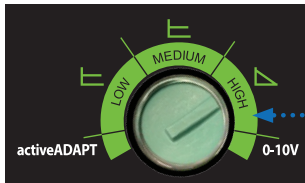
At Low setting the circulator will vary speed to maintain 8 feet of head constant pressure. At Medium setting the circulator will vary speed to maintain 16 feet of head constant pressure.



## Performance Curves

### Fixed Speed Mode:

At High setting the circulator always operates at full speed.

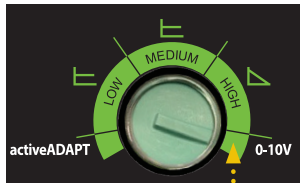




## Performance Curves

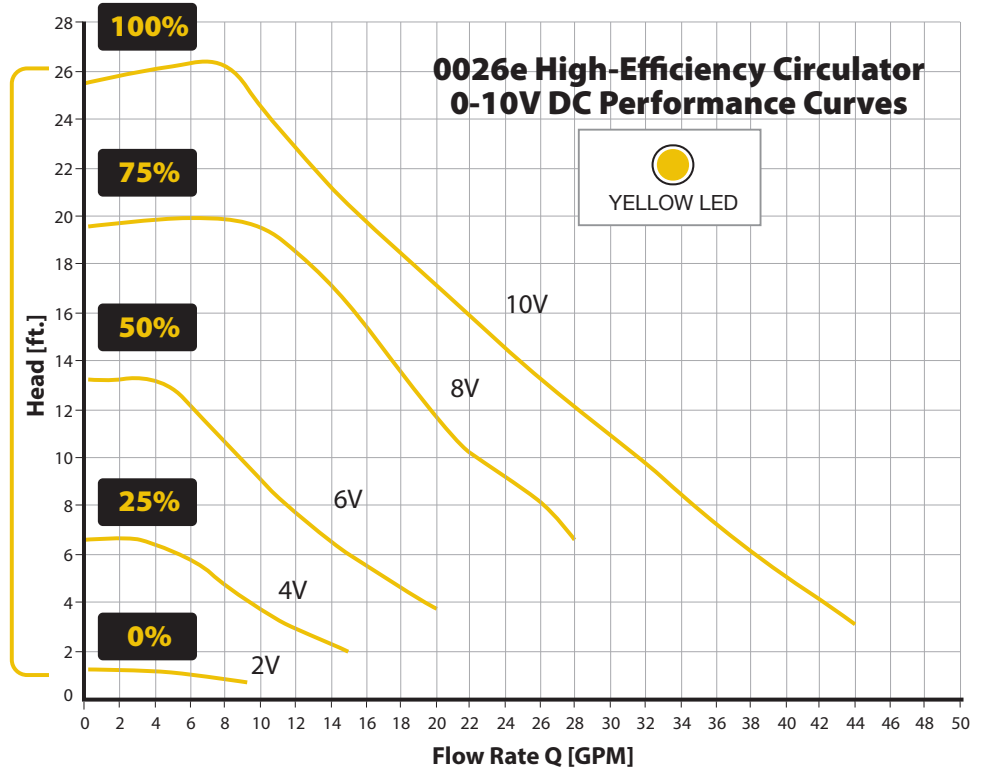
### 0-10V DC or PWM External Input:

The circulator will vary its speed and performance based on a 0-10V DC analog or PWM digital signal external input.



0-10V

PWM (Pulse Width Modulation)



0-10V

### Power Consumption 0026e High-Efficiency Circulator 0-10V DC Curves

