



Water Circulation Pumps & Circulators

0015e3® ECM High-Efficiency Circulator

Taco 0015e3® is a variable speed, high-efficiency, wet rotor circulator with an ECM permanent magnet motor. It is available in cast iron for closed loop hydronic heating, or stainless steel for open loop or domestic water applications. With 3 easy settings, the 0015e3 delivers performance, reliability and ease of installation that made the 00® famous.



Features & Benefits

The 0015e3® ECM circulator: Three settings. One reputation.



Use the Cast Iron 0015e3 with a Taco Switching Relay or Zone Valve Control



Use the Stainless Steel 0015e3 for open loop potable hot water systems with up to 1,000 feet of recirculation piping

- 18' Shut-off head, 16 gpm max flow
- Replaces all 3-speed hydronic circulators in its class
- High-efficiency ECM motor uses up to 85% less electricity
- **SureStart®** automatic unblocking and air purging mode
- **BIO Barrier®** protects pump from system contaminants (Cast Iron only)
- **Green Mode** active system monitoring and automatic power optimization
- Nut-grabber feature on flanges for easier fit-up
- Dual electrical knockouts, 6" stranded wire leads included for easy wiring
- Integral Flow Check (IFC®) included
- Double insulated — No ground wire required
- Whisper quiet operation
- Cast Iron models available with standard or universal flange
- Stainless Steel models available with universal flange or 1" union connection
 - Customizable 1/2" & 3/4" union fitting sets available in sweat, NPT or press (Sold Separately)

Multi-color LED showing operating mode and error code diagnostics



Orange LED:
Indicates 007e is running normally



SureStart® LED:
Indicates the innovative **SureStart®** automatic unblocking and air purge is active



Green Mode LED:
Indicates the 007e is running in **Green Mode** for power optimization

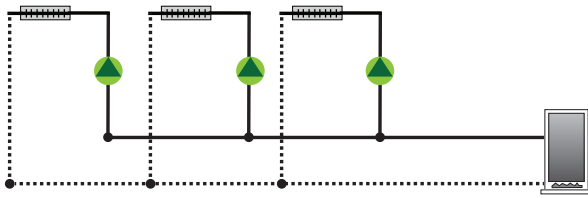
Replaces ALL 3-speed hydronic circulators in its class

Taco	Grundfos	Armstrong	Xylem/B&G	Wilco
005	UP15-10	Astro 225	ecocirc 19-16	Star S 16
006	UP15-42	Astro 230	NBF-22/NRF-22	Star S 21
007	UPS15-55	Astro 250	NBF-25/NRF-25	Stratos ECO 16
008	UPS15-58	Astro 20	NBF-9/NRF-9F/LW	
0015	Alpha 15-55	Astro 25	SSF-9U/LW	
0015 3-Speed	Alpha2 15-55	Astro 30		
007e		Astro 30-3		
		Astro 50-3		
		Compass H20-20		

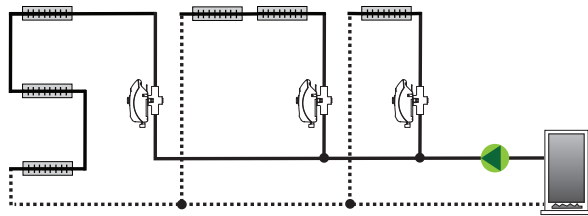
Applications & Performance

Typical Applications for Closed Loop Hydronic Heating Systems

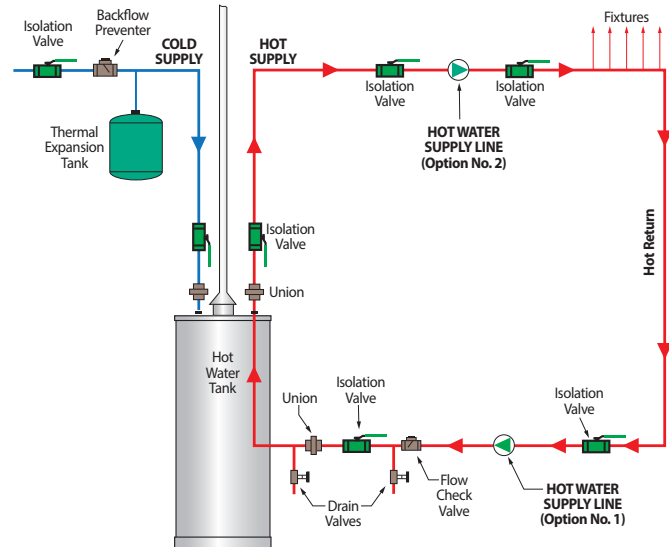
For zoning with circulators



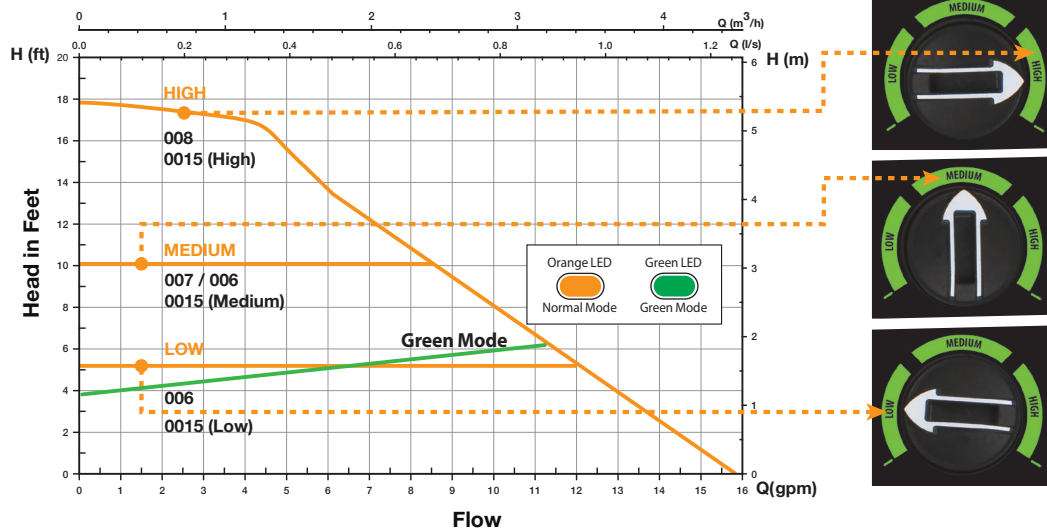
Across a series loop system using zone valves



Typical Installation for Open Loop Hot Water Recirculation Systems



Performance Curves



The 0015e3 circulator provides three constant pressure settings to match system requirements. Selection options are **LOW** (5 feet), **MEDIUM** (10 feet), or **HIGH** (18 feet). See chart above for the equivalent 00® model at each setting.

The 0015e3 performance curves are ideal for hydronic zoning to reduce velocity noise or banging of zone valves closing against high head pressure circulators.

Hydronic Heating Setting Selection Guide: Longest circuit in the system

LOW	=	85 ft. x 3/4" copper
MEDIUM	=	165 ft. x 3/4" copper
HIGH	=	245 ft. x 3/4" copper

Domestic Hot Water Selection Guide: Recirculation piping lengths

LOW	=	200 ft.
MEDIUM	=	500 ft.
HIGH	=	1,000 ft.

Effective: 03/05/21