

# ecocirc® XL

A-164A

## HIGH EFFICIENCY LARGE WET ROTOR CIRCULATOR

### LET'S APPLY THE POWER OF e

Introducing the ecocirc XL large wet rotor circulator, a high-performing pump that enhances commercial hydronic systems with superior quality and dependability. It's part of a suite of enhanced energy-efficient products from Xylem's Bell & Gossett brand, the industry leader, with more HVAC and plumbing installations in the U.S. than any other manufacturer.

#### expert engineering

The ecocirc XL features state-of-the-art hydraulics, advanced motor design and intelligent controls, delivering exactly the right performance across a broad range of head and flow requirements. HVAC applications include:

- Office complexes
- Multi-level apartment buildings
- Shopping malls and sports stadiums
- Universities and school buildings
- Hospitals and hotels
- Warehouses
- Airport and transport terminals
- Manufacturing buildings
- Government buildings

#### excellent efficiency

Pressure control, speed regulation, temperature control and power consumption monitoring make the ecocirc XL a highly efficient pump in energy efficiency.

- Features a highly energy-efficient electronically commutated permanent magnet motor (ECM/PM technology), with built-in electrical overload and dry run protection.
- Multiple operating modes, including automatic night mode, adapt to real-life situations.
- Delta T operation avoids firing the boiler unnecessarily, optimizing fuel savings.
- Easy to install and commission, requiring no advanced programming.



Maximum Flow 275 GPM

Maximum Head 70 Ft

Maximum System Pressure 175 PSI (12 Bar)

Liquid Temperature  
14°F to 230°F (-10°C to 110°C)  
(Heating and Cooling Systems)

Liquid Temperature  
32°F to 203°F (0°C to 95°C)  
(Potable Water Systems)

Ambient Temperature During Operation  
32°F to 104°F (0°C to 40°C)

Horse Power Range 1/12 HP to 2 HP

Enclosure Class IP 44

Insulation Class F

Pump Housing Cast Iron or Bronze



**Bell & Gossett**

a xylem brand

# ecocirc® XL

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### evolved communication

A simplified, user-friendly status display keeps the installer informed on pump settings and performance. Communicate through Modbus and BACnet protocols, or use the wireless connectivity that supports communication with the pump for remote control from your smart phone or wireless enabled device.

### easy selection

One circulator handles heating, cooling and plumbing applications. The ecocirc XL comes in cast iron and lead-free bronze, making it suitable for HVAC and potable water application. And its variable speed adaptability makes it the right choice for a full range of system requirements, including:

- Heating systems and solar thermal systems.
- Cooling systems and geothermal heat pumps.
- Potable hot water recirculation pumps.

It's also interchangeable with the Bell & Gossett Series PL, three-piece boosters and the Series 60 and 90 product lines, making it perfect for retrofits and energy upgrades. The ecocirc XL can be sized and selected using Bell & Gossett ESP Plus software.

### economical operation

Like all Bell & Gossett products, the ecocirc XL is designed to last. Easy installation and quiet operation add true value. And the highly efficient ECM/PM motor technology helps you control costs, using energy intelligently and efficiently.

### Ask for the e

Meet the most demanding efficiency standards with high-performing e-series products from Bell & Gossett, including the ecocirc XL large wet rotor circulator. Enhance your commercial HVAC and plumbing systems with excellent efficiency, economical operation and easy selection from the brand you know you can rely on.

Call your Bell & Gossett area representative today and ask for **the Power of e.**

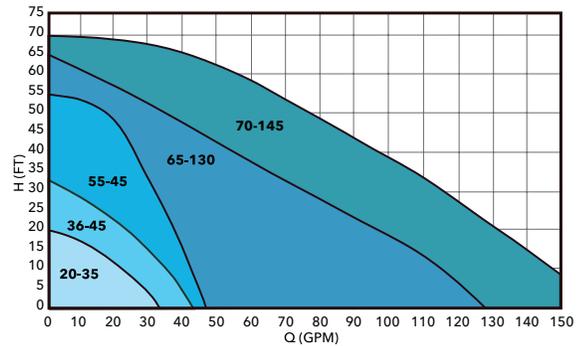


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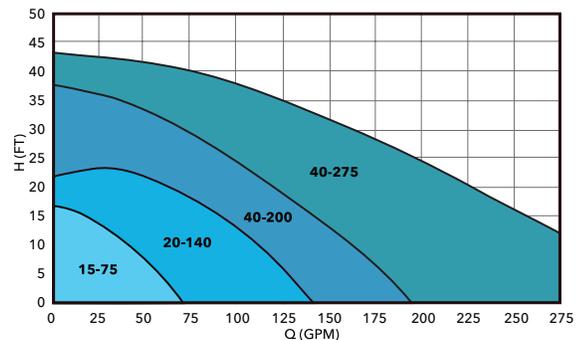
### ecocirc XL Pump Performance Curves

#### ecocirc XL High Head Models



The ecocirc XL delivers high pump head performance for applications with many pressure-consuming components but low flow requirements.

#### ecocirc XL High Flow Models



The ecocirc XL also delivers high flow rates for hydronic systems with changing flow requirements.