



HYDRAULIC INSTITUTE ENERGY RATING

Brand XYZ

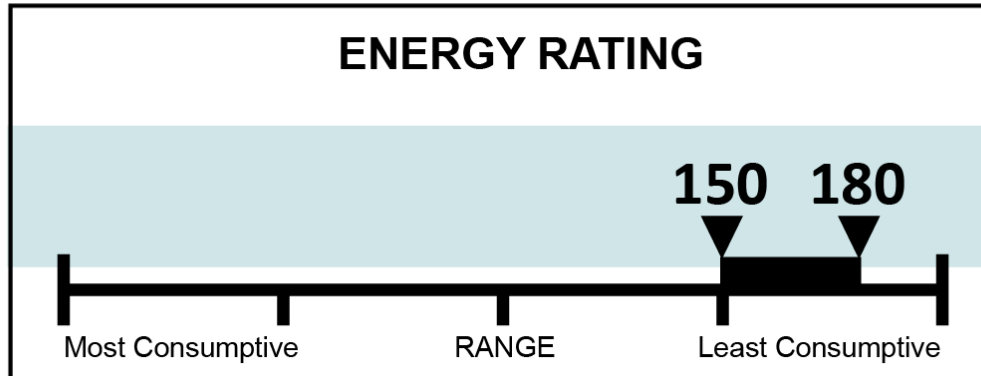
WAIP: 0.068

Model #: ABC123

CIRCULATOR PUMP

CEI: 0.60 (ER 180)

ENERGY RATING



Note: The ER value is dependent on the selected control. Multiple options may be available on this pump, as follows:

- Full Speed
- Manual Speed
- External Input Signal
- Pressure (Rated)
- Temperature

Power savings (watts) over a baseline case can be estimated by multiplying the ER by WAIP and multiplying by 7.46. Multiplying power savings by operating hours and cost of energy will yield estimated cost savings.

Q45RTE

er.pumps.org

Jun 2021

1. Basic Information

Pump brand, model number, weighted average input power (in horsepower) for a baseline ECM circulator.

2. Circulator Energy Index (CEI)

Rating index comparing power consumption to a traditional circulator. Lower values are better.

3. Energy Rating

Rating indicating relative energy usage of a basic model compared to other basic models. The higher the energy rating, the greater the savings. The range represents the most and least consumptive available control modes.

4. Available Controls

Shows available control methods.

5. Estimated Savings

Illustrates the method for using the ER rating to determine actual savings