

Rinnai Makes Recirculation Easy



We’ve covered Rinnai’s lineup of tankless water heating solutions in the past, but that was before we carried the RUR98i. For those unfamiliar, the RUR98i is the pinnacle of Rinnai’s catalog. It’s a super high-efficiency condensing tankless water heater equipped with ThermaCirc360 recirculation technology. For all the details on how this product is great for contractors and homeowners alike, just keep reading.

The Components & Specs

- Modulating Gas Valve – Provides Capacity Range of **15,200 BTU to 199,000 BTU**
- Flow Range of **0.26 GPM to 9.8 GPM**
- Copper Primary & Stainless Steel Secondary Heat Exchangers – **Energy Factor: 0.95**
- Isolation and Pressure Relief Valves Included
- Compatible with Concentric and Dual-Pipe Venting Systems

Right out of the gate, you can tell that the RUR98i is built for performance. Between the premium heat exchangers and the modulating gas valve, you’re looking at incredible efficiency. The ability to precisely regulate output capacity means your clients will never be using more fuel than they need for a given application and a 0.95 EF means that any fuel used is being expended efficiently.

Now generally the knock on tankless water heaters is that they can’t handle simultaneous demands like a storage water heater can. You can pretty much say goodbye to that notion with the RUR98i. Below is a small table containing the average flow requirements for typical household appliances and fixtures.

Source	Average GPM
Tub Faucet	4.0 GPM
Shower	2.5 to 3.0 GPM
Washing Machine	2.0 GPM
Dishwasher	1.5 GPM
Sink Faucet	1.5 GPM

As you can see, with the RUR98i's 9.8 GPM flow rate, you can cover a dishwasher, washing machine, and two showers. Endlessly. For most residential homes, 9.8 gallons will be more than enough hot water for any application.

The Recirculation

All of the above is amazing and, if that were all that the RUR98i brought to the table, it would still be an incredible product. But the real selling point of this unit is the innovative ThermaCirc360 technology.

If your client's home has a recirculation line, the RUR98i can take advantage of it using a dedicated internal pump. Don't worry if your clients don't have a recirculation line though, ThermaCirc360 means that the RUR98i doesn't need one to provide full recirculation. In these applications, simply install a thermal bypass valve at the fixture farthest from the equipment and the RUR98i can use the cold-water line for recirculation. In either application, recirculation can be managed either through timers or additional devices.

Recirculation provides two amazing benefits to homeowners: it means that they won't have to wait for hot water and they'll waste less water waiting for their desired temperature to be reached. In short, it makes their home more comfortable and less wasteful.

The Bottom Line

Rinnai's RUR98i brings all of the benefits of tankless water heating to the next level. In addition to having endless hot water, your clients will also have instant hot water. In addition to amazing savings of gas, your clients will use less water overall. And it provides these benefits in any residential application. Check out the videos and documents below for more info or just stop by an Able location to talk with your salesperson!

Resources

[Rinnai Homeowner Brochure](#) | [Rinnai Contractor Brochure](#) | [Rinnai RUR98i Tankless Water Heater Submittal](#)