

N170-M3

Frequently Asked Questions

What is the BIG difference between the N170-M3 and the M2?

The Model N170-M3 is a completely redesigned valve, inside and out. The primary performance difference between the N170-M2 and N170-M3 is the M3 is now listed to ASSE 1017-2003, "Temperature Activated Mixing Valves for Hot Water Distribution Systems", as well as CSA B125.3 through IAPMO.

Where can I find the ASSE 1017 listing?

Go to the American Society of Sanitary Engineers' website. The direct link is <http://www.asse-plumbing.org/Seal/1017.html>. You'll find the listing under Watts Regulator.

What about my customers' installed base? Can I directly replace the M3 for the M2 or will they have to repipe?

The M3 has the identical rough-in dimensions as the M2 and is available in the exact same sizes (3/4", 1", 1-1/4", 1-1/2", 2"). There is no need to repipe. Simply swap one for the other.

Does this mean Watts will no longer offer the M2?

Yes, we will only offer the M3 moving forward.

What about repair kits for the M2, will they still be available?

Absolutely. We'll continue to offer repair kits well into the future.

For new installations on ASSE 1017 applications, we will require checkstops. How will this be handled?

N170-M3s can be ordered with and without checkstops. We've created two sets of part numbers for new and for replacement installations.

Is it true we've consolidated two temperature ranges/models into one?

Yes, across all sizes. The new M3 valves operate over a broader temperature range from 90 – 180°F (32 – 82°C). See our M2 to M3 cross reference sheet for more information.

What about the "HT" models with the Teflon® disc?

We've also been successful consolidating the HT models into our standard product offering. The Polysulfone internals have a high temperature deflection coefficient, as well as being corrosion resistant.

Does the M3 feature two paraffin thermostats like the M2?

No. The M3 uses a single thermostat per valve. This simplifies the operation of the valve, improves overall performance and reduces maintenance and repair costs.



How close can the M3's mixed outlet temperature get to the hot water supply temperature?

The "Approach Temperature" or "Minimum Temperature Differential" of the M3 is only 5°F (3°C). This is ideal for installations where lower temperature hot water is being generated at the boiler.

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USA: 815 Chestnut St., No. Andover, MA 01845-6098; www.watts.com
Canada: 5435 North Service Rd., Burlington, ONT. L7L 5H7; www.wattscanada.ca

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