

Hot Water Tank Capacity Extender

The Series LFMMV-HTK mixing valve kit installs on a hot water tank to increase hot water capacity by providing greater control over water temperature and flow. The valve:

- Allows water to be stored at higher temperatures
- Regulates the amount of hot water supplied to the valve to precisely maintain outlet set-point temperature
- Avoids the need to replace a hot water tank with a larger-capacity unit
- Extends water heater capacity by as much as 133% depending on storage and incoming cold water temperature
- Limits and maintains mixed outlet temperature via lockable function
- Helps reduce water-temperature-related risks, such as Legionella and scalding

Valve listed to ASSE 1017, ASSE 1070, & IAPMO cUPC

Lead Free* valve construction



LFMMV-HTK



Series LFMMV-HTK

*The wetted surface of this product contacted by consumable water contains less than 0.25% of lead by weight.

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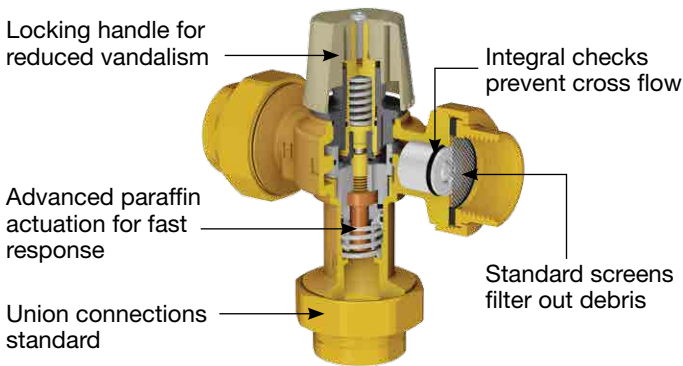
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National Appliance Energy Conservation Act (NAECA)

NAECA 3 calls for higher energy factor (EF) ratings on virtually all residential water heaters, as well as some light-duty commercial products. This act impacts the size of water heaters and space restrictions. Installed on a hot water tank, the Watts Hot Water Tank Capacity Extender offers:

- A cost-effective solution
- Greater control over temperature set point
- Increased hot water yield of up to 133%

The LFMMV-HTK mixing valve can increase a tank's hot water capacity by precisely controlling the valve's inlet flow of hot water to maintain mixed outlet temperature. In this way, a smaller-capacity hot water tank can cost-effectively provide greater amounts of hot water where space and size constraints are present.



Extending Hot Water Tank Capacity with the LFMMV-HTK Mixing Valve (Based on 40-gallon Water Heater)				
INCOMING WATER TEMP. (°F)	STORAGE TEMP (°F)			
	120	140	160	180
INCREASES CAPACITY BY:				
45	B A S E L I N E	27%	53%	80%
55		31%	62%	92%
65		36%	73%	109%
75		44%	89%	133%

Why Choose the Hot Water Tank Capacity Extender?	Features	Benefits
Control	Provides greater control over water temperature by precisely controlling the flow of inlet hot water to maintain mixed outlet temperature at a desired, selectable temperature	<p>Allows the hot water tank to be set to a higher temperature, to help minimize the occurrence of Legionella and other water-borne bacteria</p> <p>Allows for precise control of water temperature, thus minimizing the risk associated with scalding</p> <p>Integral checks and screens prevent cross-flow and contamination</p>
Capacity	Increases a water tank's hot water capacity by as much as 133% depending on storage and incoming cold water temperature	Greater hot water yield without installing a larger capacity tank
Cost Savings	Eliminates the need to replace an existing hot water tank with a higher capacity or insulated unit that could be as much as two inches wider or taller	<p>Eliminates need to purchase and install a larger capacity tank</p> <p>Valve and key components conveniently packaged in one box, easing installation</p>



USA: Tel: (978) 689-6066 • Fax: (978) 975-8350 • Watts.com
 Canada: Tel: (905) 332-4090 • Fax: (905) 332-7068 • Watts.ca
 Latin America: Tel: (52) 81-1001-8600 • Fax: (52) 81-8000-7091 • Watts.com