

RBM THERMOSTATIC

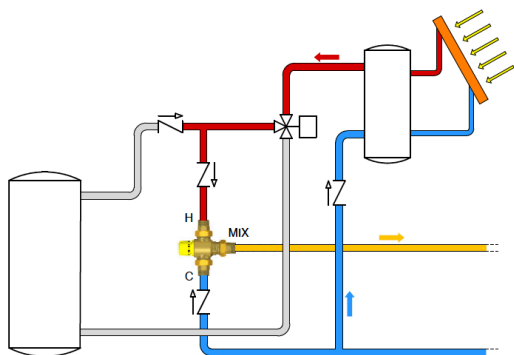
THERMOSTATIC MIXING VALVE

TAILORED FOR SOLAR HOT WATER SYSTEMS



- Manufactured and approved to AS/NZS 4032.1
- Watermark Certificate: WMK26384

INSTALLATION



RBM T16 THERMOSTATIC MIXING VALVE - SOLAR

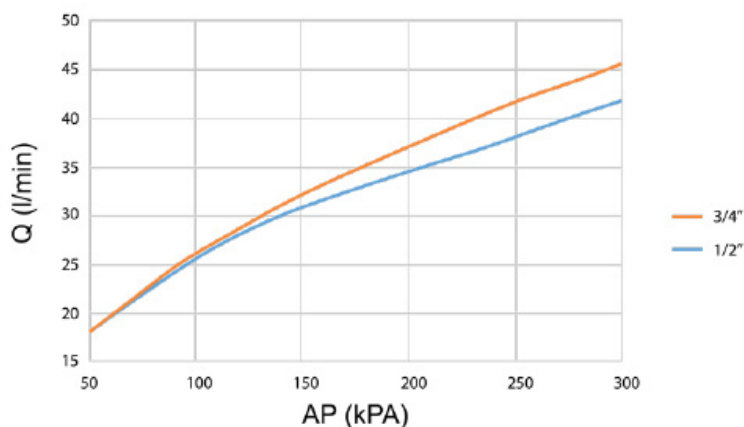
The RBM thermostatic mixer valve for solar systems is designed to keep the outlet conditions of the mixed water stable, even if the inlet conditions vary. In hot water production systems with solar storage, the temperature of the water in the storage tank can vary greatly depending on radiation and on the amount required by the users. For example, in the summer months it can reach temperatures higher than 95°C before the safety discharge valve is triggered.

The water is in fact not useable at these temperatures; for this reason thermostatic mixers are installed at the outlet of the solar hot water storage tank in order to reduce the temperature of the water flowing to the users by mixing it with cold water from the mains water supply. The RBM T16 thermostatic mixers have been designed to withstand hot water input temperatures up to 100°C, even for a long period of time, without compromising their performances.

TECHNICAL SPECIFICATION

- Fluid: Water
- Maximum static pressure: 1,400 kPa
- Maximum dynamic pressure: 500 kPa
- Hot water inlet temp. range: 55 - 100 °C
- Cold water inlet temp. range: 5 - 25 °C
- Controlled temperature range: 35 - 50 °C
- Accuracy: ± 2 °C
- Maximum inlet pressure ratio: 2:1
- Sizes available: DN15 & DN20

Note: Notwithstanding the above, compliance with AS/NZS 3500 must be maintained.



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PRE-PLUMBED IN STAINLESS STEEL ENCLOSURE OPTIONS

Item No.	Description
T16T121G-BM	RBM T16 Thermostatic Mixing Valve - DN15
T16T191G-BM	RBM T16 Thermostatic Mixing Valve - DN20
RBMS-21-0014	RBM T16 DN15 Thermostatic Mixing Valve Pre-Plumbed - 3 Pipe
RBMS-21-0015	RBM T16 DN15 Thermostatic Mixing Valve with Cold Water Bypass Pre-Plumbed - 4 Pipe
RBMS-21-0019	RBM T16 DN20 Thermostatic Mixing Valve Pre-Plumbed - 3 Pipe
RBMS-21-0020	RBM T16 DN20 Thermostatic Mixing Valve with Cold Water Bypass Pre-Plumbed - 4 Pipe
RBMS-21-0005	Stainless steel enclosure to suit RBM T16 TMV & T08 Tempering Valve with bracket - 4 hole standard (blanking cap supplied for use in 3 Pipe installation)



RBM T16 DN15 with cold water bypass model shown

