













NOVAMIX RANGE OF MIXING VALVES

INFLOW	TEMPERATURE RANGE & PRODUCT	PRODUCT NUMBER	 DRINKING WATER AT CENTRAL LOCATION		 DRINKING WATER AT CENTRAL LOCATION WITH SOLAR ASSISTANCE		 DRINKING WATER AT THE OUTLET		 PANEL HEATING SYSTEM (FLOOR, CEILING, WALL, THERMAL ACTIVATION OF BUILDING STRUCTURE)		 STORAGE LOADING (SOLID FUELS)		
			$k_{vs} < 2$	$k_{vs} > 2$	$k_{vs} < 2$	$k_{vs} > 2$	$k_{vs} < 2$	$k_{vs} > 2$	$k_{vs} < 2$	$k_{vs} > 2$	$k_{vs} < 2$	$k_{vs} > 2$	
	20 – 40 °C Standard (MT52)	252.6023.104	■				■						
		252.6024.104		■									
		252.6023.107							■				
		252.6024.107								■			
	20 – 70 °C High Capacity (MT52)	252.6034.107		■		■				■		■	
	45 – 65 °C Value (MT53)	253.1002.000	■		■		■						
		253.1102.000*	■		■		■						
		253.1003.000		■		■						■	
		253.1004.000		■		■						■	
		253.1103.000*		■		■							
		253.1104.000*		■		■							
	30 – 70 °C Value (MT53)	253.2002.000	■		■		■		■				
		253.2102.000*	■		■		■		■				
		253.2003.000		■		■					■		■
		253.2004.000		■		■					■		■
		253.2103.000*		■		■							
		253.2104.000*		■		■							
	30 – 70 °C Standard (MT52)	252.6003.104	■		■				■				
		252.6003.107	■		■				■				
		252.6003.330*	■		■					■			
		252.6043.104	■		■		■						
		252.6004.104		■		■							■
		252.6004.107		■		■					■		■
	30 – 50 °C Compact 50 TMV-2	252.6073.107*					■						
	30 – 70 °C Compact 70	252.6072.104*					■						

* Check valve integrated

A check valve is not required with panel heating systems and load valves.

Additional information on our range of mixing valves is available from our web site taconova.com under Products | Valves and Accessories.

You will also find information here regarding our other areas of expertise:



HYDRONIC BALANCING

Taconova offers a comprehensive range of high quality balancing and measuring valves for a broad spectrum of applications.



DISTRIBUTION SYSTEMS

Taconova distribution technology products are primarily used for underfloor heating, but are just as suitable for many other applications.



SYSTEM TECHNOLOGY

The Taconova solar energy and fresh water stations set the standard for solar power systems and sanitary engineering.



VALVES AND ACCESSORIES

Valves from Taconova can be used in a variety of applications in heating, ventilation, air conditioning, ventilation and sanitary systems.

Taconova Group AG

Steinackerstrasse 6
8902 Urdorf | Switzerland
T +41 44 735 55 55
F +41 44 735 55 02
group@taconova.com

taconova.com



NOVAMIX
ONE RANGE - NEW APPLICATIONS

NOVAMIX - HIGHLY VERSATILE

Perfect for heating, sanitary and solar applications

The self acting range of NovaMix mixing valves from Taconova ensure added comfort, safety and energy efficiency in many important sectors of building technology.

In **drinking water systems**, the NovaMix mixing valves are suitable for installation in both a **central location** and **directly at the tap outlet**. When installed in **central locations**, they can complement the integration of **thermal solar systems**.

The NovaMix mixing valve range reduce high domestic water temperatures to a constant temperature at the hot water tap outlet and thereby ensure protection against scalding. In addition, they increase the available hot water yield. Depending on the client requirements, the mixing valves are installed centrally near the hot water storage or directly in front of the outlet valve.

The NovaMix mixing valves can be used in **panel heating systems** (floor, ceiling, wall, thermal activation of building structure) for achieving the required flow temperature and also as a diverting valve for medium separation in air conditioning.

The NovaMix mixing valve range play a key role in regenerative energy systems, especially for **loading storage tanks by means of solid-fuel boilers**. Their use counteracts the formation of condensation especially in the ignition process. Tarring and boiler corrosion are greatly reduced as a result.

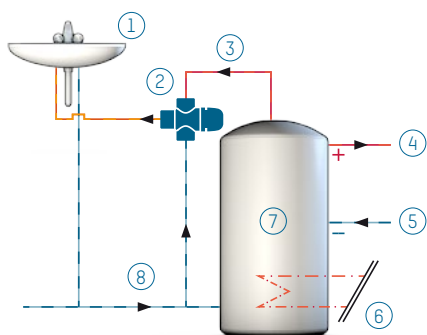
The NovaMix mixing valves are continuously variable and offer high precision control. Special valve seals minimize cold water ingress and non-stick coatings protect against limescale deposits and ensure reliable operation and long life.

Detailed information on the NovaMix products from Taconova is available in our general catalog and on the Internet at taconova.com.

Ask your dealer about Taconova products. For a list of stockists in your area please visit taconova.com.

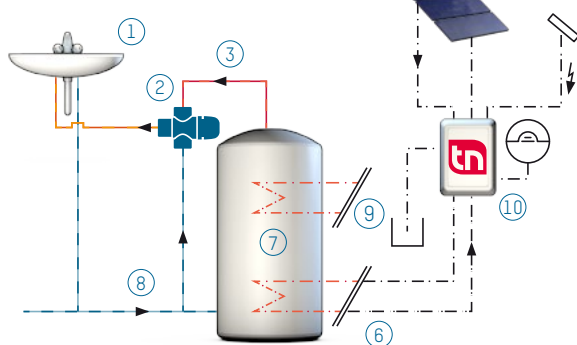
SCHEMATIC OVERVIEW OF VARIOUS DRINKING WATER AND PANEL HEATING APPLICATIONS

DRINKING WATER AT A CENTRAL LOCATION



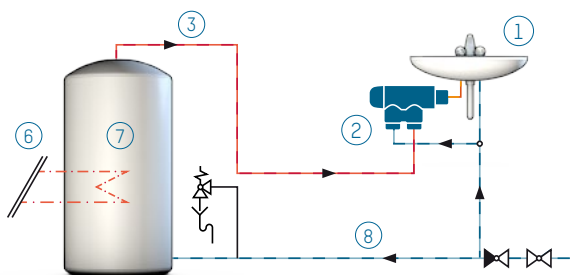
- 1 > Wash basin
- 2 > Mixing valve (Standard, Value, Compact)
- 3 > Fresh hot water output
- 4 > Heating flow
- 5 > Heating return
- 6 > Heat exchanger primary circuit
- 7 > Storage
- 8 > Cold water inlet

DRINKING WATER AT A CENTRAL LOCATION WITH SOLAR ASSISTANCE

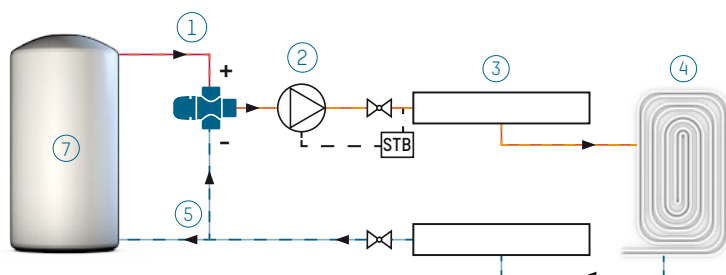


- 9 > Alternative heat source
- 10 > TacoSol Circ solar station

DRINKING WATER AT THE OUTLET



PANEL HEATING SYSTEM

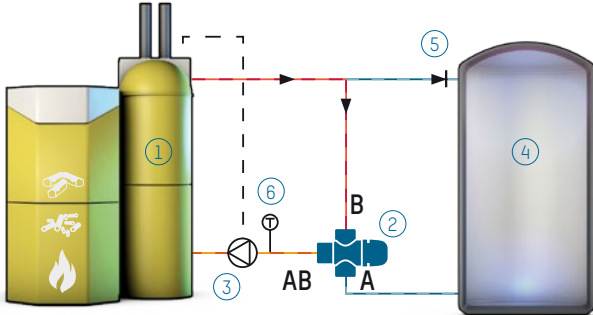


- 1 > Heating flow
- 2 > Pump
- 3 > Distributor
- 4 > Panel heating system
- 5 > Heating return

A safety temperature limiter (STB) must be installed.

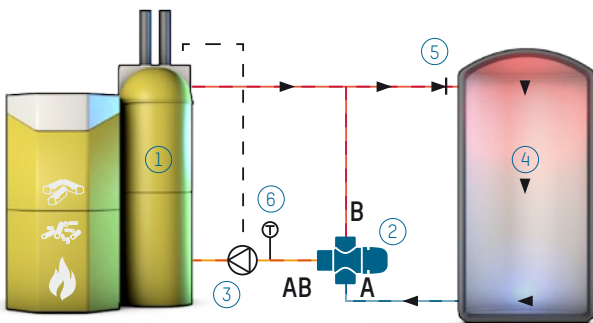
SCHEMATIC OVERVIEW OF VARIOUS APPLICATIONS STORAGE TANK LOADING WITH SOLID FUELS

FUNCTION: MIXING

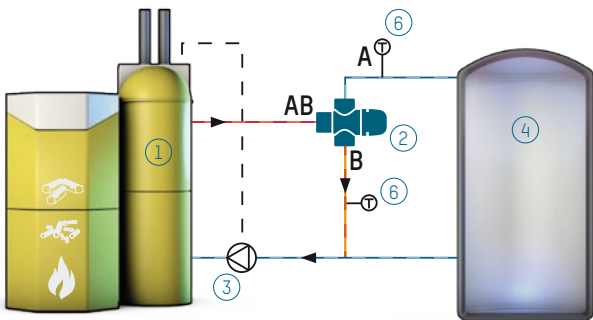


- 1 > Solid-fuel boiler
- 2 > Mixing valve
- 3 > Pump
- 4 > Storage
- 5 > Check valve
- 6 > Thermometer

FUNCTION: MIXING, STORAGE LOADING CIRCUIT



FUNCTION: DISTRIBUTING, BOILER CIRCUIT



FUNCTION: DISTRIBUTING, STORAGE LOADING CIRCUIT

