



LOAD VALVES

WITH AUTOMATIC
BY-PASS BALANCING

 **AUTONOM**

LOAD VALVES WITH AUTOMATIC BY-PASS BALANCING

PROTECTION AGAINST BOILER CORROSION AND FOULING

ATSVB Valves for return temperature control, with automatic by-pass balancing

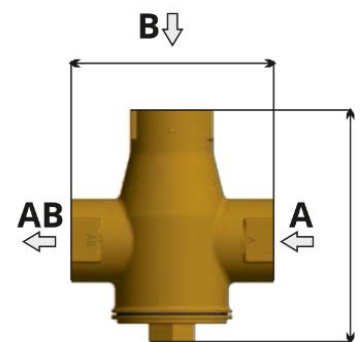
ATSVB load valves mix cool return water from a heating system or thermal store with hot water from a boiler flow, keeping boiler return water (i.e. its heat transfer surfaces) at a temperature that will not allow condensation to occur. The boiler then works with higher efficiency and its service life is extended.

The valves feature automatic by-pass balancing. The exact control prevents boiler overheating and keeps a steady flow rate through a boiler under any temperature if the system is properly designed. When restricting the flow through one port, it opens the other one simultaneously.

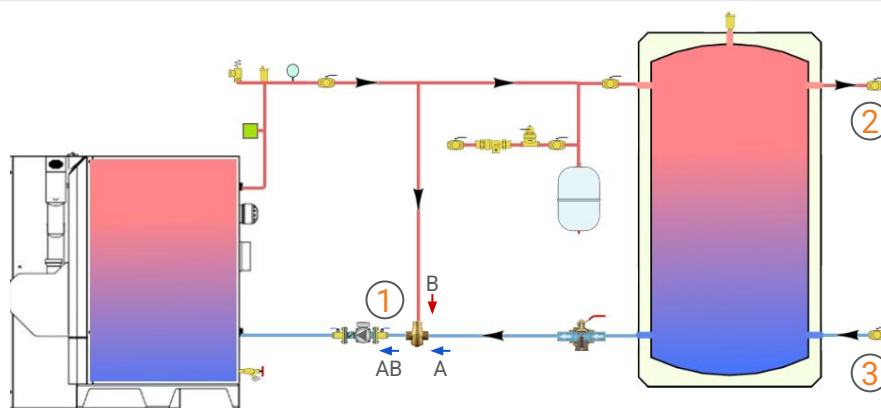
Specifications

		Model			
Opening Temperature	°C	55	55	55	55
Nominal Diameter	-	DN25	DN32	DN40	DN50
Connection Size	--	1" F	1-1/4" F	1-1/2" F	2" F
K _{vs} from A to AB	m ³ /h	6,2	7,0	13,3	15,8
K _{vs} from B to AB	m ³ /h	4,4	4,9	9,6	11,1
Weight	kg	0,77	0,87	1,7	1,85
Code	--	ATSV1B55	ATSV114B55	ATSV112B55	ATSV2B55

Dimensions



Connection example



1. ATSV
2. Hot water supply
3. Cold water return

AUTONOM

LES CHAUDIÈRES AUTONOM / AUTONOM BOILERS

670, avenue J-A Doyon Saint-Joseph-de-Beauce (Québec) G0S 2V0

🌐 www.autonomboilers.com ✉ info@autonomboilers.com

☎ +1 418-397-4300