

INSTALLATION AND MAINTENANCE INSTRUCTIONS MX20 - STEAM - WATER MIXERS ADCAMIX

GENERAL

1. These instructions must be carefully read before any work involving products supplied by VALSTEAM ADCA ENGINEERING S.A. is undertaken.
2. The installation procedure is a critical stage in a life of a mixing valve and care should be taken to avoid damage to the valve or equipment.

Warning !

- At start up , the presence of small particles in the water (dirt, scale, weld splatters, etc) may cause an unperfect closure of the seat . If this occur, proceed to an accurate cleaning.
- Do not touch the equipment without appropriate protection during working operation because it may conduct heat if the used fluid is at high temperature.
- Before starting maintenance be sure that the equipment is not pressurized or hot .
- The equipments must be used within the working temperature and pressure limits laid down for them, otherwise they may fail (refer to nameplate and/or IS- Information Sheet).
- Do not remove the nameplate attached to the equipment. Serial number and other useful information is stamped on it.

INSTALLATION

1. Before to install remove plastic covers placed on flanges or connection ends. The equipment has an arrow or Inlet/Outlet designations. Be sure that it will be installed on the appropriate direction
2. The MX20 must be installed in a vertical position with the hot water outlet connection at the bottom
3. To automatically remove condensate from line thus eliminating water hammer when the MX20 is first put into use or after long periods of inactivity , an Adca steam trap must be installed in piping immediately ahead of steam valve (see typical installation). Condensate shall be connected to the condensate recover system.

MAINTENANCE

1. The ADCAMIX MX20 steam - water mixers do not require any particular maintenance. Cleaning of the internals may become necessary from time to time. The cleaning intervals depend on the degree of contamination of the fluids. Examine steam valve nr.5 and seat to ascertain the extend of any damage or service wear. If necessary replace valve and spring nr.5 and 6 and clean piston nr.9.
2. For further information refer to the relevant IS (Information Sheet) or consult our Sales Office.

Installation limits :

- Min. steam pressure - 2,5 bar
- Max. steam pressure - 10 bar
- Steam pressure equal to or no more than 3 times the water one.

PARTS LIST FOR MX20 - ADCAMIX

Code	Designation	Size	Pos.Nr.	Qty.
A.95.7050.020	Valve, spring & gasket	3/4"	5,6,8	1
A.95.7050.120	Piston & gasket	3/4"	8,9	1
A.95.7050.220	Check valve	3/4"	18,19	2

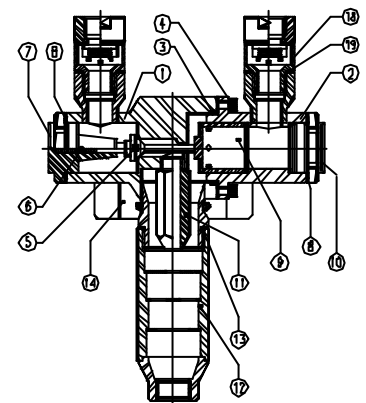
Recommended tightening torques :

Pos.Nr.	Size	Nm
Nrs.7,10	3/4"	80

CE Marking :

This product have been designed for use on steam and water wich are in Group 2 of the PED-European Pressure Equipment Directive 97/23/EC and it comply with those requirements.
The product fall within category SEP and must not be CE marked.

LOSS OF GUARANTEE : Total or partial disregard of above instructions involves loss of any right to guarantee.



ADCAMIX Typical Installation

