Technical Newsletter

#tnl2017-0011e # 1 / 1



Risk of Water Backflow into Air Pipe

If air supply is shut off, immediately shut off the water supply.

Inside the machine there is a section that merges the water and air systems for the purpose of atomizing cleaning or other operation. If air supply is shut off and the pressure in the air pipe decreases, water may flow back into the air pipe from the section that merges the water and air systems. If the air pipe is branched and connected to more than one machine (including any machines other than DISCO's), the water that has flowed back due to the description above will flow into other machine via the air pipe, causing the machine to get broken.

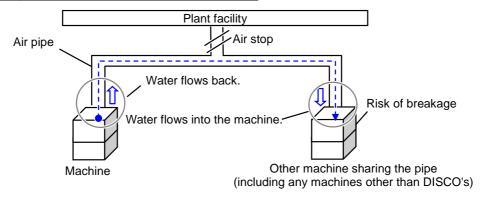
In order to prevent water backflow, if air supply is shut off, immediately shut off the water supply. Also, before re-operating the machine, check to make sure that no water is mixed in the air pipe.

Also, your machine can be equipped with a function to automatically shut off the water once air supply is shut off (user-specified specification). Please consult with your DISCO sales representative.

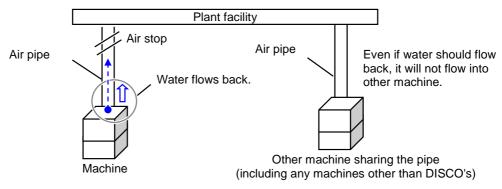
For air piping, it is recommended to make connection with a single pipe to each machine

For air piping, it is recommended to make connection with a single pipe to each machine without having it shared by more than one machine, and arrange an individual main valve for each of the pipes.

When air piping is shared by more than one machine:



When connected with a single pipe to each machine (recommended):



Inquiries

Please contact your local DISCO sales representative or DISCO service office if you have any questions regarding this matter.