

■ VALVE KITS

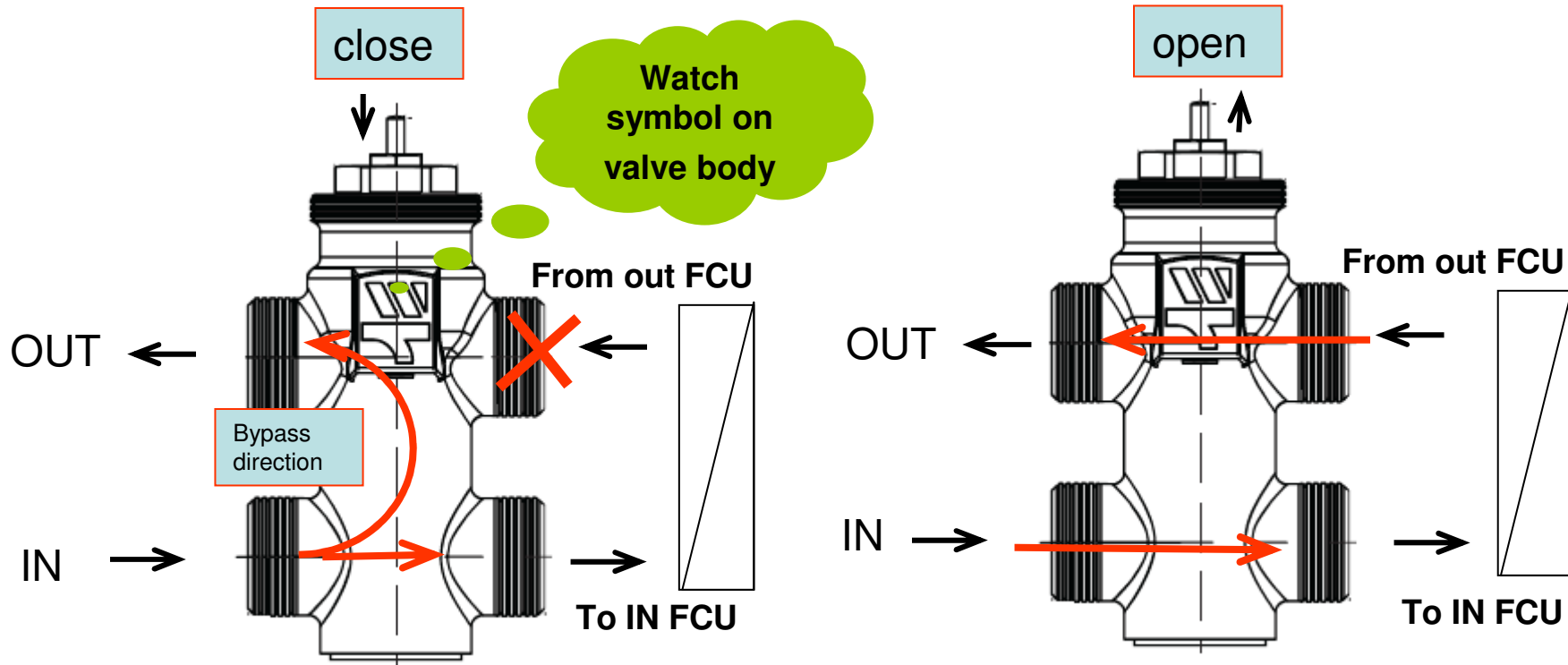
- For FWF, MCKCW2T3VN kit is available.
- For FWC-T, MCKAW2T3VN kit is available.
- For FWC-F, MCKAWH4T3VN kit is available.

Kits consist of: valve, actuator, shut off valves and special designed piping for connection on fcu.

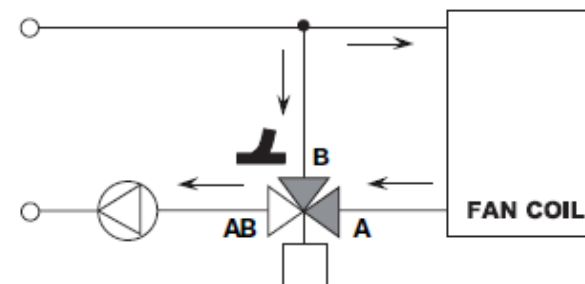
- For FWT no kit available, valve and pump are field supply.



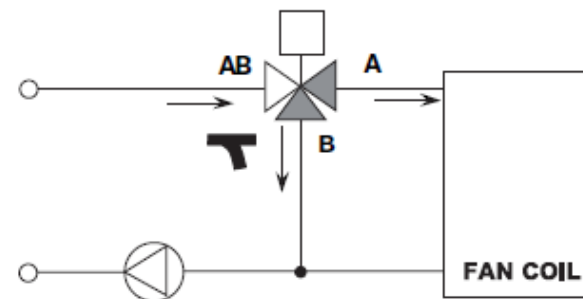
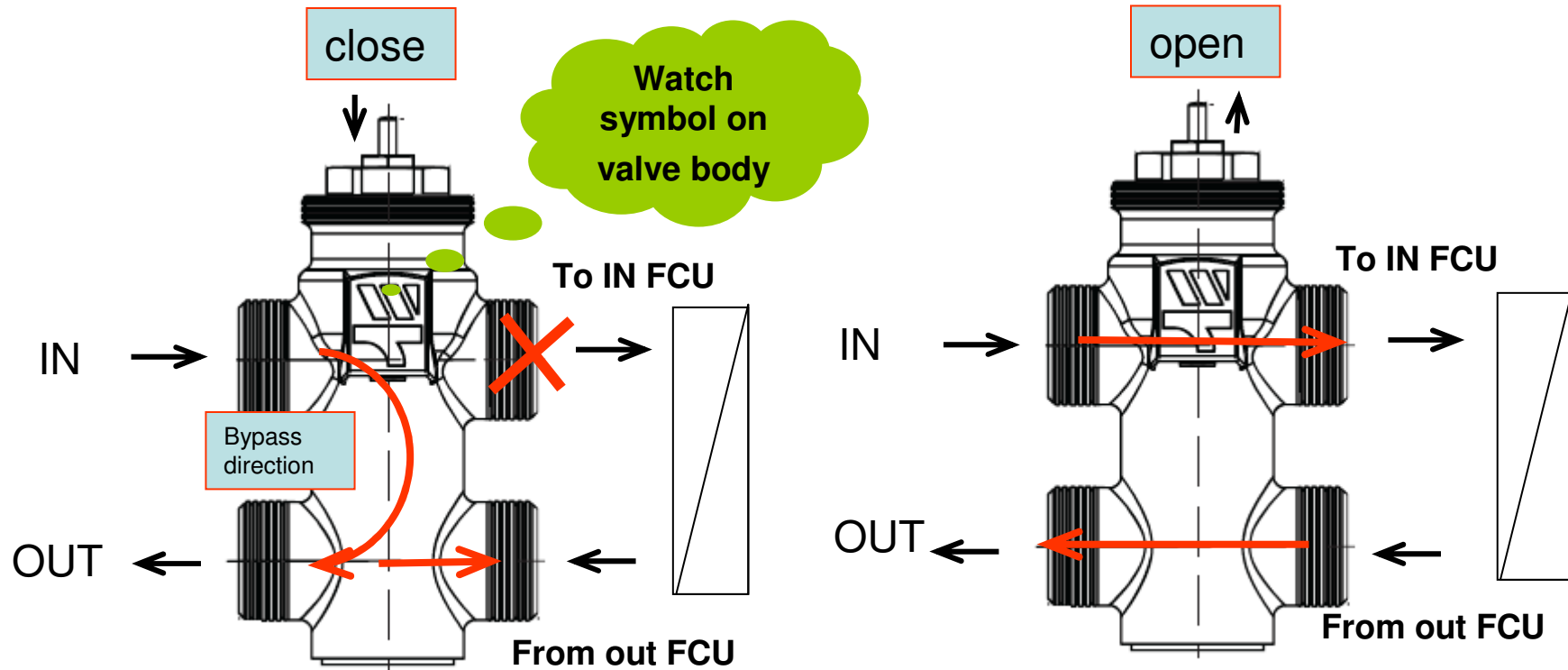
4 port 3-way valve functioning (mixing) std config



Close = de-energized NC actuator
 Open = energized NC actuator



- 4 port 3-way valve functioning (diverting)



Close = de-energized NC actuator
 Open = energized NC actuator

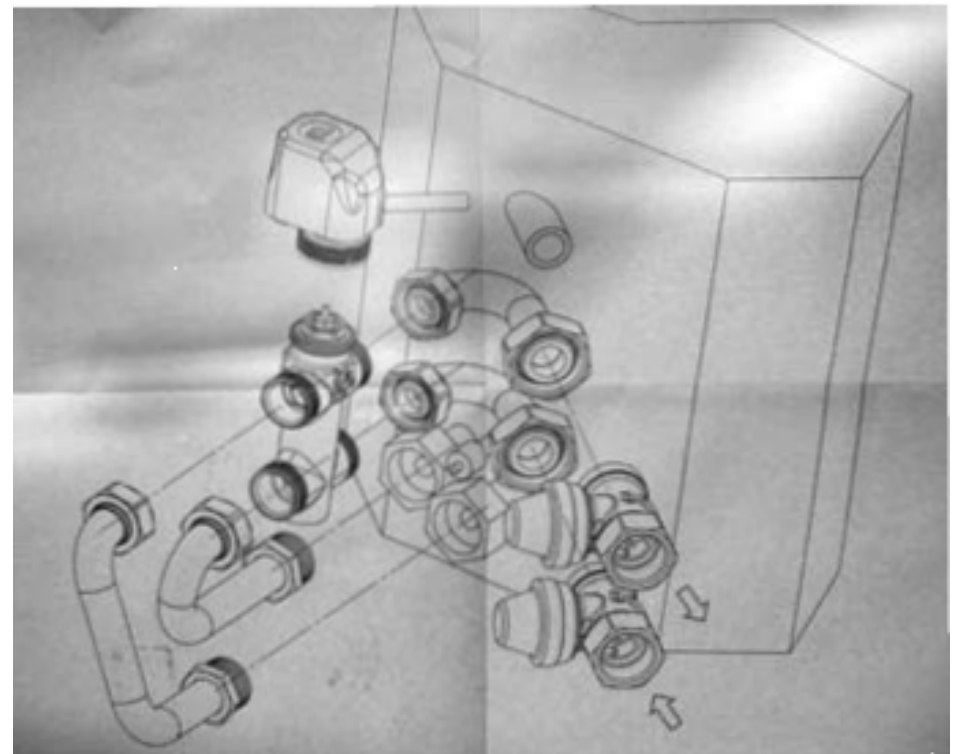
- **FWF - MCKCW2T3VN – installation**

Kit includes:

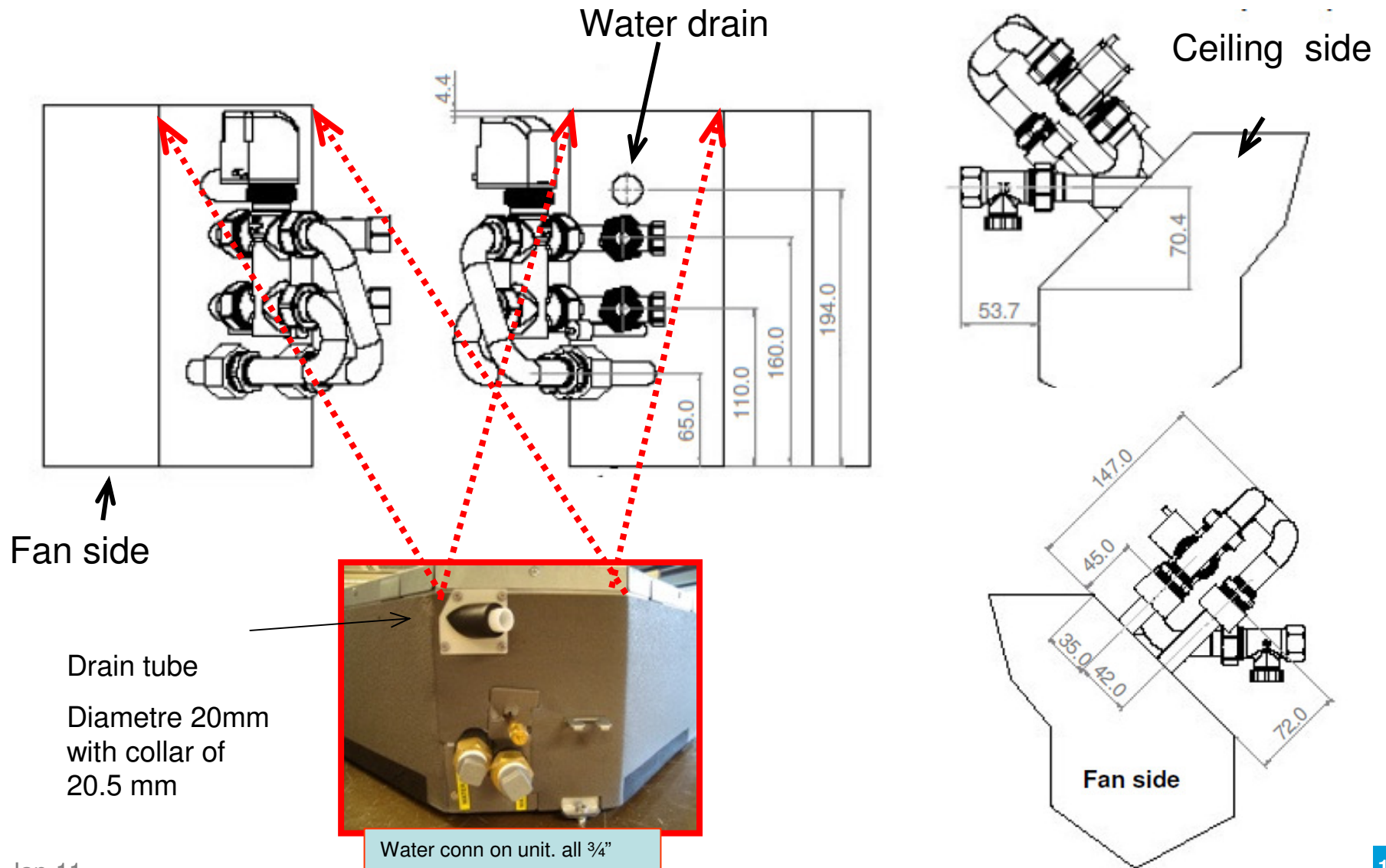
3 way/4 port on/off valve diameter 3/4"

thermo-electric NC actuator 230 vac

copper pipes diameter 18mm, welded connections 3/4" gas nipples



■ FWF - MCKCW2T3VN – installation



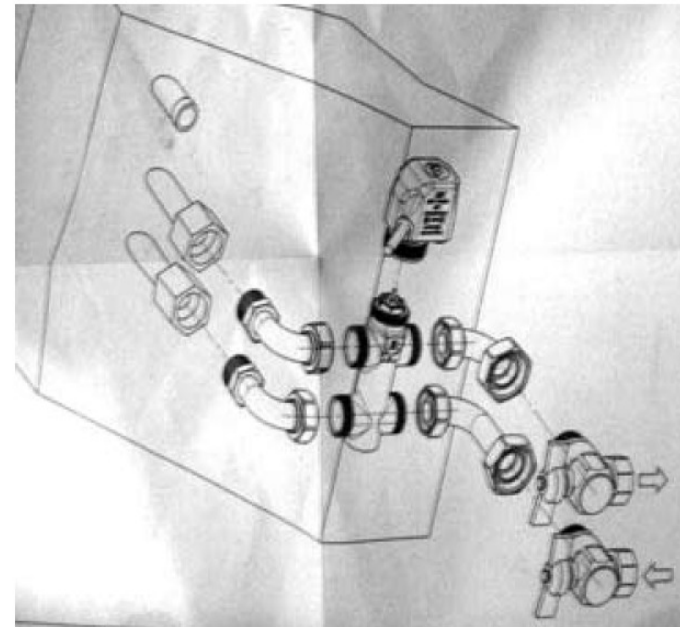
- **FWC-T MCKAW2T3VN – installation**

Kit includes:

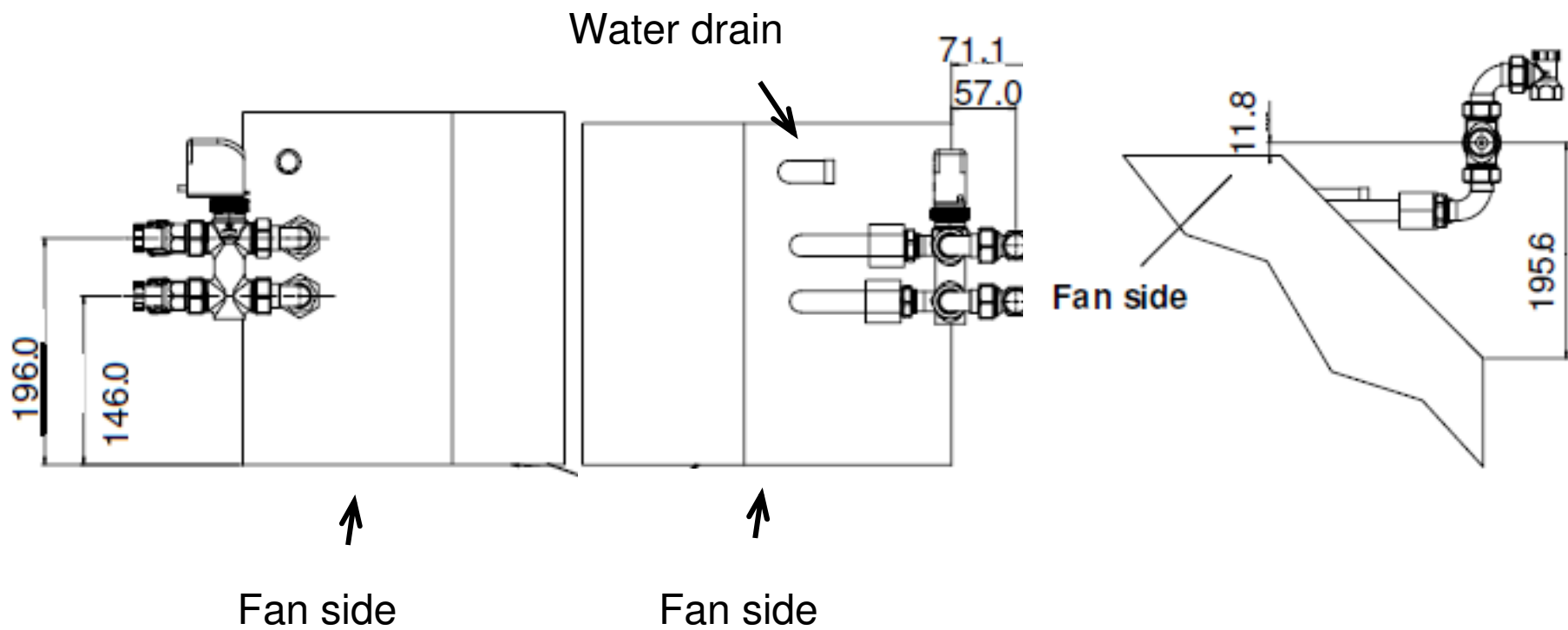
3 way/4 port on/off valve diameter 3/4"

thermo-electric NC actuator 230 vac

copper pipes diameter 18mm, welded connections 3/4" gas nipples



- FWC - MCKAW2T3VN – installation



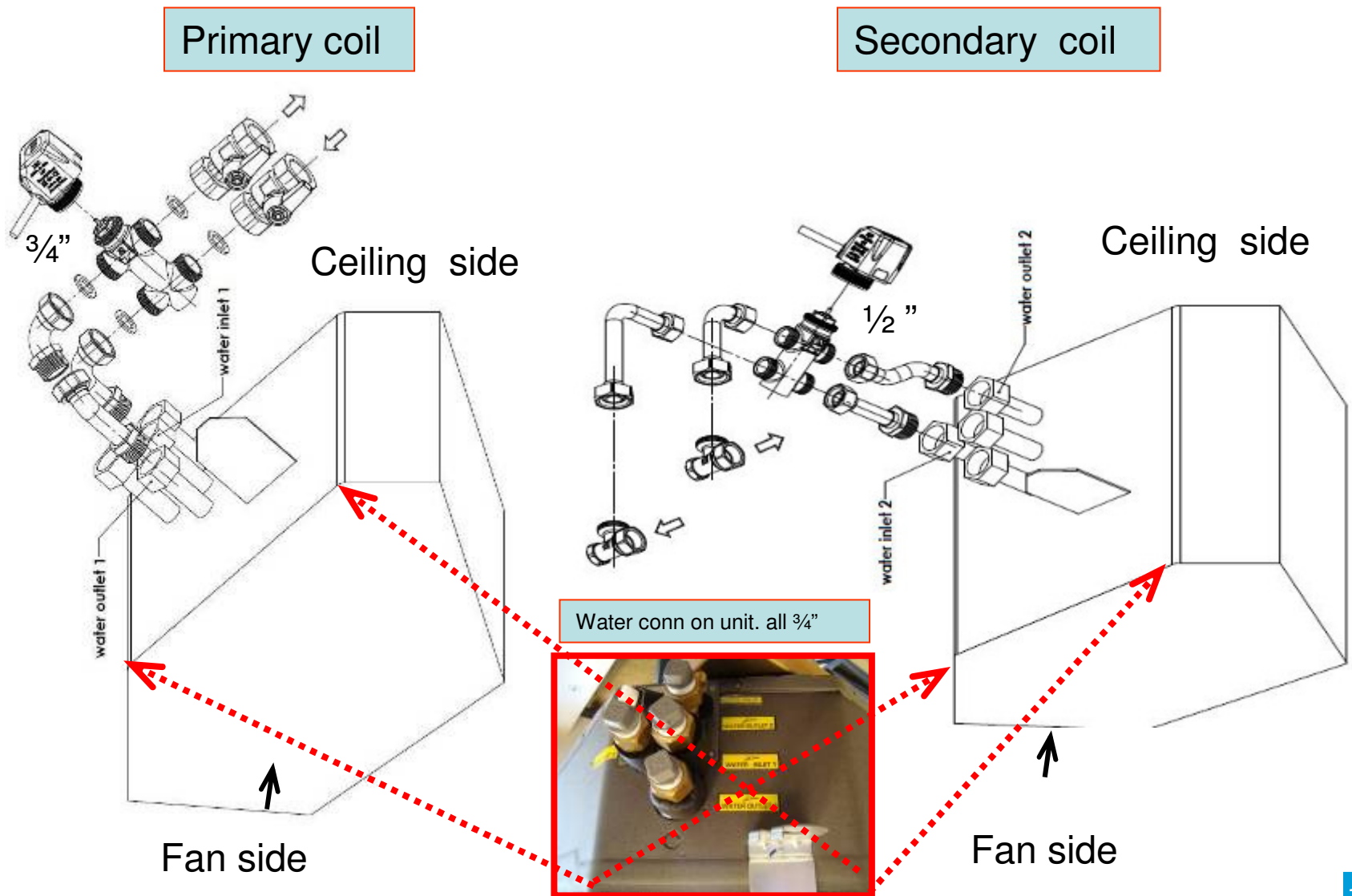
- **FWC-F MCKAWH4T3VN – installation**

Kit includes:

- 1 * 3 way/4 port on/off valve diameter 1/2", secondary coil
- 1* 3 way/4 port on/off valve diameter 3/4"
- 2 * thermo-electric NC actuator 230 vac
- copper pipes diameter 18mm, welded connections 3/4" gas nipples



- FWC – F MCKAWH4T3VN – installation



- Hydraulic properties 3 way – 4 port valves 1/2” and 3/4”

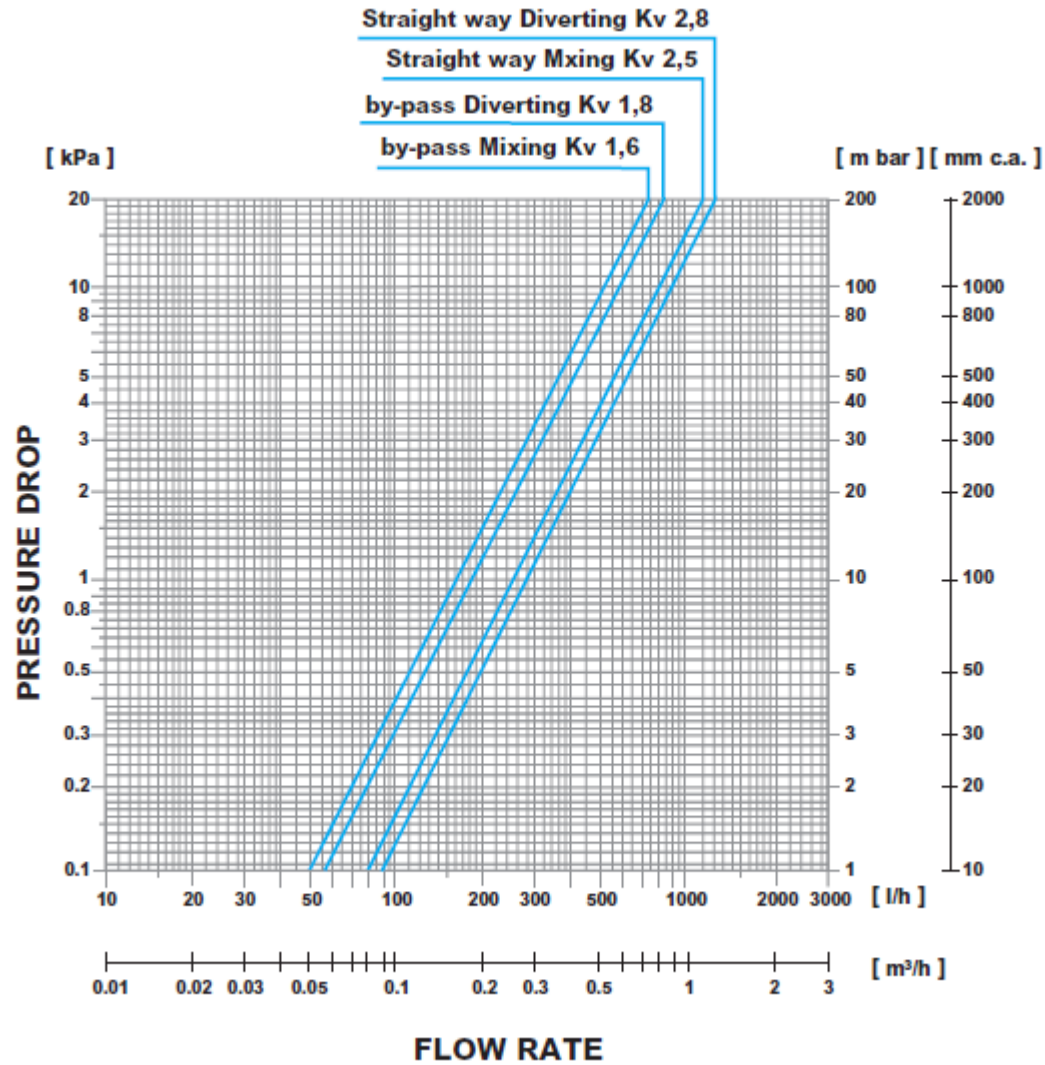
Valve part number	DN Inches	DN mm	Pre-setting (Kv adjustable)	Port size	Max. operation pressure PN [bar]	Kvs	Kv by-pass	ΔP_{max} Max. differential operation pressure. (noise < 38 dBA) [bar]	ΔP_s Close off with actuator 22C NO/NC [bar]	Kvs	Kv by-pass	ΔP_{max} Max. differential operation pressure. (noise < 38 dBA) [bar]	ΔP_s Close off with actuator 22C NO/NC [bar]
3 WAY VALVES 4 PORT					Used as DIVERTER VALVE				Used as MIXING VALVE				
413112	1/2"	15	15A4	16	1,7	1,3	0,8	2,5	1,7	1,2	0,7	2	
413134	3/4"	20	20A4	16	2,8	1,8	0,7	1,5	2,5	1,6	0,5	1	

- KVs = nominal value of the flow in the main way of the valve in m³/h with the valve fully open at a pressure of 1 bar and with water temperature at 20 °C
- ΔP_{max} = maximum dynamic differential pressure at the ends of the fully open valve, without risk of noise (< 38 dBA)
- ΔP_s = maximum static differential pressure at the ends of the valve against which the valve is able to be opened (through its internal spring for the three-way versions; through the actuator for the two-way versions)

- Hydraulic properties 3 way valves 3/4"

4131

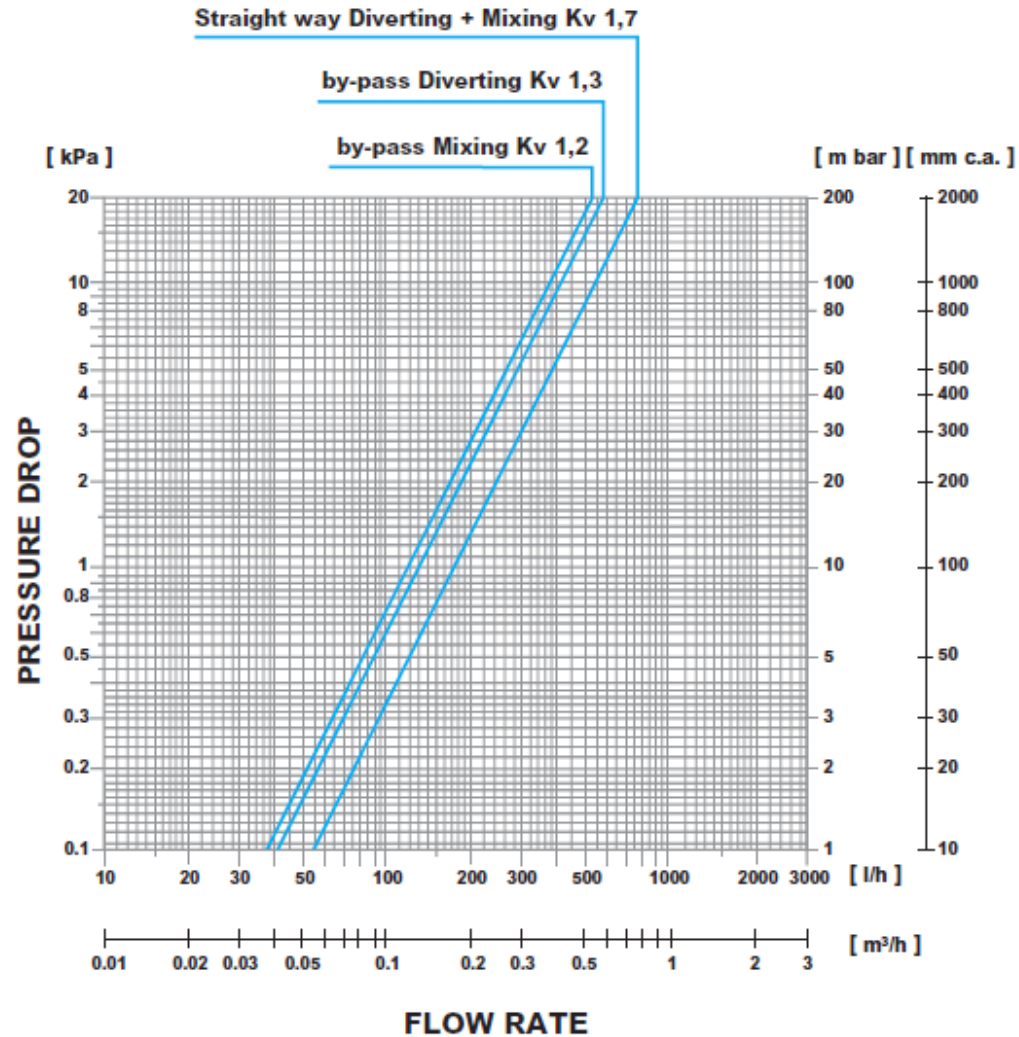
DN 3/4"



- Hydraulic properties 3 way valves 1/2"

- 4131

DN 1/2"



Top Secret
Secret
Internal use only
Public



Diagnostics