

RECOMMENDED PRINCIPLE SETUP - FIREMIKS® FIXED TYPE (SEPARATE FLUSHING)

The purpose of this recommended principle setup scheme is to inform on the general needs for making a good installation with the FIREMIKS and is not binding or contractual in any way. For information about each specific FIREMIKS model, working conditions, connection types, etc. please consult the respective data sheets. We reserve the right to make changes in this information without prior notice.

FIREMIKS (with DRV)

1. Water motor
2. Dosing pump
3. Drive coupling
4. Selector valve:
 - Dosing (4.1) /
 - Flushing (4.2)
5. Air relief valve (manual or automatic)
6. Check valve
7. Filter
8. Drain valve
9. Pressure relief valve (only on DRV)
10. Main water pump
11. (Length does not affect dosing rate of FIREMIKS)
12. Y-strainer, main water line
13. Optional: Flow meter

14. Shut off valves
15. Pipe supports
16. Connections to Water motor
17. Connection to Concentrate inlet
18. Swing check valve, to prevent flushing water to enter the Concentrate tank, (do not use a check valve that is spring loaded, as it restricts the concentrate flow)
19. Optional; Selector Valve Suction pipe/ Concentrate container
20. Nozzles - Monitors - Deluge system - Sprinkler heads - Foam generators, etc.
21. Internal diameter on suction system must have equal or larger diameter as the inlet of the Selector valve Dosing/Flushing (pos no 4.)

22. Dosing/Return Valve (DRV)

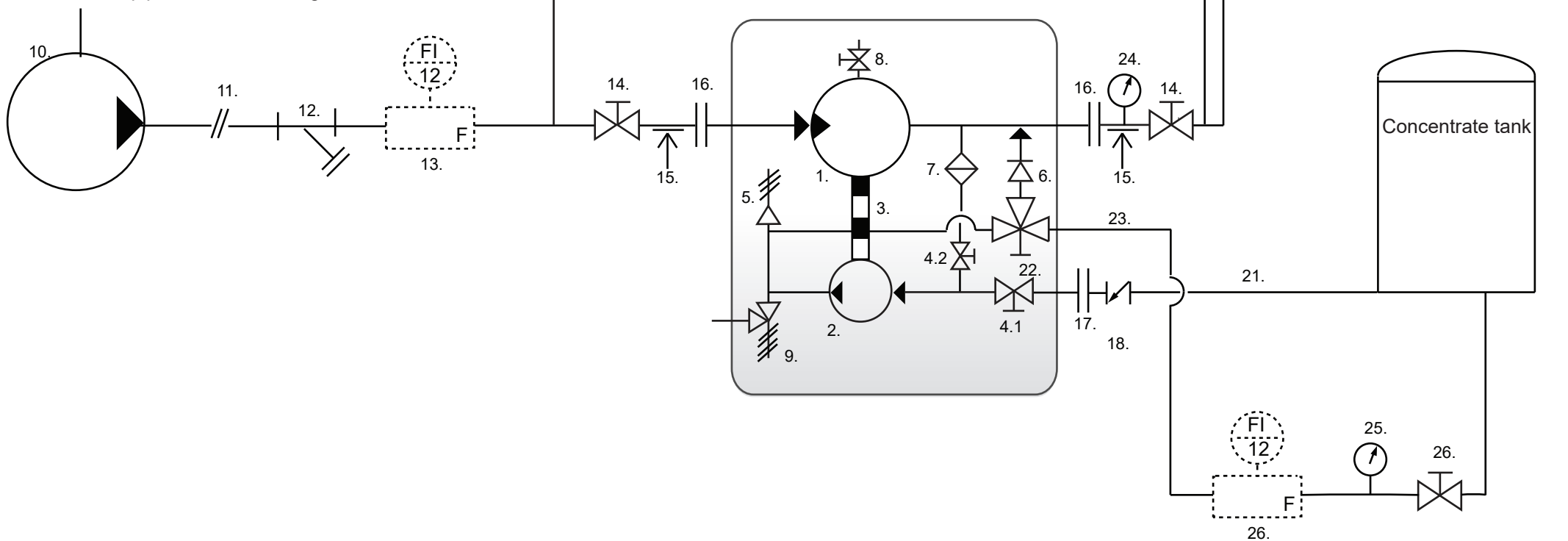
Parts for testing with DRV:

23. Return line to tank (temporary or permanent)
24. Pressure gauge
25. Pressure gauge dampened
26. Manual valve to create pressure (p25=p24)
27. Flow meter (or other means to determine volume per time)

Warning: consult instruction manual for safe testing procedures using the DRV valve!

We recommend gravity-feed of concentrate from tank to dosing pump. (Obligatory for piston pump -PP types).

Main water supply. NOTE! Only clean water is allowed. Flush well the pipes before installing the FIREMIKS-unit.



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