

## Description

The SPU 3+1 consists of three pump modules, added with one more redundancy pump module required in Marine installations. Each module consists of an electric motor running via gearbox two high pressure pumps to produce the high pressure water flow needed in the sprinkler system in the case of a fire accident.

The pressure produced by pumps can be adjusted from 80 bar to 140 bar respectively, according to the application. The pump modules are started sequentially, thus reducing the electric power peak loads. In stand-by position, the system pressure is maintained at 25 bar by means of the pneumatic stand-by pump.

The pump unit can be started automatically or manually. Automatic start is activated by either the flow signal or the pressure signal. Manual start can be launched either from the external release panel or from the Starter Cabinet, switching on the pump modules one by one. External release and indication panel is normally included in the Marioff supply. The system start signal can also be given by the fire detection system (FDS) via the external panel.

## **NOTE! Service area requirement**

Reserve free space around the unit: at least 500 mm on both sides of the motors and at least 700 mm in front of the starter cabinet doors. This area needs to be kept available for service and maintenance work.



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