

Memo - Technical

From Steve Thompson
To WILO Sales/Customer Service & Rep Network
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Pages 1

RE: Stratos in Series Piping Configuration

Please be advised that series installation of Stratos has now been approved. For example, the discharge from one pump (P1) can be piped directly into inlet of a second pump (P2). This piping arrangement will in theory double the differential head pressure between the two pumps. Limitations are as follows:

- Both pumps are to be operated with identical settings. Both pumps are set for delta PC, delta PV or constant speed – same head set point or speed.
- The dual pump (“DP”) feature of the interface module IS **NOT AVAILABLE**.
- Use of a common 0-10 Vdc external may be used but is not required. The pumps are operated using their own controller.
- Limited to two pumps.
- Minimum space between the pumps – For the best installation practices, it is recommended a minimum of three pipe diameters of straight be installed between the pumps however this can be reduced to almost zero space (the flange gasket design does not permit bolting the discharge from P-1 directly onto the inlet of P-2).
- Both pumps must be operated at the same time to avoid an off pump driven with flow from the on pump, as this may cause a “Generator Error” and possible overload/burnout.
- WILO Select cannot produce curves for this application.