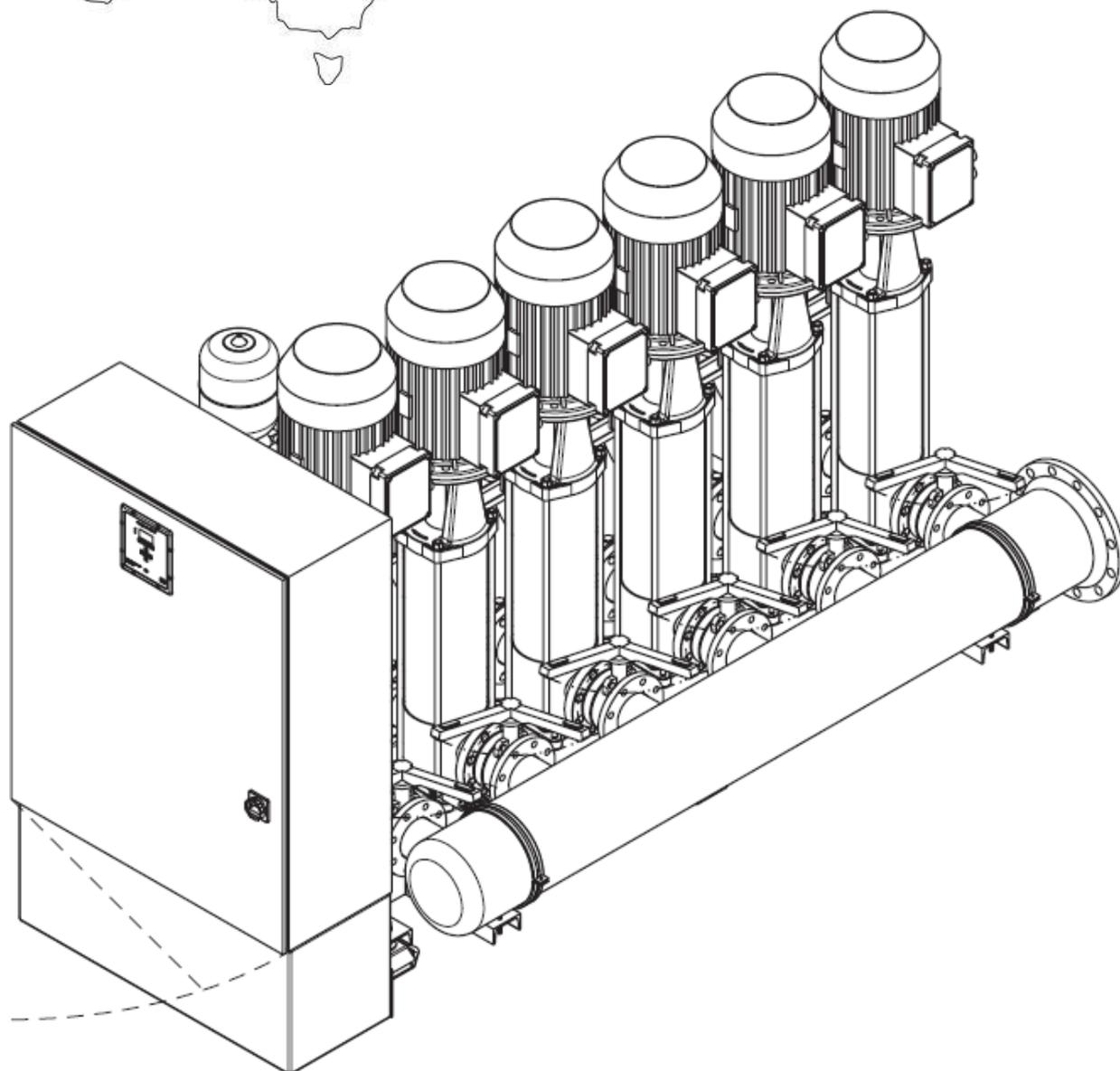




DPVF Hydro-Unit

Panel mounted VFD's
Motor mounted VFD's



Duijvelaar Pumps manufactured in Holland.

DPVF Hydro-Units built in Australia.

dp pumps are certified AS4020 for use in drinking water

Megacontrol VFD boosters

The dp panel mount system can be supplied with many options, from pressure switch DOL, pressure sensor DOL units, soft start pressure units, cascade control single VFD to the individual VFD per motor system. The Megacontrol system allows easy access to the program information.

The Megacontrol system is a proprietary item by Duijvelaar Pumps in Holland. All programming information is available over the Internet. The Megacontrol panel is built in Australia, and all units are tested and programmed before despatch.

We have supplied booster sets in mining application where cabinet mounted VFD's is preferred.



Megacontrol parameters:

- Up to six (6) pumps on each Megacontroller
- Sequencing of pumps by time
- High and low pressure shut down
- Pressure changes for different daily times
- VFD alarms shown on front LED screen
- Manual operation via predetermined VFD speed
- Password protected programming levels
- All parameters change by LED screen
- Pump logic and pump wording
- Fault indication by urgent and non-urgent alarms

We can customise our booster sets to your electrical requirements. This includes, but not limited to, some of the following additions:

- Use of preferred electrical equipment
- Form 1 to Form 4 segregation
- Powder coated Sheetmetal, Marine Grade Aluminium or 316 Stainless Steel Enclosures
- Earth Leakage Protection
- SMS Diallers or Remote Telemetry Units

We are dedicated to building quality products to any supplied specification or working directly with you for a turnkey package solution.



Motor Mount VFD systems

We use motor mount VFD's to supply constant pressure water booster sets. We can supply eight (8) motors with VFD's in series.

Energy savings:

- The pumping system runs only at the speed necessary to meet user's requirements, ensuring energy savings and extending the life of the pumping system.
- Protection against overload and dry running
- Integrated soft start and soft stop functions
- Indication of input current and supply voltage
- Recording run hours and logs errors and alarms
- RS485 serial communication
- Pressure transducer each VFD plus standby transducers per VFD (if required).
- Audible alarm activated in fault condition.

Control Panel:

We supply control panel panels with:

- Circuit breakers each VFD, mains switch, surge diverters and volt free terminals.
- M/O/A switches per VFD's can be added for extra safety in critical applications.
- Run and fault pilot lights.



One major advantage of the Vasco motor mount VFD system is no load protection. This protects each pump units against dry running. An adjustable overload ts cannot detect if one pump is air locked, the Vasco VFD can pick this up as 'no load'. The operator is alerted by an audible and visual alarm. Audible and visual alarm can be muted.

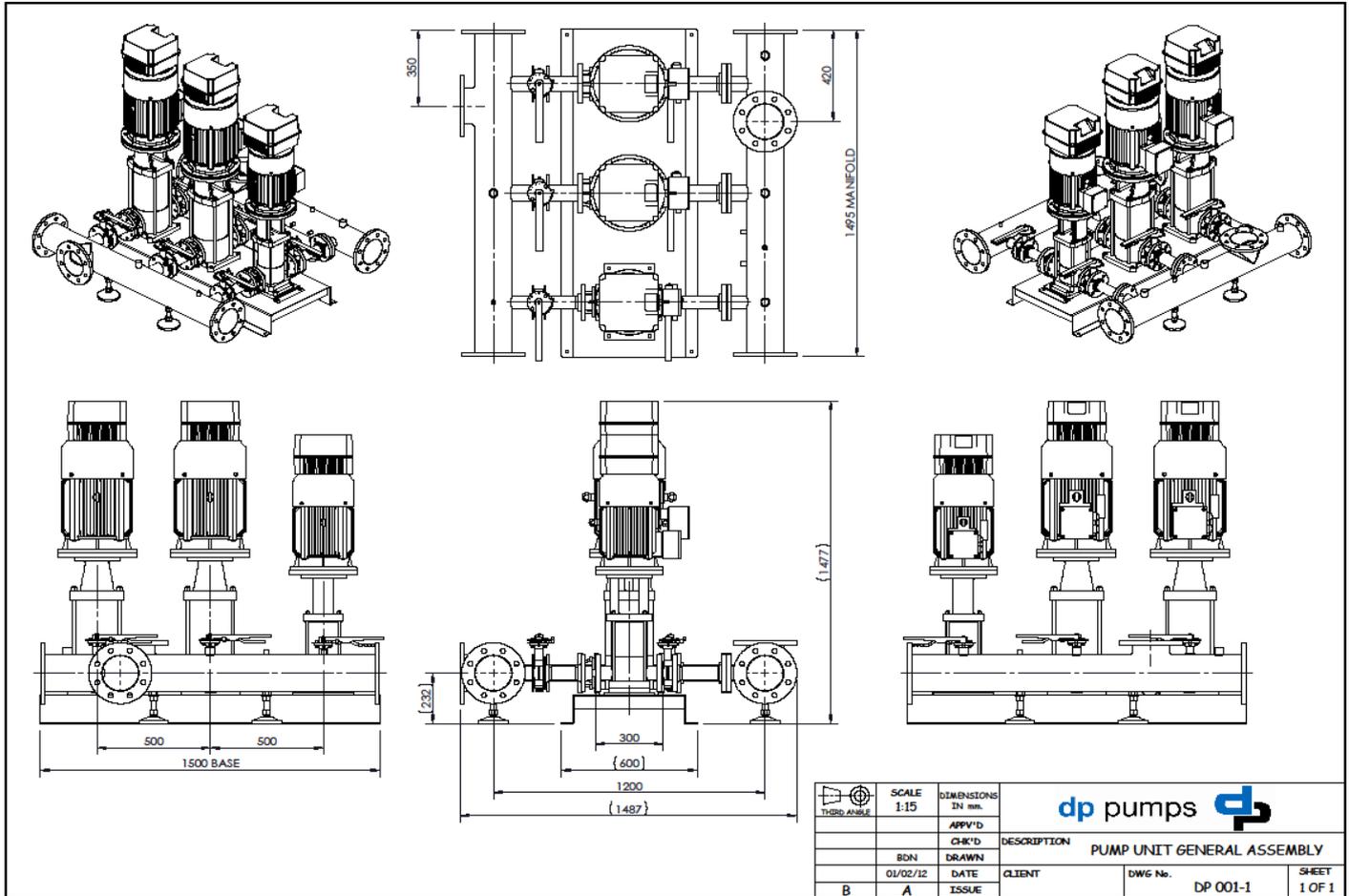
Submersible: Wall mount

We supply the VFD as a wall mount in an enclosure with surge arrestors, chokes for long cable runs, pump start from external on/off, pressure, potentiometer control, flow meter or temperature control. The enclosures can be air conditioned in hot environments and protected against dust entry. Upon start, cooling fans (12volt) can be powered by the VFD.



Pressure boosting:

Building water supply, irrigation, RO water supply, town water supply, boiler feed supply, mine and process water supply, commercial and wash down water supply.



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