








VS VARIABLE SPEED BOOSTER SET



-  Designed to provide cold potable water
-  Timed changeover
-  Numerous installation options
-  Sets available with 2, 3 or 4 pumps
-  Stainless Steel pipework
-  IP55 Control Panel
-  Industry leading pumps and inverters fitted

INTRODUCTION

Flow Mech Products' VS variable speed booster sets are designed to deliver constant pressure water supply under widely variable flow demand. Sets are designed to suit the application. Incorporating Grundfos, Lowara or Wilo pumps and either Danfoss or ABB inverters.

BASE FRAME

Fabricated from mild steel box section of welded construction. The rigid frame extends beyond the pipework to provide both strength and protection to the unit. Finished in a durable gloss paint.

PIPEWORK

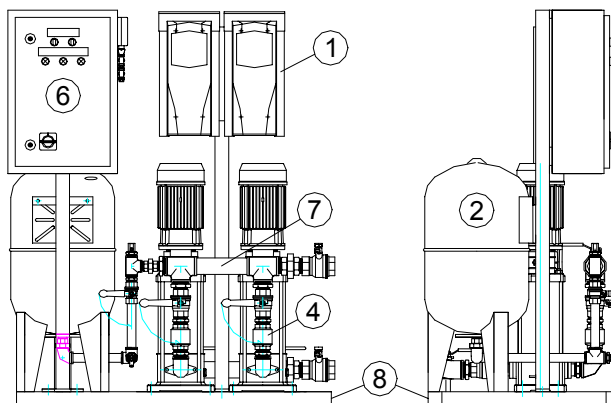
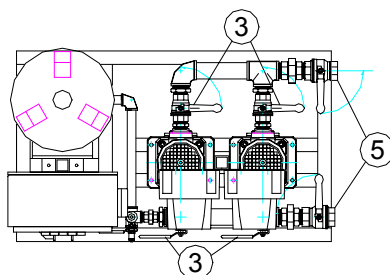
Suction and discharge manifolds are stainless steel with isolating valves to each pump suction, isolating and non-return valves to each pump discharge, terminating in manifold valves.

PANEL

The panel will be IP55 protected. Incorporating:-

- Lamps for:
 - Power On
 - Low Level
 - Common Fault
- Volt free contacts for:
 - Low Level
 - Common Fault
- All tested and set before leaving works

TYPICAL LAYOUT DRAWING



KEY

1. FREQUENCY INVERTER
2. HYDRAULIC ACCUMULATOR
3. ISOLATION VALVES
4. NON RETURN VALVE
5. MANIFOLD ISOLATING VALVES
6. CONTROL PANEL
7. 316 S/S PIPEWORK
8. BOX SECTION WELDED BASEFRAME

HYDRAULIC ACCUMULATOR

Vessel constructed from mild steel with a powder coating finish, complete with replaceable rubber bladder and stainless steel flange.

PUMPS

Pumps are multistage or end suction and can be either vertical or horizontally mounted. All pumps can be "WRAS" approved if required.



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