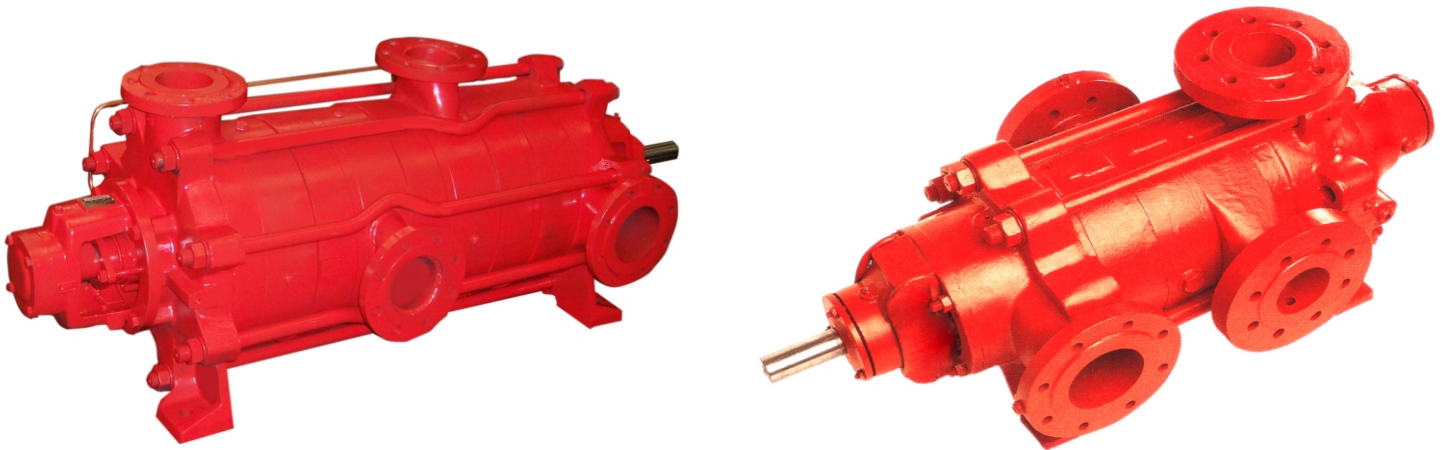


MULTISTAGE MULTIOUTLET CENTRIFUGAL FIRE PUMP COMPLY WITH LPC & NFPA 20 Standard



Fire service pumps for both hydrant and/ or sprinkler services take on an entirely new configuration when applied to large high rise multi-storey buildings. The simplistic design incorporates the largely unique multi-outlet, multi-stage Versa range, with each consecutive outlet being boosted by additional impellers for higher levels in the building.

This design allows for one pump and a simple set of control equipment to supply the fire protection needs of an entire building complex.

Customised curves can be provided with trimmed impellers with operating speeds to suit most electric or diesel drives.

Design Features :

VERSA Multistage Multioutlet fire pump has a novel design whereby by means of special diffusers, the flow from a multistage pump is channeled into two to three discharges, each giving a required flow at different pressures. For instance for a 30 floor building, a fire pump of say 2400 LPM flow will have 3 outlets First at . say 8Kg, Second at 12 Kg., and final at 14 Kg. Thus by means of this pump the first hydrant riser is taken from ground to 10th floor The second from 11th to 20th floor and the third from 21st to 30th floor. Thus with the use of only one pump, various pressures are available whereby use of orifice plates is simplified or even eliminated

Advantages :

- Utilisation of less space, as floor space in high rise buildings is very expensive.
- Energy efficient.
- One of the big advantages is that as the fire in a building is not likely to originate in all three zones, simultaneously, water under pressure at full flow is automatically diverted into the zone where the fire has occurred.