

**BRISTOL**

Fire Pumps



High Quality
BRISTOL
Pumps for

**FIRE HOSE REEL & SPRINKLERS****BRISTOL FIRE ENGINEERING**

P.O. BOX 12282, DUBAI, U.A.E.
TEL. 3472426/3477073 - FAX. 3472363
<http://www.arabfire.co.ae>

**BRISTOL**

Fire Pumps

**PUMP SET CONSISTS OF**

- One electric motor driven pump (Duty).
- One diesel engine driven pump (Duty).
- One duty jockey pump (Duty).
- Control panel for automatic and manual operation.
- Pressure vessel.
- Steel skid.
- All assembled and tested as a packaged unit.

PUMP GENERAL FEATURES

- Centrifugal end suction pump.
- Stainless steel shaft.
- Cast iron casing.
- Bronze impeller on stainless steel (optional).
- Mechanical seal type.

OPERATION

The unit can be set to either automatic or manual mode. When the unit is in auto mode, the electric pump will be switched on automatically if the line pressure drops below a preset level. In case of power failure, the control panel automatically starts the diesel pump.

When the unit is in manual mode, the electric pump has to be switched off manually.

ELECTRIC MOTOR FEATURES

- Class 'F' insulation.
- IP55 protection.
- Drip proof.
- Three phase or single phase.
- Ambient temp 50° C

GENERAL ACCESSORIES

- Two pressure switches.
- Float switch.
- Pressure gauge.
- Pressure vessel.
- 12V Battery & battery leads
- Gate & check valves.
- Flexible connection.
- Anti vibration pads.
- G.I. header / suction & interconnections.

DIESEL ENGINE FEATURES

- Air cooling system.
- Manual stop.
- Ambient temp 120° C
- Fuel pump.
- Filter Pump.
- Air cleaner.
- Lube oil pump.
- Lube oil filter.
- Battery chargers.
- Four stroke cycle.
- Manual and electric starting.
- Quiet operation.

CONTROL PANEL FEATURES

- Metal enclosure -IP 55.
- D.O.L. Starter, or Star / Delta starter.
- Manual stop switch.
- M.C.B. protection.
- Automatic timer.
- Overload relays.
- E.L.C.B.
- Indication lamps for power on, pump run & trip.
- Battery chargers.

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