



### Main Features

- **Stainless steel fluid sections** – ideal for waterborne, solvent based and xirallic materials.
- **True useable flow rate** – up to 60 litres / min.
- **Maximum volume achieved** – at 40 cycles per minute.
- **4 Piston Construction**
- **Reciprocating drive** – achieved by a rotating constant velocity cam and a sliding carriage mechanism.
- **Equal thrust on each stroke** – gives constant flow and pressure with the special cam profile thus reducing fluid pressure fluctuations to a minimum.
- **The operating speed is adjusted** – by an AC frequency inverter between 20 and 80 HZ and can be controlled infinitely within this working range either manually or automatically.
- **Minimal Pulsation** at pump stroke change over (no surge chamber required)

### Description

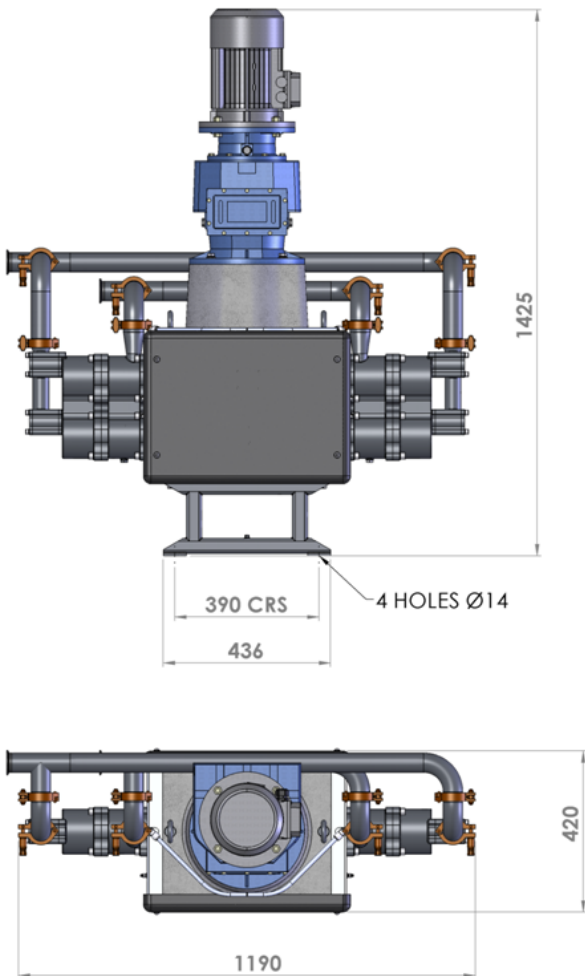
The E4-60 smart pump uses a standard EExd 4 pole AC electric motor to drive the fluid section, for pumping paints, solvents and other suitable materials.

The unit combines conventional electrical hardware to achieve optimum operating performance at a lower cost. Running costs are much lower than compressed air driven models. When used with a smart card even higher savings in running cost can be realised.

The Model E4-60 Electric Pump achieves a reciprocating drive by using a cam and cam followers combined with a sliding carriage unit. Equal thrust on each stroke together with the special cam profile reduces fluid pressure fluctuations to an absolute minimum.

## Specifications

Description	Unit
Part Number	107070 (EU) 107072 EU-Non Ex 107073 (USA)
Nominal stroke	50mm / 1.97"
Max fluid pressure	20 bar / 290 psi
Fluid output @ 20HZ (10 cycles per minute)	15Litres / 3.96 US Gal
Fluid output @ 80 HZ (40 cycles per minute)	60 Litres / 15.8 US Gal
Fluid Connections	Inlet / Outlet 2" Sanitary
Electrical Motor	EU: 400V 3PH 3.0 kW @ 50HZ 4 Pole USA: 400V 3PH 5.0 HP @ 60HZ 4 Pole
Total weight of pump	335 kg USA 360 kg (793 lbs)



## Accessories

Part. No.	Description
192800	Smart Card
192569	2" Sensor Manifold
192544	2" Sanitary Clamp
192029	2" Sanitary Seal
192547	Pressure Transducer (4-20mA / 0-25 Bar)
104049	Pressure Relief Valve - 2" Sanitary