



Power Flush-PF-40

Product description

Power Flush PF-40 has been designed for descaling, chemical circulation, & chemical cleaning pump for removing hard water deposits, lime scale, rust, corrosion debris, mud, sludge, struvite, degreasing & decarbonizing. This can be used for clean in place (CIP) applications found in food & beverage, pharmaceutical and other industries for cleaning the equipment. Power Flush PF-40 is suitable for chemical circulation for plate type heat exchangers, shell & tube type heat exchangers, mold cooling channel, coolers, condensers, evaporators, cooling channels used for various applications in manufacturing industries.



Unique advantages of power flush machine

- ▶ Acid Proof, chemical proof & leak proof system.
- ▶ No way acid can damage the seals and hence no crossover of chemical to motor winding sides which in general leads to the motor failure or corrosion of the motor.
- ▶ High flow capacity pump ensures faster removal of deposits.
- ▶ Reverse flow option ensures quick removal of deposits and hence less chemical consumption.
- ▶ Self-priming system and hence no hassles during starting
- ▶ Whole system is engineered plastics and very well compatible with low PH chemicals.
- ▶ Wetted parts are resistant to acid and hence less maintenance.
- ▶ Fresh water flushing option available for flushing the system after circulation.
- ▶ Descaling chemicals contained in a safe tank and hence no spillover on the floor, on users or on equipment.
- ▶ Pump is designed in such way that even without chemical i.e dry running will not damage the system.
- ▶ Durable and maintenance free.
- ▶ PF-40, PF-60, PF-125 models have inbuilt rear wheel for easy movement.
- ▶ Compact and modular design.



JK Engineering & Technology

Registered office

Phone : 044 - 4212 1004 | Mob: 91- 87544 48074

No.9/11, Erikarai Street, Nesapakkam, Chennai-600078

E-mail : sales@jket.in | Website : www.jket.in

Head office

1068, Munusamy Salai,
West KK Nagar, Chennai-600078

Phone : 044 - 2366 4761/62

Fax : 044 - 2366 4764



Specification of power flush PF-40

Electric motor.....	0.5 HP, IP55 rating, 220 volt.
Tank capacity.....	40 litres
Max. flow rate.....	100 l/min.
Max. head.....	18 meters.
Chemical handling ability.....	All commercially available acids, alkaline solutions, chlorine solutions, cleaning chemicals.
Max. temperature.....	72°C.
Flow and return hoses.....	2 x 3 mt hoses, 16 mm reinforced clear PVC.
Hose end fittings.....	3/4" BSP x 16 mm hose couplings.

Power flush PF-40 accessories

Dump hose.....	1 x 3 mt, 16 mm reinforced clear PVC
Water inlet hose.....	1 x 3 mt, 13 mm reinforced yellow PVC
Weight.....	20 kg

Limited warranty

JK Engineering & Technology warrants that its products will be free from materials and manufacturing defects and will be substantially follow the written specifications in its products data sheet for time period indicated therein. JK Engineering & Technology makes no warranties including but not limited to the products merchantability and suitability for the buyer's particular use or purpose and the buyers assumes all risks associated there with. If any product is proved to be defective within the warranty period, then company will either replace the defective products alone or refund the price. JK Engineering will not be liable for any damage or loss resulting from any of its products whether collateral, direct, indirect, consequential, incidental or other .

- ▶ Data in table represent average of test results and are not to be used for specification purposes
- ▶ The products user should make their own tests to determine the product's suitability for their intended use.
- ▶ JKET strives continuously to improve the product quality to meet stringent requirements of customer Specifications or applications. Hence product specifications are subject to change without prior intimation



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