



Model Number: 8090-902-278

Shurflo 8090-902-278, Positive Displacement 3 Chamber Diaphragm Pump, 100 PSI 230 Volt, 8090-802-289

Manufacturer: Shurflo

Positive Displacement 3 Chamber Diaphragm Pump- 100 PSI, 230 Volt
Upgraded from 8090-902-248 (no internal bypass) see below

OEM Associations:

Shurflo 8090-802-289

MODEL NUMBER: 8090-902-278

High Pressure Demand Pump w/ Bypass

1.4 GPM open flow, Viton® valves, Santoprene® diaphragm, 100 PSI Demand Switch, w/80 PSI Internal Bypass, 3/8" NPT-Female ports, Nylon Housing

What does the "internal Bypass" mean?

Answer: This means the pump can be used in both open flow and partially occluded use where non internal bypass have to be used either on or off.

PUMP DESIGN: Positive Displacement 3 Chamber Diaphragm Pump

CHECK VALVE: (2-Way Op) Prevents Reverse Flow & 6 Ft. Head Forward Flow

CAM: 2.5 Degree

MOTOR: Permanent Magnet, P/N 11-160-10, Thermally Protected

VOLTAGE: 230VAC Nominal

PRESSURE SWITCH: Adjustable Shut-Off (Range 80-110 PSI)

Factory Set @ 100 PSI, Turn On 75 PSI 5 PSI

LIQUID TEMPERATURE: 180 Degrees Fahrenheit (82 Degrees Centigrade) Max.

PRIME: Self-Priming Up To 9 Ft. Vertical,

Max. Inlet Pressure 30 PSI (2.1 Bar)

PORTS: 3/8"-18 NPT Female

MATERIAL OF CONSTRUCTION:

PLASTICS- Nylon

VALVES- EPDM

DIAPHRAGM- Santoprene

FASTENERS- Zinc Plated Steel

NET WEIGHT: 4.8 Lbs (2.18 Kg)

DUTY CYCLE: Intermittent (See Temperature Rise Chart)

TYPICAL APPLICATIONS: Soil Extraction

BYPASS: 100 PSI

APPROVALS: VDE Approved

MOTOR RATING: 50/60 Hertz

Availability: This product was added to our catalog on Monday 09 April, 2012