

GRF 100 10 L

Single phase 110V or 240V

Supplied fitted with appropriate plug and full user instructions.

Height 450 mm x **Width** 190 mm x **Depth** 300 mm

SPECIFICATION standard

- Nitrile seals
- Flexible hoses – 2 metres long, suction & outlet
- Steel frame
- **Outlet filtration “Spin-on” type** – See Options
- Delivery line visual gauge
- Water removal outlet filtration also available

GRF100 OUTLET FILTRATION OPTIONS

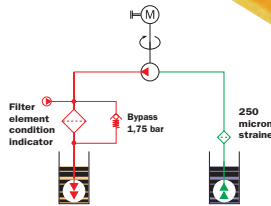
Outlet filtration micron options available:

CS100 A SERIES

3, 6, 10 and 25 micron absolute. Effective area - 3950 cm²

CS100 P SERIES

10 and 25 micron nominal. Effective area - 4300 cm²



Technical data

Pump	Gear pump
Electric Motor	0.37 kW 110/230/24 Volt single phase electric motor
Flow (l/min)	10 l/min
Max. Operation Pressure	5 bar
Viscosity range	Min. operation 10 cSt Max. operation 150 cSt Max. only for cold start 300 cSt
Suction Filter	250 µm metal mesh strainer
Filtration Rating	See options*
By-Pass valve	Visual clogging indicator (gauge)
Fluid Temperature	From -10 to +80 °C (fluid viscosity dependent)
Ambient Temperature	From -20 to +45 °C
Protection Class	IP 55
Seal material	NBR
Fluid Compatibility	Mineral Oil
Suction hose - with lance	1" length 2000 mm
Pressure hose - with lance	3/4" length 2000 mm
Weight/Dimensions	18 kg, Height 450mm, Depth 300mm,

Specifically designed for filling and emptying systems

* Water removal outlet filtration also available

Please note: filtration is not included and should be ordered separately

Spare Parts

Filter element - Standard length

Inorganic microfibre element

CS 100 A01 A P01	1 µm absolute
CS 100 A03 A P01	3 µm absolute
CS 100 A06 A P01	6 µm absolute
CS 100 A10 A P01	10 µm absolute
CS 100 A25 A P01	25 µm absolute
Wire mesh element	
CS 100 M25 A P01	25 µm
CS 100 M60 A P01	60 µm

Filter element - Extended length

Inorganic microfibre element

CS 150 A01 A P01	1 µm absolute
CS 150 A03 A P01	3 µm absolute
CS 150 A06 A P01	6 µm absolute
CS 150 A10 A P01	10 µm absolute
CS 150 A25 A P01	25 µm absolute
Wire mesh element	
CS 150 M25 A P01	25 µm
CS 150 M60 A P01	60 µm

A complete range of Off line filling/filtration units



and more..



Ordering information

GRF100 Example: GRF

1	2	3	4	5
10	0	1	M90	S

1 - Flow

10 10L/min

2 - Electrical power

0 0.37kW

3 - Electric motor

1 110V single phase

2 240V single phase

4 - Replacement suction element

M90 250µm suction strainer

5 - Filtration

S No filter fitted, to be ordered separately - see spare parts

