



Product Description

The hand refill pump consists of a storage vessel with level indicator, filling filter and a hand pump with integrated check valve. It is mounted directly on the thermosiphon vessel or the pressure booster.

Technical Features

1. For efficient processes, with a choice of 2 basic types
2. For manual refilling of buffer fluid units during operation
3. Designed for varied applications due to construction in stainless steel with borosilicate sight-glasses suitable for highly corrosive media
4. Reliability in operation due to the design of combined filling and ventilation filter in the hand refill pump
5. Two sight-glasses for reading the MIN/MAX fluid level

Recommended applications

Chemical industry	Refining technology
Petrochemical industry	Pulp and paper industry
Oil and gas industry	Food and beverage industry

Functional description

The hand refill pump is designed for manual refilling during operation in case of buffer fluid losses.

Product Variants

Designation	Volume (liters)	Allowable Temperature	Material, sight-glass/seal		Material, filling filter		Pressure control valve			
			Acrylic glass, Perbunan®	Borosilicate, T2	Polyamide	Stainless steel	None	16 bar (232 PSI)	30 bar (435 PSI)	63 bar (913 PSI)
HRP	2	60°C (140°F)	x		x				x	

Higher values on request
Other materials on request