



Tetra Pak® Pump Station M1



Application

Tetra Pak® Pump Station M series is a positive displacement pump designed for the continuous and accurate feeding of caramel and ripple sauces.

Description

They are independent units equipped with a reservoir and a pump controlled by a frequency converter. The stainless steel hygienic design of the pump station provides easy and efficient cleaning of the unit. The units with water-jacket, can be equipped with heating system or can be used for cooling purpose if required.

Tetra Pak® Pumpstation M1.1

The Tetra Pak® Pump Station M1.1 is the basic ripple pump. It has an Alfa Laval lobe pump controlled by a frequency converter. The reservoir can hold 50 litre, and is without water jacket.

Tetra Pak® Pumpstation M1.2 for Caramel

The Tetra Pak® Pump Station M1.2 is designed for high viscous products, but is also suited for other ripple products. It consists of a 50 litre stainless steel reservoir with water jacket. The unit is equipped with an Alfa Laval lobe pump with rectangular inlet for high viscous products controlled by a frequency converter.

Tetra Pak® Pump Station M1.3 for Caramel

The Tetra Pak® Pump Station M1.3 is designed for high viscous products like caramel. It consists of a 75 litre stainless steel reservoir with dimple jacket and insulation 20 mm. The unit is equipped with an Alfa Laval lobe pump with rectangular inlet for high viscous products controlled by a frequency converter. The helical agitator is designed to force the product into the pump.

Standard Design

The Tetra Pak® Pump Station M series consist of three different types of machines.

	Alfa Laval Pump	Reservoir	Agitator
Tetra Pak® Pump Station M1.1	SRU1-005	50 litre	No
Tetra Pak® Pump Station M1.2	SRU1-005	50 litre with water jacket	No
Tetra Pak® Pump Station M1.3	SRU2-013	50 litre with dimple jacket and 20 mm insulation	Standard

Optional Design

	Heating unit w. pump	Wheels	Supply hoses	Top grill circulation
Tetra Pak® Pump Station M1.1	NA	Optional	Optional	Optional
Tetra Pak® Pump Station M1.2	Optional	Standard	Optional	Optional
Tetra Pak® Pump Station M1.3	Optional	Standard	Optional	Standard

Technical Data

	Pump Station M1.1	Pump Station M1.2	Pump Station M1.3
Pump capacity*	40-290 l/h	40-290 l/h	90-710 l/h
Max pump pressure	8 bars	8 bars	10 bars
Power consumption	0,37 Kw	0,37 Kw	0,92 Kw
Heating system	NA	2,25 Kw	2,25 Kw
Connections			
- voltage	3x400 V 50 Hz	3x400 V 50 Hz	3x400 V 50 Hz
- pumpoutlet	1" Clamp	1" Clamp	1,5" Clamp
- water	NA	1/2"	1/2"

*) Theoretical capacity. For other capacity requirements and pump pressure than stated above please contact Tetra Pak.