

Portable tank - container type FV 200 - 580

Description and basic equipment:

The portable container (FV) is entirely made of **stainless steel** W.Nr.1.4301 and is **insulated** with an environmentally safe polyurethane foam without CFC.



FV 200 – 580 l

Milk cooling and farm equipment

Container type	Volume (l)	Dimensions (mm)		Weight (kg)	Code	Delivery	Type and width / length of trolleys and trailers (recommended combinations with containers)			
		Diameter - outside (mm)	Depth (mm)				RF 1	TF 2-6	TRF 3-10	PF 3-10
FV 200	200	650	800	61	4.002.02		1100/1900	670/750	/	/
FV 300	300	810	800	76	4.002.04		1300/1900	840/1050	1250/1600	1500/2050
FV 400	400	810	1000	85	4.002.05		/	840/1050	1250/1600	1500/2050
FV 450	470	960	800	98	4.002.07		/	980/1050	1250/1600	1550/2150
FV 580	580	960	1000	108	4.002.08		/	980/1050	1250/1600	1550/2150

Immersion cooler type HM

Description and basic equipment:

- the new type of evaporator allows the use of an environmentally safe cooling mean.
- the welded cooling body with a small volume needs a smaller quantity of cooling mean and it's easier to maintain.
- automatic control of operation of the cooling device gives us the most efficient cooling of the milk in different ambient temperatures.
- the specially designed stirrer is efficient even with small quantities of milk.
- because to the big surface of the cooling body the cooling time shortens and the energy consumption is reduced



Immersion cooler type	HM 202 K	HM 202 D	HM 302 K	HM 302 D	HM 402 K	HM 402D	HM 502 K	HM 502 D
Diameter of the evaporator (mm)	390	390	390	390	390	390	390	390
Power supply V-50Hz	230	230	230 (400)	230 (400)	400	400	400	400
Thermal switch of the compressor	/	/	*	*	*	*	*	*
Pressure protection of the comp.	/	/	*	*	*	*	*	*
Electrical power (kW)	1,1	1,1	1.5	1.5	1,9	1,9	2,5	2,5
Average cool. power (ISO 5708)(W)	2700	2700	3750	3750	4560	4560	6260	6260
Quantity of milk (l) cooled in 1h	70 - 80	70 - 80	90 - 105	90 - 105	115 - 130	115 - 130	130 - 150	130 - 150
Stirrer speed (rpm)	46	46	46	46	46	46	46	46
Height of the evaporator (mm)	130	130	210	210	210	210	270	270
Weight of the evaporator (kg)	12	12	15	15	15	15	16	16
Cooler height (mm)	800	1000	800	1000	800	1000	800	1000
Height of the casing (mm)	440	440	480	480	480	480	580	580
Width of the casing (mm)	560	560	680	680	680	680	680	680
Depth of the casing (mm)	370	370	540	540	540	540	730	730
Weight - total (kg)	67	67	79	79	88	88	102	102
Code	4.002.31	4.002.32	4.002.33	4.002.34	4.002.35	4.002.36	4.002.37	4.002.38

Additional equipment:

Equipment	Code
Recuperation of waste energy (for HM 302, HM 402 in HM 502) without the water container	4.003.31

Recommended combinations of portable containers type FV with the immersion coolers type HM considering the number of milkings (2M - two milkings; 4M - four milkings):





Container type	Immersion cooler type
FV 200 2M	HM 202
FV 300 2M	HM 302
FV 300 4M	HM 202
FV 400 2M	HM 302
FV 400 4M	HM 202
FV 450 2M	HM 402
FV 450 4M	HM 202
FV 580 2M	HM 502
FV 580 4M	HM 302

Additional equipment - trolleys and trailers (RF, TF, TRF, PF):

Container	RF 1	TF 2-6	TRF 3-10	PF 3-10
FV 200	4.003.51	4.003.53	/	/
FV 300	4.003.52	4.003.54	4.003.56	4.003.58
FV 400	/	4.003.54	4.003.56	4.003.58
FV 450	/	4.003.55	4.003.56	4.003.59
FV 580	/	4.003.55	4.003.56	4.003.59

Equipment	Code
DN 50 outflow valve	4.003.80

Trolleys and trailers - different executions:

			
Hand pulled trolley type RF 1	Three point tractor connection trailer type TF 2 - 6	Tractor / hand pulled trolley type TRF 3 - 10	Automobile trailer type PF