

TECHNICAL SPECIFICATIONS

Model Number	MC500V1A	MC160V1A
Input supply	220V (± 5%), 50Hz, Single Phase	220V (± 5%), 50Hz, Single Phase
Total milk cooling capacity per day	500 Ltr. (250 Ltr. Per Session)	160 Ltr. (80 Ltr. Per Session)
Chilling time	1 hour	1 hour
Rated inlet milk temperature	35°C	35°C
Average milk outlet temperature	7°C	7°C
Quantity of hot water generation per day	100 Ltr. (50 Ltr. Per Session)	NA
Average Outlet temperature of hot water	55°C	NA
Rated thermal bank charging hours per session	5 - 6 hours	5 - 6 hours
Rated compressor power consumption	~1 kW	~0.42kW
Rated total energy consumption per session	6 kWh	2.5 kWh
Net energy recovered in HRU per session	1.5 kWh	-
Net energy consumption per session	4.5 kWh	2.5 kWh
Condenser type	Air Cooled	Air Cooled
Unit dimensions (LxWxH)	1470mm x 822mm x 1825mm	860mm x 760mm x 1340mm
Standing platform dimensions (LxWxH)	1170mm x 660mm x 260mm	NA
CIP module dimensions (LxWxH)	955mm x 400mm x 755mm	540mm x 410mm x 720mm
Main unit weight	Approx. 300 kgs	Approx. 120 kgs
Total weight	Approx. 350 kgs	Approx. 120 kgs
Total weight with water inside	Approx. 650 kgs	Approx. 190 kgs
CIP Module	Semi-Automatic	Semi-Automatic