Ice Make Ageing Vat is used to cool down ice cream mix and to maintain temperature of around 4˚C. Slow agitation allows the complete ageing of the ice cream mix.

Ice Make Ageing Vat keeps the mix well blended, prevents separation of the ingredients and increases the thickness of mix, which in turn improves flavour, creaminess, texture, overrun and melting resistance of ice cream. Ice Make Ageing Vat is essential to prepare large quantities of mix for the top quality fresh ice cream.

Special Features

- Compact design
- Easy operation & user-friendly
- Automatic precision control assures quality aging of mix
- The equipment requires a relatively small amount of floor and plant space
- The closed unit keeps the processing losses to a minimum

IAV-500

IAV-200

IAV-2000

ICE MAKE

Technical Specification

Description	IAV-200	IAV-300	IAV-500	IAV-750	IAV-1000	IAV-1500	IAV-2000
Net Capacity	200 Ltr	300 Ltr	500 Ltr	750 Ltr	1000 Ltr	1500 Ltr	2000 Ltr
Gross Capacity	250	315	515	785	1020	1560	2040
Outer Size(mm) (OD x H) (COPPER)	950 x 1135	1050x1135	1200x1235	1350x1335	1450x1410	1550x1685	1600x1935
Outer Size(mm) (OD x H) (DIMPLE)	870 x 1085	870 x 1085	1120x1185	1270x1285	1370x1360	1370x1635	1370x1635
MOC	S.S 304	S.S 304	S.S 304	S.S 304	S.S 304	S.S 304	S.S 304
Inner Shell Thickness (mm)	2mm	2mm	2mm	2mm	2mm	2mm	2mm
Intermediate Jacket S.S 304	1.6mm	1.6mm	1.6mm	2mm	2mm	2mm	2mm
Outer Shell Thickness (mm)	1.6mm	1.6mm	1.6mm	2mm	2mm	2mm	2mm
LID	Door with hinge, 02 No.	Door with hinge, 02 No.	Door with hinge, 02 No.	Door with hinge, 02 No.	Door with hinge, 02 No.	Cone Type with single man hole Dia. 450mm	Cone Type with single man hole Dia. 450mm
Jacket Volume Dimple (Ltr.)	17	20	28	37	44	60	74
Jacket Volume Copper Coil (Ltr.)	94	110	151	198	235	317	387
PUF Insulation	75mm	75mm	75mm	75mm	75mm	75mm	75mm
Motor (HP) 3PH	0.5	0.5	1	1	1.5	1.5	1.5
Gear RPM	14 RPM	14 RPM	14 RPM	14 RPM	14 RPM	14 RPM	14 RPM
Product Outlet Size	38mm	38mm	38mm	38mm	38mm	51mm	51mm
Product Inlet Size	25mm	25mm	25mm	25mm	25mm	38mm	38mm
Connected Load	2.25 kW	2.25 kW	2.7 kW	4.5 kW	5.9 kW	9 kW	11.8 kW

SECTION VIEW OF
AGEING VAT WITH COPPER JACKET

COPPER PIPE

PUF INSULATION

COPPER JACKET SHEET

BRINE MATERIAL

OUTER SHELL SHEET

INNER SHELL SHEET

OUTLET