

CAT. NO.	DESCRIPTION OF ITEM	PRICES (PER UNIT) IN RUPEES
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hinges. Provided with basket etc. solid state thermostatic controlled, temp. upto -20 deg C. Built in condenser, childproof temp. control knob. Lockable lid with castor wheels.

Cap. (Approx.)	100 ltr.	170 ltr	280 ltr	390 ltr.	465 ltr	720 ltr.
Temperature Range	(-20 deg C ~ +8 deg C)					
PRICE:	28500/-	31500/-	38900/-	48500/-	58800/	85800/-

STAR-44 ULTRA FREEZER -80°C VERTICAL / HORIZONTAL MODEL

Volume Liter:	100 ltr	170 ltr	270	325	380	500
Compartments:	2 Nos.	4 Nos.	4 Nos.	4 Nos.	4 Nos.	5 Nos.
Price of Basic Unit: (w/o cooling)	288000/-	293000/-	295000/-	297000/-	298000/-	298000/-
Cooling Unit:	258000/-	261000/-	272000/-	282000/-	297000/-	323000/-

STAR-45 ICE FLAKING MACHINE

Stainless steel body and reentering door which assures an easier accessibility to ice, and it is provided with electro mechanical control device. Stainless steel cabinet, properly insulated. Interior & exterior made of S.S., CFC free refrigerant. Ice production is calculated at ambient temperature 10 deg C and water temp. 10 deg C, Automatic control, Air Cooled Model.

Ice output per 24 hours/kg.	50	70	90	150
Storage bin kg	10	15	19	38
Rated Capacity kg	60	70	90	150
PRICE:	188000/-	225000/-	233000/-	282000/-

STAR-46 LAMINAR AIR FLOW BENCH (HORIZONTAL)

It involves double filtration of air. Atmospheric air is drawn through prefilters and is made to pass through the work table at desired velocity of 1000 cfm +/-20.

Laminar flow is made out of 18mm thick Duro Board / MS / SS Body with exterior covered with thick white mica sheet/ MS/SS & interior covered with epoxy paint. All joints are tongs and grooved type for extra sturdiness. Table top is covered with non antiglare platform of stainless steel sheet. The side panels are fixed and are made of clear 0.25 inches thick glass acrylic sheet. Front side is fitted with acrylic door. Environmental air is drawn by a balanced double blower through prefilters retaining more than 75% of particles and biological contaminants larger than 0.3 microns

PRE filters are fabricated out of washable synthetic non woven media. The material is moisture fungus bacteria and frost resistant and is mounted in metallic frame. The filters are DOP as per BS: 2831 and are 90% efficient to 5 microns.

These are made out of micro frame fiber with corrugated aluminum foil separators and mounted in anodized aluminum frame sealed with epoxy sealant and is provided with rubber gasket for proper sealing. HEPA filters are 99.97% efficient down to 0.3 microns and are protected by expanded metal sheet or plastic sheet. HEPA filters are DOP tested from point to point with IPD less than 18mm WG and FPD less than 40mm WG at rated flow upto 1000 cfm +/-20 and confirming to class 100 of revised US Federal Standard 209B. Blower Assembly consist of suitable American universal motor or equivalent working on 220V 50 Hz with a 15 amp. Power point. Dynamically and statistically balanced blowers with air velocity 0.5 m/s make the unit least vibrant with minimum noise level i.e. less than 65db. Clean air velocity 90 +/-20 FPM at the outlet of HEPA filters. Provided with fluorescent tube lights to provide 800-1000 lux. Static pressure manometer accurately calibrated to assess static pressure in HEPA filters. Provided with gas line fitting to connect the instrument with gas or air. Provided with UV light of 30W 254nm. Control panels are provided with mains indicator lamp fluorescent and UV tube switch.

Working Area	No. of HEPA	Wooden Body SSTop	With MS Body S.S. Top	With SS Body S.S. Top
2x2x2	1	51000/-	68000/-	96000/-
3x2x2	1	63000/-	78000/-	108000/-
4x2x2	2	76000/-	91000/-	126000/-
6x2x2	2	94000/-	122000/-	183000/-
8x2x2	3	124000/-	155000/-	224000/-



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CAT. NO.	DESCRIPTION OF ITEM	PRICES (PER UNIT) IN RUPEES
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STAR-47 LAMINAR FLOW (VERTICAL)

---do---same as above but Vertical Type

Working Area	No. of HEPA	Wooden Body SS Top	With MS Body S.S. Top	With SS Body S.S. Top
2x2x2	1	56000/-	75000/-	98000/-
3x2x2	1	65000/-	85000/-	116000/-
4x2x2	2	77000/-	94000/-	135000/-
6x2x2	2	98000/-	134000/-	198000/-
8x2x2	3	127000/-	173000/-	233000/-

OPTIONAL ACCESSORIES FOR HORIZONTAL & VERTICAL MODELS:

1) U.V. Light	1700/-
2) Magnahelic gauge	16000/-
3) Timer for U.V. Lights	3200/-
4) Caster Wheels	1700/-
5) Particle Dust Count-Validation at site	13500/-
6) Exhaust System with motor & blower	11200/-
7) Exhaust Ducting 5" dia pipe per running feet	900/-
8) UV resistant poly carbonate sheet in place of acrylic sheet	
2'x2'x2' OR 3'x2'x2'	11000/-
4'x2'x2' OR 6'x2'x2'	17500/-
9. LCD Display with soft touch switches for motor, UV light, F.V. Light & U.V. Timer	32000/-
10. Microprocessor based touch screen display system with Display of velocity with lower and upper safe limits. Display of total run time of instrument & timer for U.V. Lamp. Control of U.V. Light to prevent the operator from U.V. Rays as and when required. Door sensors to switch off the UV light when door is opened. Display of message for HEPA filter, U.V. Light etc.	96000/-
11. PC Interface with Rs232 for data transfer to PC	42000/-



STAR-47

STAR-48 FUME HOOD CHAMBER

Fume exhaust hoods are designed to contain and exhaust toxic, obnoxious or otherwise harmful gases, vapors, mist etc to protect personnel and equipment. A motor driven blower creates negative pressure within the chamber extracting the contaminated air from work area and expel it into the atmosphere. The hood is ventilated of the air drawn for inside the laboratory which is used effectively for thorough sweep – out of work chamber.

Fume hood is fabricated out of 18mm thick duro board with interior covered with epoxy paint and all exterior are covered with thick white mica sheet. All joints are tongs and grooved type for extra sturdiness. Table top is covered with non antiglare platform of 304 stainless steel sheet. Inner side panels are covered with chemical resistant ceramic tiles up to 2 ft. height on 3 sides. A up and down sliding sash / door made of thick seasoned teak wood / anodized aluminum and mounted with heavy glass with front opening. Work table base is provided with one drawer and one storage box.

Electric point 15 / 5 Amps 2 nos. Wash basin of size: 250 x 250 x 125mm depth made of S.S. with waste pipe. Stainless steel water tap. Assembly consist of suitable American universal motor or equivalent working on 220V 50Hz single phase AC. Dynamically and statistically balanced blowers make the unit least vibrant with minimum noise level. Provided with ½ nos. fluorescent tube light with all necessary fittings etc. provided with 2 nos. extra electrical points. Exhaust system is provided with ISI mark exhaust fan 15" motor driven and fitted with suitable exhaust pipe and ducting. Provided with mains indicator lamp, fluorescent tube, switch etc.

Working Chamber Sizes (W x D x H) Wooden Body

4' x 2' x 2'	3' x 2' x 2'	6' x 2' x 2'	8' x 2' x 2'
96000/-	82000/-	132000/-	150000/-

--do--same as above but MS Duly Powder Coated Body

Working Chamber Sizes (W x D x H)

4' x 2' x 2'	3' x 2' x 2'	6' x 2' x 2'	8' x 2' x 2'
112000/-	93500/-	174000/-	214000/-



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