

HULL CORPORATION
 MODEL 12FS10 FREEZE DRYER
 SPECIFICATIONS

I. FUNCTIONAL DATA:	
Shelf Area. (Sq. Ft.)	12
Shelves: Number Usable	2
Size (W x D, Inches)	24 x 36
Clearance Between Shelves, (Inches)	4-1/2
II. REFRIGERATION & HEATING DATA:	
Shelf Temperature Range (°C.)	-50 to +75
Shelf Heating (KW)	2
Condenser Ice Cap. (as liters H ₂ O @ 15mm build-up)	10
Condenser Temp. at Blankoff (°C.)	-65
Condenser Plate Surface Area (Sq. Ft.)	6.5
III. MECHANICAL DATA:	
Shelf Ref. Compressor (HP)	3
Condenser Ref. Compressor (HP)	
Vacuum Pump (HP x CFM)	1 x 17.7
System Blankoff Press., (Microns)	10
(System Clean, Dry, Empty)	
Pumpdown Time to 100 Microns, (Minutes)	8
(System Clean, Dry, Empty)	
IV. SERVICES REQUIRED:	
Elec. Service (Volts/Ph./Hz.)	~230/3/60
Amperes (at above voltage)	35
Cooling Water (Max., GPM @ Startup @ 85°F.)	7.5
V. MISCELLANEOUS	
Chamber Inside (W x D x H, Inches)	34 x 40 x 15
Chamber Volume (Cu. Ft.)	11.8
Stoppering Mechanism	Up/Hyd.
Approximate Weight: (Lbs.)	3,300