

HIGH PRESSURE AIR COMPRESSOR WITH AIR RECEIVER			
S.No	Items	Units	Specification
HIGH PRESSURE AIR COMPRESSOR			
1	BORE & STROKE		5-1/2" & 3" & 1-5/8" X 4"
2	PISTON DISPLACEMENT	CFM	49.50
3	WORKING PRESSURE	PSIG/ Kg/cm ²	500 / 35
4	ACTUAL DELIVERY	CFM	37.7
5	MOTOR SPEED(RPM)	RPM	900 (Max.)
6	MOTOR HP	HP	20 (Max.)
7.	ELECTRICALS	V/PH/Hz	400/3/50
8.	MOTOR TYPE		TEFC
9.	TYPE STARTER		ASD
HIGH PRESSURE AIR RECEIVER			
1.	CAPACITY	Ltrs	500
2.	WORKING PRESSURE	Kg/cm ²	35
3.	DESIGN PRESSURE	Kg/cm ²	38.5
4.	TEST PRESSURE	Kg/cm ²	57.75
5.	SHELL/DISH THICKNESS	MM	16
6.	IN/OUT NOZZEL	MM	50/50
7.	MATERIAL OF CONSTRUCTION IS2062		
8.	DISH & SHELL THICKNESS		IS2825 CLASS-III
9.	FLANGES		IS6392 TABLE 7
10.	CORROSION ALLOWANCE	MM	1.5
11.	Others	Bidder to specify and quote if any other accessories available /required for smooth running of the machine	
12	General features :	Bidder to specify the features of the machine	
	The specification of feed drive motors with make, model no., max. & nominal torque		

WATER CHILLER			
S.No	Items	Units	Specification
S.No	Specification	Units	Range / Value
1	Nominal Cooling Capacity	TR	2 to 3
2.	At Water Temperature	°C	15
3.	Ambient Temperature	°C	45
4.	Control Range	°C	+8 upto + 30
5. Compressor Details			
5.1	Type		Scroll Compressor
5.2	Compressor Drive	kW	2.1
5.3	No of Circuit		1
5.4	Ambient Temperature For Compressor	°C	Max. 60
5.5	Cooling Agent		R 134a
5.6	Fan Drive	kW	0.2
6. Evaporator cum process Pump			
6.1	Max Flow rate	LPM	70-80
6.2	Max Pressure	Bar	3.5-4.0
6.3	Pump Drive	kW	0.46
6.4	Water Connection		R 3/4" BSP Inside thread
6.5	Electr. Power Supply		415V,50Hz,3 Phase
6.6	Control Voltage		230V, 50 Hz
6.7	Total Connected Load	kW	2.76
6.8	Tank volume	Ltr.	65-70
7. Main Dimensions :			
7.1	L X W X H (Main machine)	mm	700 x 840 X 1230
8.	Others	Bidder to specify and quote if any other accessories available /required for smooth running of the machine	