

RECIPROCATING AIR COMPRESSOR



Features:

- Longer life
- Low noise level / vibration
- Easy to operate
- Low oil consumption
- Minimum maintenance
- Low operating costs

Special Features :

- Piston : Automotive type low expansion aluminium alloy
- Cylinder Valve Plates : Special cast iron deep finned for quick heat dissipation
- Inter / After - Cooler : Special Stainless steel material for high resistance and efficiency and for self floating
- Crank Shaft : Deep finned aluminium alloy specially designed to keep temperatures low and minimise formation of carbon
- Diaphragm Pressure : Made of Carbon steel and dynamically balanced with roller bearings
- Switch : For efficient automatic 'On and Off automatic venting and no-load restarting of compressor units, pressure switch with electromagnetic unloader is provided.,

PERFORMANCE DATA

S.NO.	MODEL	NUMBER OF CYLINDERS	MOTOR (HP)	PISTON		MAX. WORKING PRESSURE		TANK
				DISPLACEMENT		PSI	kg / cm ²	CAPACITY IN LTRS
				CFT / MIN	LTR / MIN			
SINGLE STAGE UNITS								
1	TC -50	1	0.5	3.5	102	70	5.0	35
2	TC -100	1	1.0	5	142	142	10	110
3	TCS -100	1	1	4.15	118	142	10	110
4	TCS -150	1	1.5	5.5	157	142	10	110
5	TCS -200	1	2	7	200	142	10	160
6	TC -200	2	2	8.833	250	150	10.5	160
7	TCS -300	2	3	12.7	360	128	9	250
8	TCS -500	2	5	21.4	605	128	9	250
9	TCS -750	2	7.5	32.5	921	100	7	500
10	TCS -1000	2	10	43.4	1228	100	7	500
11	TCS -1500	3	15	65.463	1852.59	100	7	500
TWO STAGE UNITS								
12	TCH -200	2	2	6.9	196	170	12	160
13	TCH -300	2	3	11	310	170	12	160
14	TCH -500	2	5	17.7	500	170	12	250
15	TCH -600	2	7.5	22.4	634	170	12	250
16	TCH -1000	3	10	35.385	1001.4	170	12	500
17	TCH -1500	3	15	54.257	1535.48	170	12	500
TWO STAGE HIGH PRESSURE SERIES								
18	THPCH -200	2	3	6.357	179.91	426.81	30	Basemounte d
19	THPCH -300	2	5	10.981	310.75	426.81	30	"
20	THPCH -500	2	7.5	17.693	500.7	426.81	30	"
21	THPCH -600	2	10	22.411	634.72	426.81	30	"
22	THPCH -1000	3	20	43.624	1335.06	426.81	30	"