

TANK MOUNTED SERIES



TANK MOUNTED SERIES SPECIFICATION

MODEL	HP	FAO CFM	M ³ /min Bar	DRYER	TANK	FILTER
ECTM-5	5HP	22 CFM	0.62/7	40 CFM	120LTR	40 CFM
ECTM-7.5	7.5HP	32 CFM	0.91/7	60 CFM	160LTR	60 CFM
ECTM-10	10HP	45 CFM	1.29/7	60 CFM	300LTR/500LTR	60 CFM
ECTM-15	15 HP	65 CFM	1.85/7	80 CFM	500LTR/650LTR	100 CFM
ECTM-20	20HP	91 CFM	2.60/7	100 CFM	500LTR/650LTR	100 CFM

OTHER PRODUCTS

SCREW AIR COMPRESSOR PM+VFD	TWO STAGE SCREW AIR COMPRESSOR	RECIPROCATING AIR COMPRESSOR
100% OIL FREE AIR COMPRESSOR	VACUUM PUMPS	REFRIGERANT TYPE AIR DRYER
AIR RECEIVER TANK	LINE FILTER	COMPRESSED AIR LINE



AN ISO 13485 : 2016 / 9001 : 2015 CERTIFIED COMPANY

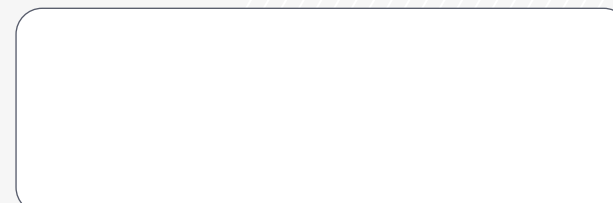
EMPIRE COMPRESSOR PVT.LTD.

Plot No. 12 & 13 Panchratna Industrial Estate, Nr. Bahuchar Party Plot, Kathwada - Singrva Road, Kathwada, Ahmedabad-382430 (Guj) India.

+91 9909968852 / +91 9909969952
 enquiry@empirecompressor.com
 www.empirecompressor.com



AUTHORISED DEALER



www.empirecompressor.com



ROTARY SCREW AIR COMPRESSOR



AN ISO
 13485 : 2016 / 9001 : 2015
 CERTIFIED COMPANY

HEART OF YOUR EMPIRE

TECHNICAL SPECIFICATION OF SCREW AIR COMPRESSOR



MODEL	POWER (KW)	RPM	FREE AIR DELIVERY				NOISE (DB)	MACHINE DIMENSION (L*W*H) MM	WEIGHT (KG)	AIR OUTLET INCH / MM
			CFM		(M ³ /MIN)/Mpa					
ECI-10D	7.50	2900	45.92 33.55	38.85 30.37	1.27/0.7 0.95/1.0	1.10/0.8 0.86/1.3	62±2	900*650*920	215	G1 3/4"
ECI-15D	11	2900	65.34 49.44	57.21 46.26	1.85/0.7 1.40/1.0	1.62/0.8 1.31/1.3	62±2	1080*700*1090	335	G1 1"
ECI-20D	15	2900	91.83 77.70	88.30 56.86	2.60/0.7 2.20/1.0	2.50/0.8 1.61/1.3	62±2	1080*700*1090	335	G1 1"
ECI-25D	18.50	2900	113.02 92.53	109.49 74.17	3.20/0.7 2.62/1.0	3.10/0.8 2.10/1.3	63±2	1300*855*1150	465	G1 1"
ECI-30D	22	2900	134.21 113.02	127.15 98.90	3.80/0.7 3.20/1.0	3.60/0.8 2.80/1.3	63±2	1320*880*1070	468	G1 1"
ECI-40D	30	2900	183.66 158.94	176.67 134.21	5.20/0.7 4.50/1.0	5.00/0.8 3.80/1.3	63±2	1500*1000*1330	620	G1 1.5"
ECI-50D	37	2900	240.17 197.79	218.98 173.06	6.80/0.7 5.60/1.0	6.20/0.8 4.90/1.3	63±2	1500*1000*1330	630	G1 1.5"
ECI-60D	45	2900	282.56 247.24	271.96 204.85	8.00/0.7 7.00/1.0	7.70/0.8 5.80/1.3	68±2	1500*1000*1380	825	G1 1.5"
ECI-75D	55	2900	381.45 317.88	356.73 300.22	10.80/0.7 9.00/1.0	10.10/0.8 8.50/1.3	68±2	2045*1250*1705	1250	G2"
ECI-100D	75	2900	480.35 409.71	469.75 353.20	13.60/0.7 11.60/1.0	13.30/0.8 10.00/1.3	68±2	2045*1250*1705	1450	G2"
ECI-120D	90	2900	582.78 515.67	547.46 434.43	16.50/0.7 14.60/1.0	15.50/0.8 12.30/1.3	68±2	2340*1480*1820	1820	DN50
ECI-150D	110	2900	759.38 618.10	724.06 572.18	21.50/0.7 17.50/1.0	20.50/0.8 16.20/1.3	68±2	2568*1620*1985	1970	Dn65
ECI-175D	132	2900	925.38 777.04	883.00 724.06	26.20/0.7 22.00/1.0	25.00/0.8 20.50/1.3	72±2	2568*1620*1985	2400	DN65
ECI-200D	160	2900	1013.68 868.87	974.83 759.38	28.70/0.7 24.60/1.0	27.60/0.8 21.50/1.3	72±2	2720*1750*2125	2600	DN65

D: DIRECT DRIVEN COOLING TYPE : AIR COOING

FEATURES

2 years of warranty for screw airend

Oil cooler is designed at 45°C ambient temp

Which is suitable for indian industrial circumstances

All parts are designed with universal design code/standard

Consumable cost is low up to 35% as compare to others

Thermostatically operated fan motor

ONE TO ONE GEAR LESS DIRECT DRIVE SCREW AIR COMPRESSOR

AT LOW SPEED 2900 RPM LARGE AIRAND ARE MORE EFFICIENT THAT HIGH SPEED AIRENDS, DELIVERING MORE COMPRESSED AIR FOR SAME DRIVE POWER, LOWER SPEED MEANS INCREASED EFFICIENCY AND DURABILITY WITH REDUCED COMPRESSED AIR COST, LESS WEAR & LESS MAINTENANCE COST.

INTELLIGENT CONTROLLER
 AUTOMATIC REMINDER ALERT FOR MAINTENANCE & REPLACEMENT
 INTELLIGENT HUMAN-COMPUTER INTERFACE SHOWING FAULT RECORD
 SHOWING REAL TIME RUNNING DATA

FILTER SYSTEM
 GERMANY BRAND OIL FILTER
 GERMANY BRAND AIR FILTER
 GERMANY BRAND AIR OIL SEPARATOR
 EQUIPPED WITH DIFFERENTIAL PRESSURE TRANSDUCER

MOTOR
 HIGH EFFICIENCY IE3/IE4
 ENERGY SAVING
 INSULATION GRADE F
 PROTECTION GRADE IP55
 RELIABLE & LONG LASTING DURABILITY

ELECTRICAL COMPONENTS
 FRANCE ORIGINAL SCHNEIDER MAKE ELECTRICAL COMPONENTS
 DEFAULT PHASE PROTECTION
 OVER TEMPERATURE PROTECTION
 IDLE LOAD PROTECTION
 AUTOMATIC UNLOADING
 AUTOMATICALLY ADJUST AIR DELIVERY

INTAKE VALVE
 ADVANCE AIR FLOW CONTROL SYSTEM
 AIR DELIVERY ADJUSTMENT RANGE 0-100%
 BALANCE AIR SUPPLY & AIR CONSUMPTION ENERGY SAVING

AIR END
 LARGE ROTORS & LARGE BEARING TO ENSURE LOW SPEED LINER SCREW ROTOR
 THIRD GENERATION 5:6 MALE & FEMALE HELICAL ROTORS WITH SKF BEARING
 HIGH PERFORMANCE, LOW NOISE, LOW VIBRATION
 OUTSTANDING DURABILITY & LONG SERVING LIFE

