

Air Compressor



IEC air cooled compressors are engineered for economy, durability and easy operation. For the range of compressors illustrated in this brochure, we have established efficient and world class quality products. These compressors are available as Bare, Base frame mounted or ready to use receiver mounted units.

Construction Features:

Crankcase	The pressure tight crankcase is high grade cast iron.
Crankshaft	Thoroughly well balanced crank pink with integral counter weights to ensure balanced and smooth operation.
Cylinders	Precious bored and honed to desired smooth finish to give reduced friction, wear and tear. Cylinders are detachable from crankcase for cleaning , inspection and servicing.
Piston	They are matched for smooth and vibration free operation. Short piston strokes and low piston speed reduces heat generation and decreases power losses.
Valves	Valves open and close quickly which results in high efficiency. Totally maintenance free.
Fly wheel cum Fan	Well balanced to ensure vibration free and smooth running of compressors and effective cooling of the cylinders.

Direct - Driven Air Compressors:

Model	No. of Cylinder	Comp. RPM	Air Delivery		Working Pressure	Motor (HP.)	Air Receiver (Ltrs)
			L.Min	CFM			
IEC-JD-2024	1	2850	120	4.3	8 Bar	1	24
IEC-JD-2050	1	2850	206	7.3	8 Bar	2	50

Single Stage Air Compressors:

Model	No. of Cylinder	Comp. RPM	Air Delivery		Working Pressure	Motor (HP.)	Air Receiver (Ltrs)
			L/Min	CFM			
IEC-JV-0.17/8	2	1030	170	6.0	8 Bar	2	115 (Vertical)
IEC-JV-0.25/8	2	1030	250	8.9	8 Bar	3	115/60
IEC-JW-0.36/8	2	1080	360	12.8	8 Bar	4	120
IEC-JV-0.6/8	2	920	600	21.4	8 Bar	5	180
IEC-JV-0.67/8	2	900	680	24.0	8 Bar	7.5	180
IEC-JW-1.0/8	3	820	1000	35.7	8 Bar	10	180
IEC-JS-4016/10	4	820	1600	57.0	10 Bar	15	-
IEC-JW-2.85/8	3	870	2600	93.0	8 Bar	20	300

Single Stage Energy Saving Air Compressor:

Model	No. of Cylinder	Comp. RPM	Air Delivery		Working Pressure	Motor (HP.)	Air Receiver (Ltrs)
			L/Min	CFM			
IEC - JH - 4055 L	2 x 2	1400	230 x 2	8.3 x 2	8 Bar	3 x 2	180

Two Stage Air Compressor:

Model	No. of Cylinder	Comp. RPM	Air Delivery		Working Pressure	Motor (Hp.)	Air Receiver (Ltrs)	Air Receiver (Ltrs)
			L/Min	CFM				
IEC-JV-0.25/12.5	2	1030	250	250	8.9	12 Bar	3	115
IEC-JV-0.6 /12.5	2	900	900	600	21	12.5 Bar	5	180
IEC-JV-0.67 / 12.5	2	900	900	680	24	12.5 Bar	7.5	180
IEC-JH-0.53 / 12.5	2	900	900	530	18.8	12.5 Bar	7.5	200
IEC-JV-1.05/12.5	4	660	660	1050	37.5	12.5 Bar	10	240
IEC-JV-3.0/10	4	860	860	3027	107	10 Bar	30	300