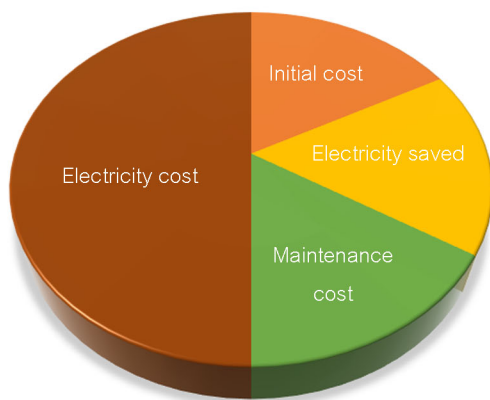


ESSENCE™

2 YEARS WARRANTY

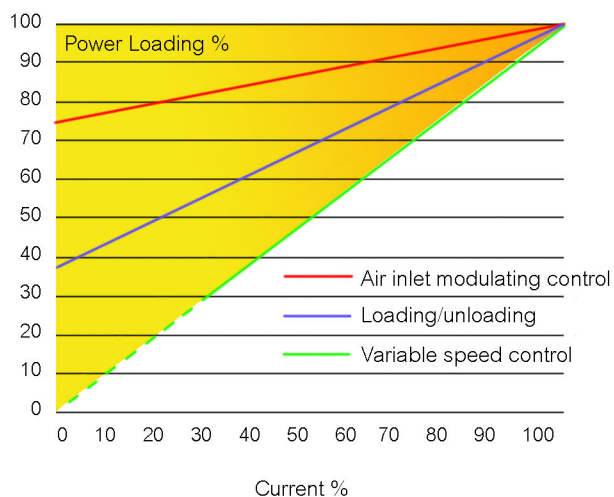
Running 8000 hours a year, with an average 70% loading

Power	15kW	22kW	37kW	55kW	75kW	90kW
Saved electricity (KWH/year)	28000	40800	69000	102400	140000	167000
Saved money USD0.1/kWH	USD2800	USD4080	USD6900	USD10240	USD14000	USD16700



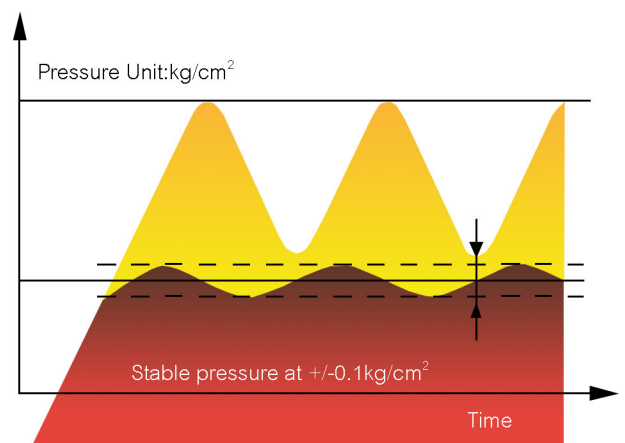
Energy-saving control

Variable speed screw air compressor provides 30% ~ 100% linear stepless control which can adjust the power consumption according to the compressed air loading and save the energy from the running cost up to 35%



Constant pressure air supply

The frequency control can react to the changing of used air volume and supply the stable air pressure under $\pm 0.1 \text{ kg/cm}^2$ compare to the 1 ~ 2 % pressure difference from loading-unloading on the traditional air compressor, it can save 7 - 14% electricity cost from running



Soft - Starter



ZM Fixed Speed Screw Air Compressors

ZM Machine Model			ZM08	ZM11	ZM15	ZM18	ZM22	ZM30	ZM37	ZM45	ZM55	ZM75
AIR DISCHARGE	7bar(g)	m ³ /min	1.10	1.75	2.70	3.30	3.65	5.40	6.70	7.80	10.70	13.80
	8bar(g)	m ³ /min	1.02	1.65	2.40	3.00	3.60	5.20	6.30	7.60	9.60	13.00
	10bar(g)	m ³ /min	0.95	1.50	2.05	2.60	3.40	4.80	5.80	6.90	8.80	11.70
	12bar(g)	m ³ /min	0.83	1.40	1.95	2.40	3.00	4.20	5.30	6.30	8.10	10.25
Power		kW	7.5	11	15	18.5	22	30	37	45	55	75
Starting method		Type	Y - Δ									
Voltage/Frequency		V/Hz	380V, 50Hz									
Discharge temperature		°C	≤ Ambient temperature + 15 °c									
Transmission Method			Belt									
Air Outlet	in.		G3/4	G3/4	G3/4	G1	G1	G1 1/4	G1 1/4	G2	G2	G2
Length	mm		1100	11200	1200	1300	1300	1500	1500	1800	2000	2000
Width	mm		730	750	750	860	860	1000	1000	1200	1360	1360
Height	mm		1060	1200	1200	1300	1300	1450	1450	1600	1700	1700
Weight	kg		280	300	400	500	570	850	880	1080	2150	2250

POWERATE ENGINEERING

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ESSENCE™

Screw Air Compressors