

## DIRECT LOW PRESSURE SCREW AIR COMPRESSOR



Low pressure screw compressor series is a new compressor produced according to the national policy of energy saving, emission reduction and environment protection. It changes the traditional compressor with relatively high pressure. It transfers the compressed air after pressure reduction to the air consumer, which wastes large amounts of energy.

The low pressure screw compressor can be distributed according to the air pressure of the user, to satisfy the process flow with minimum energy. The manufacturing cost of your product can be largely improved. For example, if your process system only needs 3bar pressure and the used compressor can provide 7bar, then it can be reduced to 3bar, it may take two times power to satisfy your process system. You can choose our low pressure screw compressor only to consume half of the power, and the air pressure in the process system can still be ensured, thus realizing energy saving and emission reduction.

J.P.G TECHNOLOGY CO.,LTD

Model	Air delivery /Working pressure			Motor power				Cooling air volume	Cooling water volume	connect pipe diam.	Weight	Dimension(mm)		
	m <sup>3</sup> /min/bar											KW	m <sup>3</sup> /min	Kg
ERC-30SA		5.5/4	6.55/3	22	Y-Δ starting	72±5,testing according to the international GB/T 4980-2003 standard	≤3ppm	110		1 1/4"	725	1380	850	1150
ERC-30SW		5.5/4	6.55/3	22					14.5	1 1/4"	725	1380	850	1150
ERC-40SA	6.55/5	7.1/4	8.6/3	30						1 1/4"	1060	1380	850	1150
ERC-40SW	6.55/5	7.1/4	8.6/3	30					20	1 1/4"	1060	1380	850	1150
ERC-50SA	7.9/5	9.0/4		37					145	1 1/2"	1150	1595	1000	1365
ERC-50SW	7.9/5	9.0/4		37					25	1 1/2"	1150	1595	1000	1365
ERC-60SA			13.8/3	45					185	1 1/2"	1750	1595	1000	1365
ERC-60SW			13.8/3	45					30	1 1/2"	1750	1595	1000	1365
ERC-75SA			17.45/3	55					220	2"	2030	2100	1250	1700
ERC-75SW			17.45/3	55					39.9	2"	2030	2100	1250	1700
ERC-100SA	17.3/5	19.0/4	22.2/3	75					250	DN65	3030	2545	1450	1900
ERC-100SW	17.3/5	19.0/4	22.2/3	75					51	DN65	3030	2545	1450	1900
ERC-120SA	22.2/5	24.0/4	27.0/3	90					270	DN80	3320	2545	1450	1900
ERC-120SW	22.2/5	24.0/4	27.0/3	90					61	DN80	3320	2545	1450	1900
ERC-150SA	23.5/5	26.0/4	32.0/3	110					420	DN80	3780	2650	1550	1900
ERC-150SW	23.5/5	26.0/4	32.0/3	110					79	DN80	3780	2650	1550	1900
ERC-175SA	26.4/5	30.9/4	38.4/3	132					460	DN100	4930	3150	1950	2020
ERC-175SW	26.4/5	30.9/4	38.4/3	132					91	DN100	4930	3150	1950	2020
ERC-200SA	32.0/5	39.5/4	45.3/3	160					510	DN100	5450	3400	1950	2020
ERC-200SW	32.0/5	39.5/4	45.3/3	160					105	DN100	5450	3400	1950	2020
ERC-250SA	37.0/5	43.0/4	54.0/3	185					510	DN125	6100	4000	2000	2100
ERC-250SW	37.0/5	43.0/4	54.0/3	185					123.5	DN125	6100	4000	2000	2100
ERC-270SA	40.0/5	46.5/4	55.7/3	200					620	DN125	7500	4000	2000	2100
ERC-270SW	40.0/5	46.5/4	55.7/3	200					131	DN125	7500	4000	2000	2100
ERC-300SA	44.0/5	51.0/4	64.0/3	220					710	DN150	8100	4600	2300	2400
ERC-300SW	44.0/5	51.0/4	64.0/3	220					144	DN150	8100	4600	2300	2400
ERC-330SA	50.0/5	58.0/4	73.0/3	250					800	DN150	8400	5000	2350	2400
ERC-330SW	50.0/5	58.0/4	73.0/3	250					163	DN150	8400	5000	2350	2400
ERC-375SA	56.0/5	65.0/4	81.0/3	280					890	DN175	9000	5500	2590	2800
ERC-375SW	56.0/5	65.0/4	81.0/3	280					202	DN175	9000	5500	2590	2800
ERC-420SA	63.0/5	73.0/4	91.0/3	315		960	DN175	9500	5500	2590	2800			
ERC-420SW	63.0/5	73.0/4	91.0/3	315		212	DN175	9500	5500	2590	2800			
ERC-470SA	69.5/5	81.5/4	102.0/3	355		1130	DN200	10000	6500	2700	3000			
ERC-470SW	69.5/5	81.5/4	102.0/3	355		243	DN200	10000	6500	2700	3000			

Voltage V/Hz/PH : 380/50/3 220/60/3 440/50/3 etc or Two kinds of voltage reverse According to customer inquiry