

# VORTEX

COMPRESSOR

**CONSTANT SPEED**  
ROTARY SCREW COMPRESSORS

## Vortex Air Compressors

**ERS Series 5.5 kW- 315 kW**

Air Capacity from 0.84 m<sup>3</sup>/min to 50.8 m<sup>3</sup>/min

### Global Compressed Air Solutions Provider



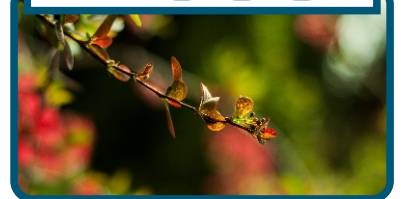
**PERFORMANCE**



**TRUST**



**PRECISION**



### OPTIONS

- Soft Starter
- 60 Hz
- 500 V System
- Ultra Sound Proof System
- Water Proof Cabin
- IE3 Electric motor

**SOFT  
STARTER**

**STEP 1**

**Understand  
Customer  
Needs**

**STEP 2**

**Manufacture  
with  
Best Quality**

**STEP 3**

**Get the Highest  
Customer  
Satisfaction**

For more information please visit [www.vortexcompressor.com](http://www.vortexcompressor.com)

# VORTEX ERS SERIES

**CONSTANT SPEED  
ROTARY SCREW COMPRESSORS**

**Air Capacity from 0.84 m<sup>3</sup>/min to 50.8 m<sup>3</sup>/min  
Durable, High Quality, Sustainable Solution**

## INDUSTRIAL OIL INJECTED SCREW AIR COMPRESSORS

**SYSTEM  
assistance  
«COMPRESSORS»**



Model	Maximum Working Pressure bar	Capacity FAD *			Motor Power		Dimensions W x L x H mm	Weight kg	Noise dB(A)**
		m <sup>3</sup> /min	cfm	l/sec	kw	HP			
ERS 5,5	7,5	0,84	29,71	14,00	5,5	7,5	650 x 750 x 1160	185	70
	10	0,68	24,05	11,33					
	13	0,56	19,81	9,33					
ERS 7,5	7,5	1,15	40,67	19,17	7,5	10	650 x 750 x 1160	195	70
	10	0,90	31,83	15,00					
	13	0,69	24,40	11,50					
ERS 11	7,5	1,74	61,54	29,00	11	15	750 x 820 x 1230	252	71
	10	1,41	49,87	23,50					
	13	1,12	39,61	18,67					
ERS 15	7,5	2,44	86,29	40,67	15	20	750 x 820 x 1230	387	73
	10	1,99	70,38	33,17					
	13	1,58	55,88	26,33					
ERS 18,5	7,5	3,09	109	51,50	18,5	25	850 x 930 x 1390	420	73
	10	2,52	89	42,00					
	13	2,10	74	35,00					
ERS 22	7,5	3,60	127	60,00	22	30	850 x 930 x 1390	480	74
	10	3,00	106	50,00					
	13	2,55	90	42,50					
ERS 30	7,5	5,20	184	86,67	30	40	970 x 980 x 1545	540	74
	10	4,25	150	70,83					
	13	3,60	127	60,00					
ERS 37	7,5	6,20	219	103,33	37	50	970 x 980 x 1545	587	73
	10	5,30	188	88,33					
	13	4,56	161	76,00					
ERS 45	7,5	7,25	257	120,83	45	60	1050 x 1100 x 1590	845	75
	10	6,20	219	103,33					
	13	5,20	184	86,67					
ERS 55	7,5	9,50	336	158,33	55	75	1200 x 1300 x 1690	940	75
	10	7,90	280	131,67					
	13	6,60	234	110,00					
ERS 75	7,5	12,20	432	203,33	75	100	1700 x 1800 x 1840	1350	79
	10	10,10	358	168,33					
	13	8,50	301	141,67					
ERS 90	7,5	15,50	549	258,33	90	125	1700 x 1800 x 1840	1750	82
	10	13,00	460	216,67					
	13	11,30	400	188,33					
ERS 110	7,5	17,70	627	295,00	110	150	1700 x 1800 x 1840	1980	84
	10	15,50	549	258,33					
	13	13,50	478	225,00					
ERS 132	7,5	24,00	850	400,00	132	180	1800 x 2750 x 1940	2150	84
	10	20,60	729	343,33					
	13	17,00	602	283,33					
ERS 160	7,5	28,50	1018	475,00	160	220	2000 x 2500 x 1940	2420	86
	10	24,00	850	400,00					
	13	20,00	714	333,33					
ERS 200	7,5	36,00	1286	600,00	200	270	2750 x 1800 x 1980	3290	88
	10	28,80	1028	480,00					
	13	23,80	840	396,67					
ERS 250	7,5	42,50	1518	708,33	250	340	4000 x 2000 x 2000	4450	88
	10	36,00	1286	600,00					
	13	—	—	—					
ERS 315	7,5	50,80	1814	846,67	315	430	4000 x 2000 x 2000	4800	—
	10	42,60	1521	710,00					
	13	—	—	—					

\* Unit performance measured according to ISO 1217, Ed.3, Annex C-1996

\*\*Noise level measured according to Pneurop/Cagi PN8NTC.2.2 test code; tolerance 3 dB(A)

Reference conditions: Absolute inlet pressure 1 bar (14.5 psi), intake air temperature 20°C (68°F)  
60 Hz version is available in this model range.



**NEXUS**

Direct Connection to Nexus  
Compressor Management System

www.vortexcompressor.com

