

Avelair

compressed air solutions

Oil-Free Scroll Compressors
Belt Driven
100% Oil-Free Air



SCROLL SERIES

1.5 TO 30KW

Oil-Free Scroll Compressors

Performances

- World-renowned high-efficiency scroll compressor
- Very low noise level
- Built-in aftercooler(s)
- Centrifugal water separator for D,T and Q models

User Friendly

- Quick start-up
- Simple use
- Easy servicing
- Electronic controller
- Preventive maintenance

Reliability

- Models from 1 to 4 compressors
S=1 Scroll; D=2 Scroll, T=3 Scroll, Q=4 Scroll
- S Models available on tank with dryer

Advantages

WEG electrical motor

- IP55 with class F insulation

Hitachi high performance scroll compressor

- Integrated cooling fan
- Oil free air

Schneider Electric starter and protections

- Phase monitor relay
- Integrated short-circuit breaker

Smatronic Lite – Smatronic-S electronic controller

- Alarm and preventive maintenance
- MODBUS protocol via RS485
- 2 compressor sequence control

Pulley-belt coupling

- V-belt drive
- Easy tension and alignment
- Belt protection guard

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	Scroll	Power		Airflow m ³ /min		Tank L	Air Outlet BSP	Dryer	Dimensions (L x I x H) mm	Weight kg
	Q x Type	KW	HP	8 bar	10 bar					
Model S – base mount										
Scroll 1.5 S	1 x S 2.2	1.5	2	0.16	-	-	1/2"	-	750 x 710 x 900	195
Scroll 2.2 S	1 x S 2.2	2.2	3	0.24	0.20	-	1/2"	-	750 x 710 x 900	200
Scroll 4 S	1 x S 5.5	4	5.5	0.40	0.34	-	1/2"	-	750 x 710 x 900	220
Scroll 5.5 S	1 x S 5.5	5.5	7.5	0.60	0.47	-	1/2"	-	750 x 710 x 900	230
Scroll 7.5 S	1 x S 7.5	7.5	10	0.85	0.68	-	1/2"	-	750 x 710 x 900	235
Model Plug and Play – includes receiver, refrigerant dryer and 2 stage filtration										
Scroll 1.5 PP	1 x S 2.2	1.5	2	0.16	-	250	1/2"	DK 10	1812 x 835 x 1381	372
Scroll 2.2 PP	1 x S 2.2	2.2	3	0.24	0.20	250	1/2"	DK 10	1812 x 835 x 1381	377
Scroll 4 PP	1 x S 5.5	4	5.5	0.40	0.34	250	1/2"	DK 20	1812 x 835 x 1381	397
Scroll 5.5 PP	1 x S 5.5	5.5	7.5	0.60	0.47	250	1/2"	DK 30	1812 x 835 x 1381	407
Scroll 7.5 PP	1 x S 7.5	7.5	10	0.85	0.68	250	1/2"	DK 40	1812 x 835 x 1428	431
Model D – base mount										
Scroll 7.5 D	2 x S 5.5	7.5	10	0.80	0.68	-	3/4"	-	1500 x 800 x 1050	405
Scroll 11 D	2 x S 5.5	11	15	1.20	0.94	-	3/4"	-	1500 x 800 x 1050	425
Scroll 15 D	2 x S 7.5	15	20	1.70	1.36	-	3/4"	-	1500 x 800 x 1050	440
Model T – base mount										
Scroll 11 T	3 x S 5.5	11	15	1.20	1.02	-	1"	-	1500 x 800 x 1840	540
Scroll 16.5 T	3 x S 5.5	16.5	22	1.80	1.41	-	1"	-	1500 x 800 x 1840	615
Scroll 22 T	3 x S 7.5	22	30	2.55	2.04	-	1"	-	1500 x 800 x 1840	625
Model Q – base mount										
Scroll 15 Q	4 x S 5.5	15	20	1.60	1.36	-	1"	-	1500 x 800 x 1840	645
Scroll 22 Q	4 x S 5.5	22	30	2.50	1.88	-	1"	-	1500 x 800 x 1840	745
Scroll 30 Q	4 x S 7.5	30	40	3.40	2.72	-	1"	-	1500 x 800 x 1840	755