

SRB and SRE blower and exhauster units



Howden



Reliability is at the heart of every package in the form of the Howden Roots™ Universal RAI blower.

Howden's range of SRB and SRE blower and exhauster packages are compact and cost-effective, providing efficiency and reliability when you need it most.

SRB and SRE packages

Each standard packaged blower combines a ROOTS™ blower unit supplying oil-free air with an electric motor, vee-belt drive, intake filter/silencer, filter restriction indicator, discharge silencer, non return valves and relief valves. The blower is mounted on a rigid baseplate and contained within a practical acoustic enclosure, which silences the machine to 75-80 dbA when measured under free-field conditions.

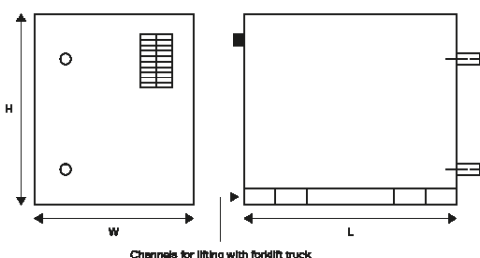
The SRB range covers pressures from 300 to 1000 mbar (1.5-15kW) with inlet volumes from 50m³/h. The SRE range covers 300 mbar to 500 mbar (1.5kW to 7.5kW). Pressure relief and non-return valves are supplied loose for installation into customer's pipework. The packages have hinged access with security locks.

The Howden ROOTS™ exclusive 'Figure of 8' gearbox design improves oil distribution and lengthens bearing and gear life. Oversize anti-friction bearings support the shafts. On the drive end, cylindrical roller bearings carry vee-belt side loading and extend service life.

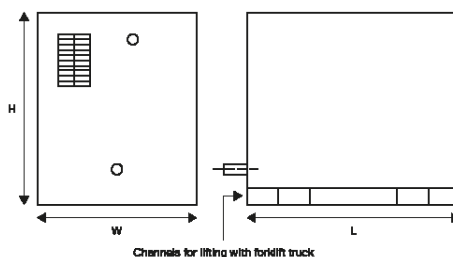
Warranty period

Twelve (12) months from date of original unit start-up or 18 months from date of original shipment, whichever occurs first.

Dimensions



SRB blower unit	Length mm	Width mm	Height mm
A Pack	800	600	725
B Pack	1100	950	850



SRE exhauster unit	Length mm	Width mm	Height mm
A Pack	800	600	725
B Pack	1100	950	850

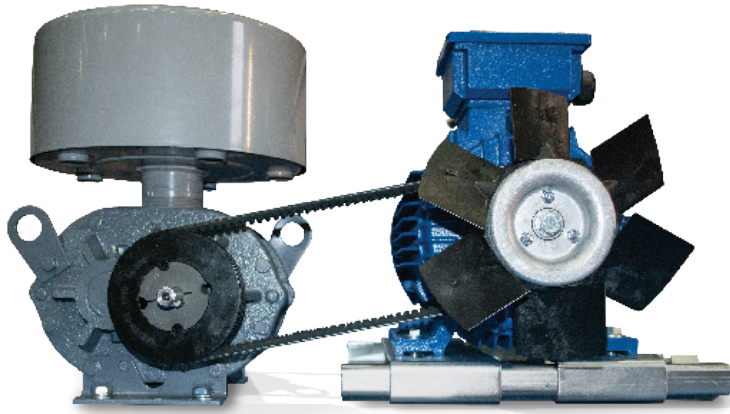


For further information contact your
Official Howden Roots Distributor

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SRB performance data

Blower units	Operation pressure mbar	Inlet air flow	Motor size Kw	Weight Kg	Pack size
		m ³ /hr			
SRB 3002	300	20	1.5	199	A
SRB 3005	300	50	1.5	199	A
SRB 3010	300	100	2.2	201	A
SRB 3015	300	150	3.0	215	A
SRB 3020	300	200	3.2	332	B
SRB 3025	300	250	4.0	361	B
SRB 3030	300	300	5.5	386	B
SRB 4002	400	20	1.5	199	A
SRB 4005	400	50	1.5	199	A
SRB 4010	400	100	2.2	201	A
SRB 4015	400	150	4.0	227	A
SRB 4020	400	200	4.0	344	B
SRB 4025	400	250	5.5	386	B
SRB 4030	400	300	7.5	389	B
SRB 5002	500	20	1.5	199	A
SRB 5005	500	50	2.2	201	A
SRB 5010	500	100	3.0	209	A
SRB 5015	500	150	4.0	242	A
SRB 5020	500	200	5.5	386	B
SRB 5025	500	250	7.5	389	B
SRB 5030	500	300	7.5	396	B
SRB 6002	600	20	1.5	199	A
SRB 6005	600	50	2.2	201	A
SRB 6010	600	100	4.0	221	A
SRB 6015	600	150	5.5	384	B
SRB 6020	600	200	7.5	387	B
SRB 6025	600	250	7.5	389	B
SRB 6030	600	300	11.0	464	B
SRB 7005	700	50	3.0	209	A
SRB 7010	700	100	5.5	384	B
SRB 7015	700	150	5.5	384	B
SRB 7020	700	200	7.5	387	B
SRB 7025	700	250	11.0	457	B
SRB 7028	700	280	11.0	457	B
SRB 8007	800	70	4	221	A
SRB 8010	800	100	5.5	384	B
SRB 8015	800	150	7.5	387	B
SRB 8020	800	200	11.0	455	B
SRB 8025	800	250	11.0	457	B
SRB 8028	800	280	11.0	464	B
SRB 9013	900	130	7.5	387	B
SRB 9015	900	150	7.5	387	B
SRB 9020	900	200	11.0	464	B
SRB 9025	900	250	11.0	464	B
SRB 9028	900	280	15.0	466	B
SRB 10018	1000	180	11.0	455	B
SRB 10020	1000	200	11.0	464	B
SRB 10025	1000	250	15.0	466	B
SRB 10027	1000	270	15.0	466	BS

Notes: Ratings are ± 4% based on inlet air temperature of 20°C, inlet pressure of 1013 mbarA and RH of 0%.

SRE performance data

Exhauster units	Vacuum mbar	Inlet air flow	Motor size Kw	Weight Kg	Pack size
		m ³ /hr			
SRE 202	200	20	1.5	208	A
SRE 205	200	50	1.5	208	A
SRE 210	200	100	1.5	208	A
SRE 215	200	150	2.2	220	A
SRE 220	200	200	2.2	220	A
SRE 225	200	250	3.0	364	B
SRE 230	200	300	3.0	364	B
SRE 302	300	20	1.5	208	A
SRE 305	300	50	1.5	208	A
SRE 310	300	100	2.2	210	A
SRE 315	300	150	2.2	220	A
SRE 320	300	200	3.0	228	A
SRE 325	300	250	4.0	376	B
SRE 330	300	300	5.5	401	B
SRE 403	400	30	1.5	208	A
SRE 405	400	50	1.5	208	A
SRE 410	400	100	3.0	228	A
SRE 415	400	150	4.0	240	A
SRE 420	400	200	4.0	240	A
SRE 425	400	200	4.0	240	B
SRE 513	500	130	4.0	240	A
SRE 515	500	150	4.0	240	A
SRE 520	500	200	5.5	405	B
SRE 525	500	250	7.5	405	B

Notes: Ratings are ± 4% based on inlet air temperature of 20°C, inlet pressure of 1013 mbarA and RH of 0%.





About HR Blowers UK Ltd

HR Blowers UK are a leading manufacturer and distributor of Roots type blowers and vacuum pumps operating both in the UK and Worldwide.

Originally established in 1850 as WC Holmes, the company went from strength to strength acquiring several other businesses eventually employing over a 1000 people. In 1973 it was bought by the Peabody group becoming Peabody Holmes and then in 1990, it was sold to the Dresser Roots Corporation. In 2007 it was sold again and became the HR Blowers UK that we see today.

In 2020, Howdens Group appointed HR Blowers UK as an official distributor of Howden positive displacement blower products.

Contact Us

For more information on our broad range of Howden Roots products in stock for dispatch globally today, please contact the HR Blowers sales team below

UK Enquiries – **01484 691858**

Overseas Enquiries – **+44 1484 691858**

Email – **sales@hrblowers.co.uk**

IMPORTANT NOTE: All blower details & specifications contained within are correct at time of original publication but are subject to change, without prior notification. Please contact HR Blowers UK to ensure that your order meets your specific needs.