

SRB and SRE blower and exhauster units



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.

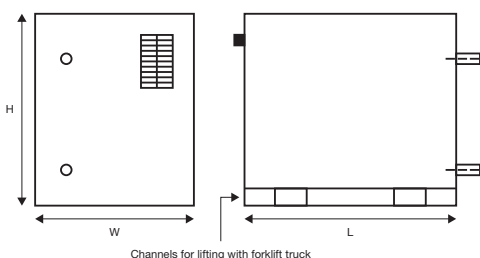
The SRB range covers pressures from 300 to 1000 mbar (1.5-15kW) with inlet volumes from 50m³/h. The SRE range covers 300 mbar to 500 mbar (1.5kW to 7.5kW). Pressure relief and non-return valves are supplied loose for installation into customer's pipework. The packages have hinged access with security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

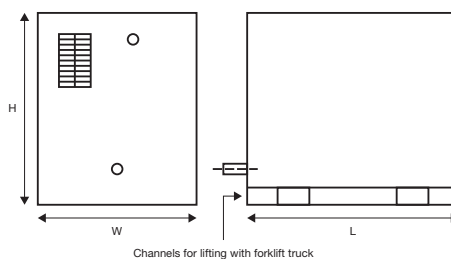
Warranty period

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

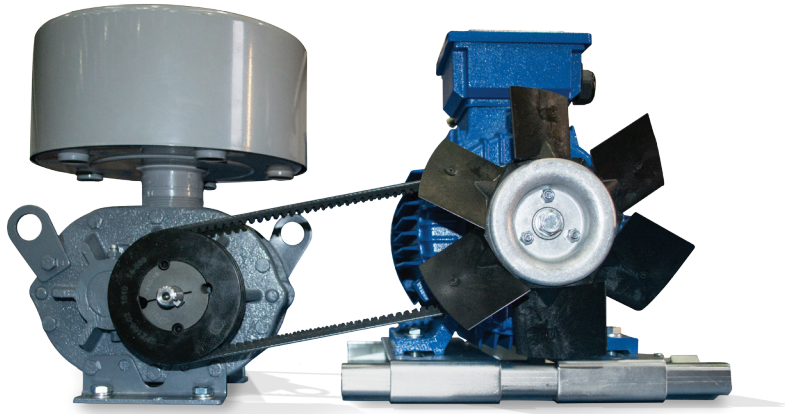
Dimensions



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

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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

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%.



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