

Multistage Centrifugal Blowers and Exhausters



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Technical Specifications

	260	310	400	510	725	550	42	732	850	741	870
BLOWER/ EXHAUSTERS CAPACITY											
Minimum Airflow (m ³ /h)	170	105	120	255	250	340	85	650	935	1,100	1,700
Maximum Airflow (m ³ /h)	680	765	1,785	2,210	2,200	2,210	2,050	4,100	5,440	7,500	9,350
Maximum Pressure (psig)	8.6	7.4	7.2	11.8	16.5	11.8	9.75	15.2	14.7	16	17
Maximum Vacuum (mm Hg)	284	284	251	348	400	348	300	380	386	380	406
MAXIMUM NUMBER OF STAGES	5	11	10	10	7	10	8	10	9	9	9
CONNECTIONS											
Inlet (125# ANSI)	2 ½" **	3"	5"	5"	6"	6"	6"	6"	8"	8"	10"
Outlet (125# ANSI)	2 ½" **	3"	5"	5"	5"	5"	6"	6"	8"	8"	8"

	742	751	1260	752	1270	761	1400	1600	1870	2000	2400
BLOWER/ EXHAUSTERS CAPACITY											
Minimum Airflow (m ³ /h)	1,200	1,600	2,125	5,500	2,000	2,100	3,900	5,100	5,100	8500	17,000
Maximum Airflow (m ³ /h)	8,100	14,500	13,600	15,300	14,440	24,600	24,650	20,400	25,500	40,800	68,000
Maximum Pressure (psig)	20,8	12.5	14.3	19.5	17.3	13	12.6	17	19	19	22
Maximum Vacuum (mm Hg)	450	350	375	425	412	350	351	406	432	432	447
MAXIMUM NUMBER OF STAGES	11	7	8	10	8	7	7	7	7	7	5
CONNECTIONS											
Inlet (125# ANSI)	10"	12"	12"	14"	14"	14"	18"	16"	20"	20"	24"
Outlet (125# ANSI)	8"	12"	12"	10"	12"	14"	14"	14"	18"	18"	20"

Air map data for the 725 series represent standard conditions at 5640 rpm. Others air map data are representative of maximum RPM design for each model with standard conditions at 60 Hz. Contact your Gardner Denver Representative for job specific blower sizing.

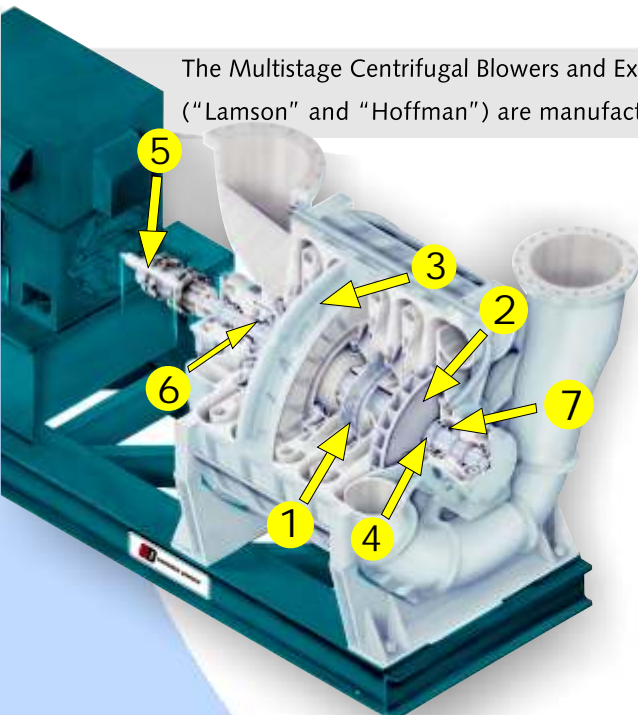
*2" male N.P.T. or 2 3/8".



APPLICATION

- Water & Wastewater Treatment
- Gas Recovery
- Sulfur Recovery
- Combustion Air Blowers
- Carbon Black
- Air Flotation
- Pneumatic Conveying
- Vacuum systems for cleaning
- Unique application design development

The Multistage Centrifugal Blowers and Exhausters - Gardner Denver ("Lamson" and "Hoffman") are manufactured at Peachtree City - GA- EUA.



Hoffman Lamson

1. Multiple Baffle Rings
2. Multistage Shrouded Impellers
3. Cast Housing
4. Balance Piston
5. Flexible Coupling
6. Labyrinth Seal
7. Carbon Ring Seal

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