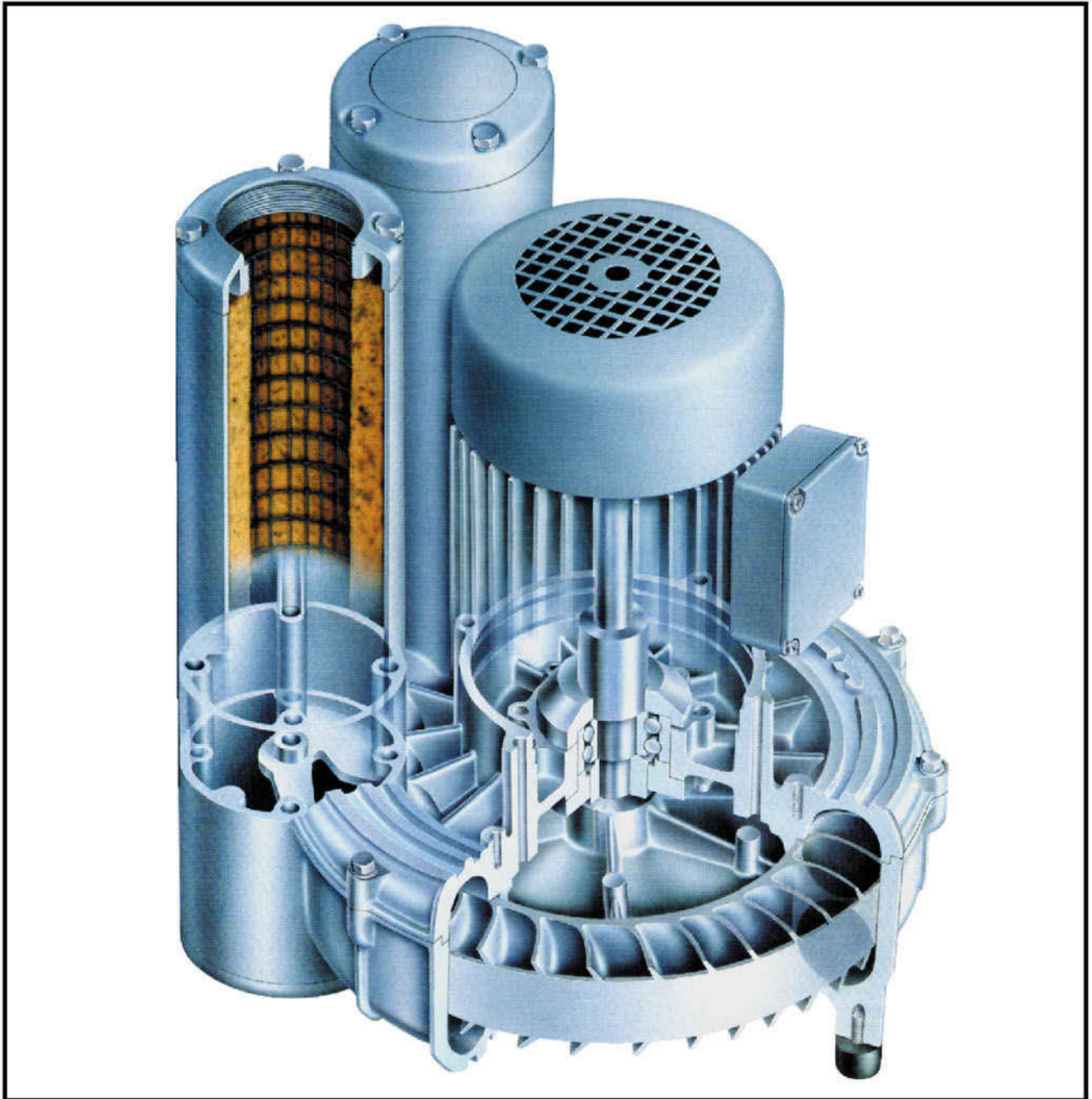


# SIDE CHANNEL BLOWERS & VACUUM PUMPS



SAVE ENERGY  
SAVE MONEY

 **aeromatic**<sup>®</sup>

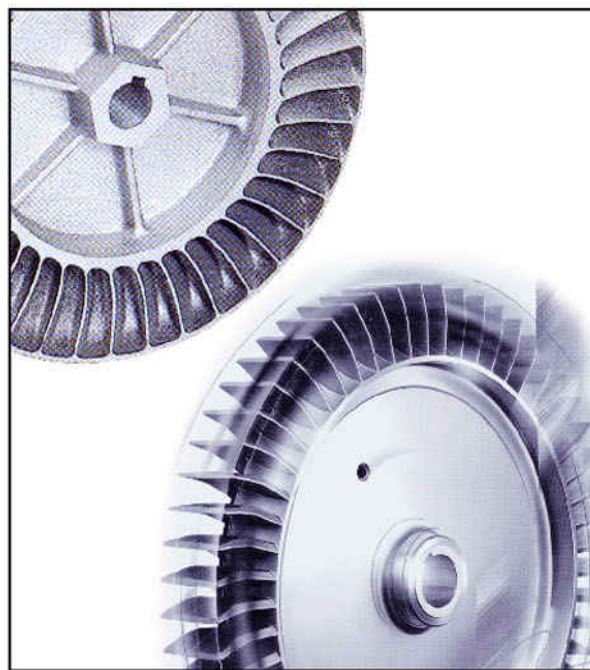
# SIDE CHANNEL BLOWERS AND VACUUM PUMPS

## PERFORMANCE TABLE

MODEL	H.P.	RPM	MAX. FLOW M <sup>3</sup> /HR.	MAX. PRESSURE MM WG (+)	MAX. VACUUM MM WG (-)
SC-1-2.5	0.5	2880	80	800	700
SC-2-2.5	∅ 25 mm		40	1200	1015
SC-1-21	1	2880	160	1000	910
SC-2-21	∅ 38 mm		80	1500	1300
SC-1-22	2	2880	350	1200	1150
SC-2-22	∅ 50 mm		175	1800	1650
SC-1-23	3	2880	450	1500	1380
SC-2-23	∅ 50 mm		225	2250	2000
SC-1-25	5	2880	700	1800	1650
SC-2-25	∅ 65 mm		350	2700	2400
SC-1-27.5	7.5	2880	800	2000	1820
SC-2-27.5	∅ 100 mm		400	3000	2600
SC-1-210	10	2880	1000	2000	1820
SC-2-210	∅ 100 mm		500	3000	2600

## FEATURES :

- NON PULSATING CONTINUOUS AIR FLOW
- COMPACT & LIGHT WEIGHT
- NO METAL TO METAL CONTACT, OIL FREE AIR
- RUGGED CONSTRUCTION, MAINTENANCE FREE
- LOW NOISE LEVEL
- ADDITIONAL FILTER SYSTEM (OPTIONAL)
- CONSTRUCTION CAST ALLUMINIUM ALLOY



## WORKING PRINCIPLE :

In the chambers set in the periphery of the impeller, air is accelerated due to centrifugal force created as the impeller turns and is thrown into the next chamber and is again similarly accelerated, thus continuously increasing compression as the impeller turns until it reaches the outlet port.

## APPLICATION :

- PNEUMATIC CONVEYING SYSTEM
- INDUSTRIAL VACUUM CLEANERS
- DUST COLLECTORS
- LIFTING AND HOLDING OF PARTS
- AERATION OF FLUIDS THROUGH BUBBLING
- PRINTING AND PAPER HANDLING
- PACKAGING MACHINES
- FOOD PROCESSING
- DENTAL SUCTION EQUIPMENT
- TEXTILE MACHINES



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