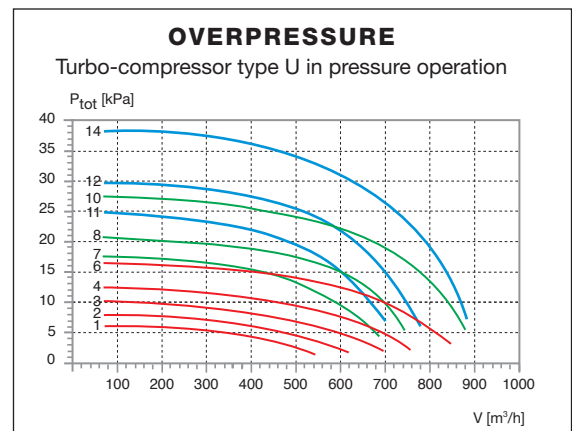
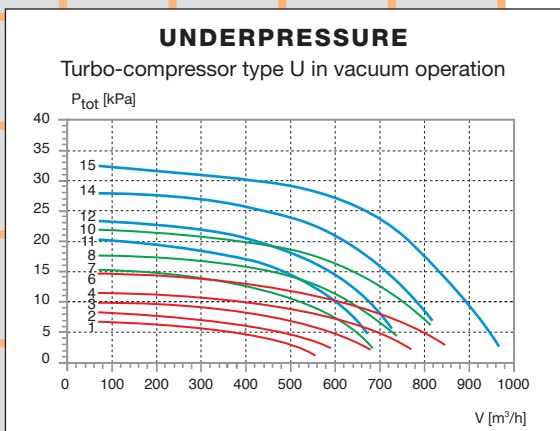
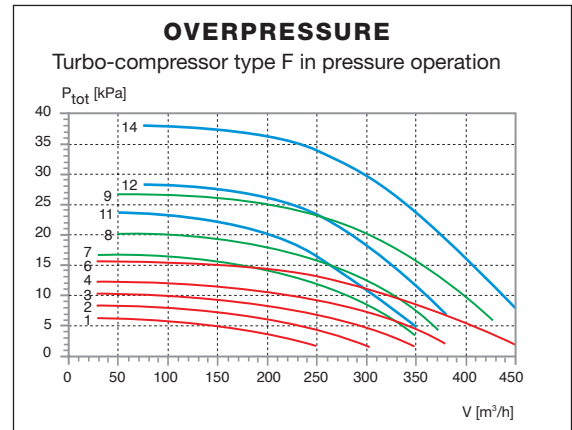
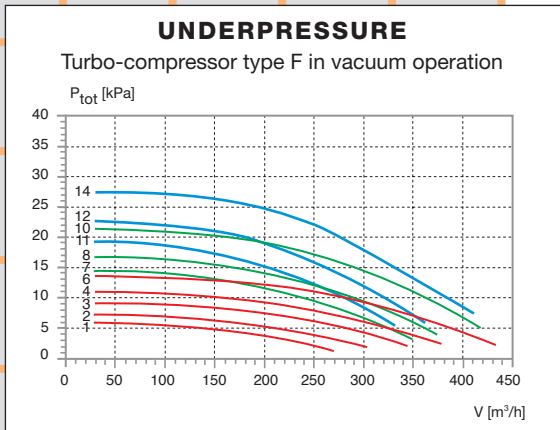
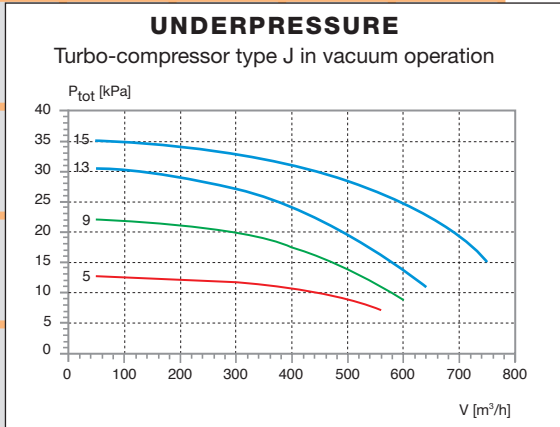


Motor capacities, numbers of revolutions and curves

Three phase \triangle 230 V up to and including 1.5 kW
 \triangle 400 V from 2.2 kW

Curve	Rpm	Type F		Type J		Type U	
		P(kW)		P(kW)		P(kW)	
1	5000	F3	0.75	J3	4	U3	1.1
2	5600		1.1				1.5
3	6300		1.5				2.2
4	7100		2.2				3
5	7500		3				4
6	8000		3				4
7	6300	F5	2.2	J5	5,5	U5	4
8	7100		3				5.5
9	7500		4				7.5
10	8000		4				7.5
11	6300	F7	3	J7	7,5	U7	5.5
12	7100		4				7.5
13	7500		5.5				11
14	8000		5.5				11
15	8550		5.5				11



Relationship between static suction under-/overpressure and airflow

Actual inlet air (vacuum operation) is converted to the airflow at 1 bar and 15°C in the graphs.

Further technical specifications are available on request.

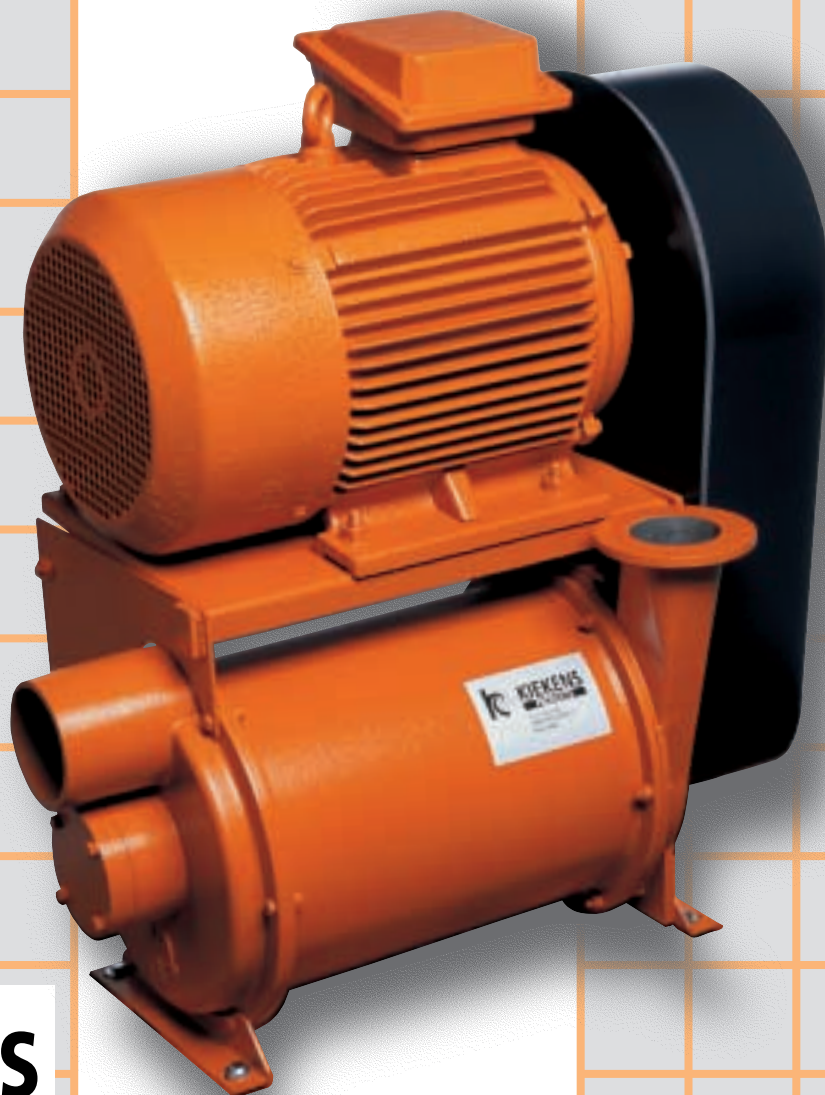


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TYPES F, J AND U

KIEKENS turbo-compressors

- High performance at a competitive price
- Completely oil-free
- Virtually no maintenance
- Vibration free operation
- Low noise level



KIEKENS PRODUCTS

leaders in industrial vacuum cleaning technology



Kiekens Products

Since 1907 Kiekens Products has been manufacturer of mobile and stationary industrial vacuum cleaners, dedusting installations and industrial fans. Because of many years' experience and continuous study Kiekens Products manufactures eminent, certified quality products for both high vacuum and low vacuum applications.

Turbo-compressors

The range of multistage centrifugal compressors consists of standard components. Three impeller types, F, J and the wider U type, for larger airflows, together with 3-, 5- and 7-stage versions and several transmissions provide a broad and well attuned delivery programme. The Kiekens turbo-compressors are designed for high speed operation with the result that a compact unit can be offered. The exhaust air is completely oil-free, therefore oil separators are not required. The application possibilities are maximal. The carefully balanced impellers guarantee a low noise level and a vibration free operation.



Applications

The Kiekens multistage centrifugal compressors are developed for a wide range of applications. The turbo-compressors are particularly suitable for air technical installations at which a relatively low airflow is desired in combination with a high underpressure or overpressure till rather more than 36,000 Pa. The graphs show that the required airflow determines the choice of the type.

The turbo-compressors are suitable for the following applications:

- Centralized vacuum systems
- Pneumatic conveying
- Aeration of liquids
- Vacuum lift and hold down
- Industrial vacuum cleaners
- Dry-blow-systems
- Fluidising
- Pneumatic postal systems





Turbo-compressor applied as a suction unit in a Kiekens industrial vacuum cleaner.



Several turbo-compressors applied in a Kiekens centralized vacuum system.

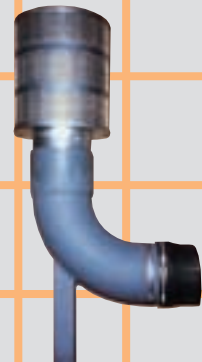
Noise reducing options



The optional sound proof housing reduces the noise level.



Silencer on outlet for turbo in vacuum operation.



Silencer with air filter on inlet for turbo in pressure operation.