

## Product Specification:

- Economical, long use lifespan and not requiring too much maintenance,
- Pressure options of 8.5, 10 and 14 bars,
- Engine power available from 0.75 kW up to 11 kW,
- Protection class: IP55, insulation class: F, triphase asynchronous electric motor,
- Driven by V-Belt and equipped safeguard covers,
- Diversified models are suitable for the requirements of every users and equipped with tank top cabin protection or also available without cabin or assembled on chassis and with noise insulated cabin protection,
- Operates noiseless and vibration free,
- Manufactured in accordance with the CE-Regulations and Standards for air vessels and certified with Conformance Certificate according to the CE-Regulations and Standards.



### Optional

- Air drier and filters
- Multi-operation system
- 220 V 50 Hz (up to 3 kW)

# Scroll Compressors

Scroll compressors are developed by the cooperation between Japan Anest Iwata Company and Lupamat and these compressors are 100% oil free, very quiet, efficient and reliable. Scroll compressors with integrated drier supplies dry quality air are ideal for the dentistry and medical sectors. Scroll compressor, which is a product of good and reliable technology, is mounted on a chassis assembled and closed with a single part cover to ensure noise insulation way. The unit is equipped with tank top insulation cabin protection and can be easily operated in laboratories and dentist clinics, as it operates noiseless and vibration free. Compressor's main parts consist of two scrolls which rotate as a pair squeezing the air and generating pressure. The maximum capacity for the scrolls is around  $8 \times 808 = 6464$  lt/Min. This is achieved with a multi Scroll configuration mounted in a single enclosure (Engine power  $8 \times 7.5$  kW = 60 kW). The capacity range is between 808 and 6464 lt/Min.

## Oil-free Scroll Compressors

Compressor Model	Motor Power	Pressure	FAD
	Scroll Unit x kW	bar(g)	lt / min
LSL 8K1/07	0.75	8	74
LSL 8K1/15	1.5	8	165
LSL 8K1/55	5.5	8	596
LSL 8K1/75	7.5	8	808
LSL 10K1/15	1.5	10	130
LSL 8K1/22	2.2	8	250
LSL 10K1/22	2.2	10	215
LSL 8K1/37	4	8	410
LSL 10K1/37	4	10	345
LSL 8K2/55	2.2+4	8	670
LSL 10K2/55	2.2+4	10	560
LSL 8K2/75	2x4	8	835
LSL 10K2/75	2x4	10	690
LSL 8K3/110	3x4	8	1255
LSL 10K3/110	3x4	10	1035
LSL 8K4/150	4x4	8	1670
LSL 8K4/300	4x7.5	8	3232
LSL 10K4/150	4x4	10	1380
LSL 7K6/220	6x4	7	2700
LSL 8K6/450	6x7.5	8	4848
LSL 10K6/220	6x4	10	2070
LSL 7K8/300	8x4	7	3600
LSL 8K8/440	8x5.5	8	4768
LSL 8K8/600	8x7.5	8	6464
LSL 10K8/300	8x4	10	2760

\* Lupamat reserves the right to alter the given technical data without prior notice.



CLASS 0  
CLASS ZERO  
OILFREE



## Product Specification:

- Motor power is available from 0,75 kW up to 7.5 kW,
  - Motor protection of IP 55, insulation class of F and engine of IE3/IE4 efficiency class are used.
  - Max. Working pressure options of 7, 8 and 10 bars are available.
  - Air efficiency 74 lt/Min. – 6464 lt/Min.
  - One staged
  - Air cooled
  - After-cooler
  - Driven by V-Belt and equipped tensioning system
  - Pressure switch
  - Manometer
  - Cabin protection
- Optional**
- Air driers and filters
  - Air tank
  - Multi-operation system
  - 270 lt horizontal air tank