



100% Oil-Free Reciprocating Air Compressors



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Lupamat **100% Oil-Free Air-Cooled Reciprocating Air Compressors** series have been developed in cooperation with the leading Japanese air compressor manufacturer **Anest Iwata Company**.



Product Specifications

- Oil-free
- Composite resin piston
- 10.000 hours maintenance free (*except air filter*)
- Compression rings made of teflon
- 3 different design options: chassis type, with enclosure, receiver mounted with enclosure
- Silent and vibration-free
- Air receiver in compliance with CE Standards and Regulations
- Sealed bearings which do not need lubrication
- Connecting rod and piston pin connection is supplied by needle bearings

Industrial Applications

The product has many applications in various sectors where oil-free air is essential; such as cosmetics, chemical, pharmaceutical, electronics, food and beverage, hospitals (supply of breathing air), dentistry, automotive, glassware and textile. Oil-free reciprocating compressors are used specifically for:

- Sensitive pneumatic controlling systems,
- Compressed air that is in contact with manufacturing materials,
- Robots, automation systems and machines,
- Painting and coating applications.



Oil-free Reciprocating Air Compressors

Compressor Models	Max. Working Pressure	Stroke Capacity	FAD	Motor Power		Receiver
	bar (g)			lt / min	hp	

Chassis Types

LPYI 075/10 D	10	148	72	0.75	1	40
LPYI 15/10 D	10	267	155	1.5	2	75
LPYI 22/10 D	10	437	240	2.2	3	75
LPYI 37/10 D	10	673	365	4	5.5	150
LPYI 55/10 D	10	692	560	5.5	7.5	387
LPYI 55/14 D	14	692	535	5.5	7.5	387
LPYI 75/10 D	10	1115	820	7.5	10	387
LPYI 75/14 D	14	1016	720	7.5	10	387
LPYI 110/10 D	10	1618	1195	11	15	387
LPYI 110/14 D	14	1545	1050	11	15	387

Enclosure Types

LPYI 075/8.5 K	8.5	148	78	0.75	1	-
LPYI 15/8.5 K	8.5	267	160	1.5	2	-
LPYI 22/8.5 K	8.5	437	255	2.2	3	-
LPYI 37/8.5 K	8.5	673	370	4	5.5	-
LPYI 55/8.5 K	8.5	692	575	5.5	7.5	-
LPYI 55/14 K	14	692	535	5.5	7.5	-
LPYI 75/8.5 K	8.5	1115	820	7.5	10	-
LPYI 75/14 K	14	1016	720	7.5	10	-
LPYI 110/8.5 K	8.5	1618	1135	11	15	-
LPYI 110/14 K	14	1545	1050	11	15	-

Receiver Mounted Enclosure Types

LPYI 075/8.5 KD	8.5	148	78	0.75	1	75
LPYI 15/8.5 KD	8.5	267	160	1.5	2	75
LPYI 22/8.5 KD	8.5	437	255	2.2	3	110
LPYI 37/8.5 KD	8.5	673	370	4	5.5	150
LPYI 55/8.5 KD	8.5	692	575	5.5	7.5	387
LPYI 55/14 KD	14	692	535	5.5	7.5	387
LPYI 75/8.5 KD	8.5	1115	820	7.5	10	387
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* Lupamat reserves the right to alter the given technical data without prior notice.



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Lupamat
compressor



Industrial Compressed Air Equipments

- ✓ *Reciprocating Air Compressors*
- ✓ *Screw Air Compressors*
- ✓ *Booster Compressors*
- ✓ *Compressed Air Receivers*
- ✓ *Compressed Air Dryers*
- ✓ *Adsorption Air Dryers*
- ✓ *Compressed Air Line Filters*
- ✓ *Oil-free Screw Air Compressors*
- ✓ *Oil-free Reciprocating Air Compressors*
- ✓ *Air System Design and Installation*
- ✓ *Oil-free Scroll Compressors*

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