



COMPACT OIL-FREE PISTON COMPRESSORS

Atlas Copco

LFx 0.7-2.0 series
0.5-1.5 kW / 0.7-2 hp



OIL-FREE AIR FOR A WIDE RANGE OF APPLICATIONS

Built for high performance and a long lifetime, Atlas Copco's small-capacity piston compressors provide you with a reliable, oil-free solution for your low air demands. They ensure a highly energy-efficient compressed air production thanks to the unique, patented "Super-flow" compressed air inlet system. The LFx compressors' capacity ranges from 1.02 up to 2.53 l/s (2.16 up to 5.36 cfm), with an optional 1- or 3-phase supply and a maximum working pressure of 10 bar (145 psi). Furthermore, with their small and compact design, they offer maximum installation flexibility.

FUNDAMENTALS & BENEFITS

- Standalone use or easy integration in your OEM (Original Equipment Manufacturer) product.
- Unique design and high-quality materials for reliable performance and extra long life.
- Certified ISO 8573-1 CLASS 0 by the renowned TÜV institute: guaranteed 100 % oil-free operation.
- Virtually maintenance-free (no oil change required).
- Clean and quiet operation (62 to 67 dB(A) standard).
- Compact design for trouble-free installation.
- Wide product scope to match your exact needs.
- Worldwide Atlas Copco sales & service network.

- The Powerbox serves as a complete replacement package for receiver mounted units or for custom OEM applications.
- Low noise level: 62-64 dB(A)



LFX Powerbox

Options:

- Manifold (including pressure switch, safety valve, pressure regulator, pressure gauge and connections).

- Powerbox mounted on a 20 l internally epoxy-coated air receiver for storing oil-free clean air.
- Wheel set for easy transportation.
- Standard pressure switch for start/stop regulation, safety valve, pressure regulator, pressure gauge and 3 m cable and plug¹.



LFX Trolley

Options:

- Desiccant dryer.
- Galvanized receiver.
- Electronic timer drain.
- Solenoid valve.
- Cable & plug for UK, Switzerland, Italy or Australia.

- Powerbox mounted on a 50 or 90 l internally epoxy-coated air receiver for storing oil-free clean air.
- Standard pressure switch for start/stop regulation, safety valve, pressure regulator, pressure gauge and 3 m cable and plug¹.



LFX Tank Mounted

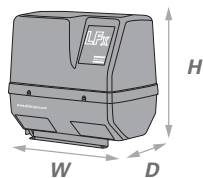
Options:

- Wheel set.
- Desiccant dryer.
- Galvanized receiver.
- Electronic timer drain.
- Solenoid valve.
- Cable & plug for UK, Switzerland, Italy or Australia.

¹ Standard CE 7/7 plug for 50 Hz / NEMA 5-20 plug for 60 Hz.

TECHNICAL SPECIFICATIONS

| | | Maximum dimensions | | Weight | | Noise Level |
|-------------------------------------|-------------|--------------------|--------------------|--------|-----|-------------|
| | | mm (WxDxH) | inch (WxDxH) | kg | lbs | dB(A) |
| Powerbox | LFx 0,7/1,0 | 520 x 340 x 490 | 20,5 x 13,4 x 19,3 | 25 | 55 | 62-63 |
| | LFx 1,5/2,0 | 520 x 340 x 490 | 20,5 x 13,4 x 19,3 | 29 | 63 | 63-64 |
| Trolley (vessel 20 l) | LFx 0,7/1,0 | 520 x 440 x 824 | 20,5 x 17,3 x 32,4 | 44 | 97 | 62-64 |
| | LFx 1,5/2,0 | 520 x 440 x 824 | 20,5 x 17,3 x 32,4 | 48 | 105 | 62-64 |
| Tank Mounted (receiver 50 l) | LFx 0,7/1,0 | 828 x 355 x 891 | 32,6 x 14 x 35 | 49 | 108 | 65-67 |
| | LFx 1,5/2,0 | 828 x 355 x 891 | 32,6 x 14 x 35 | 53 | 117 | 65-67 |
| Tank Mounted (receiver 90 l) | LFx 0,7/1,0 | 960 x 364 x 973 | 37,8 x 14,3 x 38,3 | 64 | 141 | 65-67 |
| | LFx 1,5/2,0 | 960 x 364 x 973 | 37,8 x 14,3 x 38,3 | 68 | 149 | 65-67 |



| Compressor Type | Max. working pressure | | Capacity FAD | | | Installed Power | |
|-----------------|-----------------------|------|--------------|--------------------|------|-----------------|-----|
| | bar | psig | l/s | m ³ /hr | cfm | kW | hp |
| 50 Hz | | | | | | | |
| LFx 0.7 | 10 | 145 | 1,02 | 3,6 | 2,16 | 0,55 | 0,7 |
| LFx 1.0 | 10 | 145 | 1,38 | 4,8 | 2,92 | 0,75 | 1 |
| LFx 1.5 | 10 | 145 | 2,07 | 7,5 | 4,38 | 1,1 | 1,5 |
| LFx 2.0 | 10 | 145 | 2,53 | 9,1 | 5,36 | 1,5 | 2 |

| Compressor Type | Max. working pressure | | Capacity (FAD) | | | Installed Power | |
|-----------------|-----------------------|------|----------------|--------------------|------|-----------------|-----|
| | bar | psig | l/s | m ³ /hr | cfm | kW | hp |
| 60 Hz | | | | | | | |
| LFx 0.7 | 10 | 145 | 1,35 | 4,8 | 2,86 | 0,55 | 0,7 |
| LFx 1.0 | 10 | 145 | 1,46 | 5,2 | 3,09 | 0,75 | 1 |
| LFx 1.5 | 10 | 145 | 2,39 | 8,6 | 5,06 | 1,1 | 1,5 |

