



»» cleanAIR

1.5 - 2.5 HP

Oil free Piston  
Compressor range



Oil free  
compressors



## User benefits

CLR 15-25 oil-free compressors provide the highest quality, clean and dry compressed air for critical applications offering the user complete peace of mind.

### Oil-free, hygienic, dry air

- 100% Oil-free air guaranteed.
- Dry air down to -40 °C dew point.
- No filtration system required to remove residual oil throughout the compressed air network.

### Quiet operation

- Quiet operation for standard, open units.
- Acoustic canopy can be selected as an option to ensure extra silent operation.

### Ultimate quality and reliability

- Highest quality materials, with a minimal number of moving parts ensuring a long operating life with minimal service interventions.
- No need for oil change and costs related to oil waste management.
- Internally coated vessels ensure no corrosion and extend lifetime.

## Oil-free compressors

The CleanAIR oil-free compressors produce air at the highest quality, suitable for dentists, laboratories, surgeries, food packaging, drink dispensing and many other applications where hygienic and clean air is a must.

The option of a top of the line adsorption dryer assures dry air down to -40 °C dew point.

Optional acoustic canopy can be selected to guarantee extremely low noise levels.

All vessels are treated internally with epoxy coating to avoid corrosion, extend lifetimes and assure a safe operation.

## Range overview

- ✓ Oil free
- ✓ Open-frame models
- ✓ Silenced Models
- ✓ Integrated adsorption dryer option
- ✓ Suitable for dental, food processing and laboratory applications
- ✓ Comprehensive range from 1.5 to 2.5hp
- ✓ Suitable for up to 5 dental units



**CLR 15/25**  
**CLR 20/25**

- Open-frame
- 1,5 - 2,0 hp
- 25L vessel
- with or without dryer



**CLR 15/50**  
**CLR 20/50**  
**CLR 25/50**

- Open-frame
- 1,5 - 2,5 hp
- 50L vessel
- with or without dryer



**CLR 15/30**  
**CLR 20/30**

- Silenced
- 1,5 - 2,0 hp
- 30L vessel
- with or without dryer

## Technical Details

### Oil-free compression

- Oil-free compression guaranteeing clean and oil-free air.
- Direct coupled motor/pump design for minimal transmission losses and optimal performance.
- Electric motor with automatic thermal protection for safe operation.
- High capacity fan for optimal cooling.



### Internally coated vessels

- All vessels are treated internally with epoxy coating to avoid corrosion, extend lifetimes and assure a safe operation.



### Sound insulated canopy

- Sound insulated canopy option to guarantee silent and comfortable operation.
- State of art design to assure efficient cooling, low temperatures and long lifetime.



### Dryer and water separator

- High performance adsorption dryer provides dry air down to  $-40^{\circ}\text{C}$  dew point.
- Water separator with low pressure drop collects majority of the water droplets, ensuring dry air and long lifetime of the adsorption dryer.



## Technical Data

Model	Dental units *	Displacement	Free Air Delivery @ 5 bar	Vessel	Max. working pressure	Motor power		Supply	Noise level LpA 1mt	Dimensions (LxWxH)	Weight
		 l/min	 l/min	 L	 Bar	 HP kW	 V/Ph/Hz	 dB(A)	 mm	 Kg	
CLR 15/25	1-2	240	125	25	8	1,5 1,1	230/1/50	71	470x430x670	31	
CLR 15/25 T	1-2	240	125	25	8	1,5 1,1	230/1/50	71	530x470x670	43	
CLR 15/50	1-2	240	125	50	8	1,5 1,1	230/1/50	71	450x470x850	36	
CLR 15/50 T	1-2	240	125	50	8	1,5 1,1	230/1/50	71	600x470x850	47	
CLR 15/30 S	1-2	240	125	30	8	1,5 1,1	230/1/50	64	650x440x760	68	
CLR 15/30 S T	1-2	240	125	30	8	1,5 1,1	230/1/50	64	730x440x760	75	
CLR 20/25	2-3	350	155	25	8	2,0 1,5	230/1/50	74	470x460x700	36	
CLR 20/25 T	2-3	350	155	25	8	2,0 1,5	230/1/50	74	550x470x700	50	
CLR 20/50	2-3	350	155	50	8	2,0 1,5	230/1/50	74	450x470x850	40	
CLR 20/50 T	2-3	350	155	50	8	2,0 1,5	230/1/50	74	600x470x850	54	
CLR 20/30 S	2-3	350	155	30	8	2,0 1,5	230/1/50	64	650x440x760	72	
CLR 20/30 S T	2-3	350	155	30	8	2,0 1,5	230/1/50	64	730x440x760	79	
CLR 25/50	4-5	480	240	50	8	2,5 2,0	230/1/50	77	640x470x890	52	
CLR 25/50 T	4-5	480	240	50	8	2,5 2,0	230/1/50	77	640x470x890	60	

T – with Dryer

S - with silent canopy

\* Dental units are calculated on an average consumption of 50 Lt/min FAD @ 5 bar

Oil-free piston compressors, 25 to 50 litre vessels with optional silenced canopy, dryer and water separator CLR 15-25



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