



Oil-injected Screw compressors, gear driven Range DRE/DRF



- A high quality product offering you **technology can trust**
- Our products are **easy to use** and guarantee high **reliability**.
- Distributors are always nearby ensuring **availability** of both products and support.
- Choosing our high performance products entails a **partnership** that will boost your business.
- Safeguarding long-term productivity through optimal **serviceability**



Care. Trust. Efficiency.

Care.

Care is what service is all about: professional service by knowledgeable people, using high-quality original parts.

Trust.

and long equipment lifetime.

Efficiency.

Equipment efficiency is ensured by regular maintenance. Efficiency of the service organization Trust is earned by delivering on our promises of reliable, uninterrupted performance is how Original Parts and Service make the difference.

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»»» DRE 150-180
DRE 150-180 IVR

»»» DRF 150-480
DRF 150-340 IVR

Gearbox driven
Oil-injected screw compressors
Fixed and variable speed



Reliable, Robust, Efficient
Maximum Productivity in
Compressed Air



Contact your local sales representative now!

www.ceccato-compressors.com

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User benefits

Reliability

- Designed with 75 years industry experience
- Careful qualification of components
- Continuous endurance testing
- World class branded electricals

Outstanding Efficiency

- Models to surpass industry standards
- Industry leading air end
- World renowned electrical motor
- Large separator with 3 stage separation
- Suitable for 460C ambient conditions

Highest Quality Standards

- ISO 9001· ISO 14001 quality assurance
- OHSAS 18001 quality assurance
- End to End quality testing procedure

Service Friendly

- Easy access to all service components
- Tilt & swing separator cover with hinge
- Minimum downtime at service intervention
- Long service components

Options to suit every Industry

- Options to suit many industrial applications
- Options to extend the service lifetime
- Options to reach highest industrial efficiency
- Witness certificates for regulatory requirements

»»» Ceccato History

- 1936 Establishment of the company
- 1936 Start of piston compressor production
- 1936 First company to introduce screws on the Italian market
- 1936 Worldwide leader in the production and distribution of compressed air products and solutions with 3 production facilities around the world:

“ The DRE/DRF range comes with range of options to suit diverse range of industry ”

“ Very short time for service Intervention ”

“ High Efficiency level with Reliable Components ”



Antwerp

Wuxi China

Brendola Italy



Only original parts extend your compressor's lifetime, reduce maintenance costs and maximize efficiency



»»» DRE 150-180 DRE 150-180 IVR



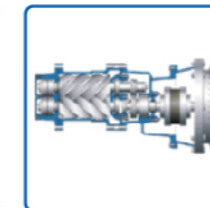
Thanks to the robust design of Ceccato DRE series, you can rely on high quality compressed air for the most demanding applications in various industries.

- High efficiency total package maximize productivity
- Keep your running costs low.
- Carefully selected components Optimum reliability
- Ensure trouble free operation.
- Simple installation and maintenance



State of the art screw element

High air delivery and efficient operation.



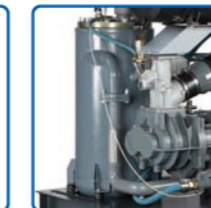
High efficiency drive system

Sureflex coupling: reliable, efficient, compact and quiet.



Advanced control and monitoring

Accurate automatic control to work at the most optimal conditions.



Easy maintenance

Quick and easy access to all components.



Efficient airfiltration

Protects internal components from contamination.

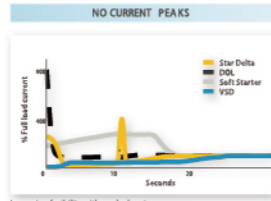
»»» Technical data(Air Cooled)

Model	Max. Working Pressure BAR	Motor		Free Air Delivery reference conditions		Noise Level dB(A)	Volt V	Dimensions			Weight kg
		hp	kW	l/s	cfm			length mm	width mm	height mm	
DRE150	8	150	110	308	653	78	380/400	2255	1230	1600	1870
	10	150	110	265	562	78	380/400	2255	1230	1600	1870
DRE180	8	180	132	374	793	79	380/400	2255	1230	1600	1920
	10	180	132	325	689	79	380/400	2255	1230	1600	1920
DRE150IVR	8	150	110	308	653	78	380/400	2255	1230	1600	2070
	10	150	110	265	562	78	380/400	2255	1230	1600	2070
DRE180IVR	8	180	132	374	793	79	380/400	2255	1230	1600	2330
	10	180	132	325	689	79	380/400	2255	1230	1600	2330

»»» Technical data(Water Cooled)

Model	Max. Working Pressure BAR	Motor		Free Air Delivery reference conditions		Noise Level dB(A)	Volt V	Dimensions			Weight kg
		hp	kW	l/s	cfm			length mm	width mm	height mm	
DRE150	8	150	110	308	653	78	380/400	2255	1230	1600	2400
	10	150	110	265	562	78	380/400	2255	1230	1600	2400
DRE180	8	180	132	374	793	79	380/400	2255	1230	1600	2550
	10	180	132	325	689	79	380/400	2255	1230	1600	2550
DRE150IVR	8	150	110	308	653	78	380/400	2255	1230	1600	2670
	10	150	110	265	562	78	380/400	2255	1230	1600	2670
DRE180IVR	8	180	132	374	793	79	380/400	2255	1230	1600	2770
	10	180	132	325	689	79	380/400	2255	1230	1600	2770

DRF 150-340 IVR



Increasing flexibility with gradual motor ramp-up to avoid electricity surge.

Ceccato Inverter series allows you to profoundly reduce your operating costs at variable load conditions. The inverter reduces the motor speed to match air Consumption.

- Reliable Inverter with best aftersales service
- Robust & user-friendly
- Maximum turn down to cater wide range of air usage
- Eliminating the inefficient transition period from full to no load power.
- Avoiding excessive off-load power consumption.
- Maintaining the net pressure band to within 0.10 bar, 1.5 psi.
- Reducing overall average working pressure.
- Minimizing system leakage due to a lower system pressure.



Premium Energy savings

Our technology reduces the operating cost for your compressed air.



Perfectly matched ABB inverter

A unique inverter control unit, specially programmed to work with controller to optimize energy saving for customer's different power consumption time.



State of the art screw element

High air delivery and efficient operation.



High efficient vessel

High efficient vessel bring 3-stage separation, provide low residual oil content in the compressed air < 3 ppm.



Quiet & Efficient Cooling

Ergonomically designed cooling fan with very low noise levels & high cooling efficiency.

Technical data(Air Cooled)

Model	Max. Working Pressure		Motor		Free Air Delivery reference conditions		Noise Level	Volt	Dimensions			Weight
	BAR	hp	kw	l/s	cfm	dB(A)			V	length mm	width mm	
DRF150IVR	8	150	110	335	710	77	380/400	2845	1750	1930	3880	
	10	150	110	297	630	77	380/400	2845	1750	1930	3880	
DRF180IVR	8	180	132	396	840	77	380/400	2845	1750	1930	3880	
	10	180	132	350	742	77	380/400	2845	1750	1930	3880	
DRF220IVR	8	220	160	458	971	78	380/400	2845	1750	1930	4010	
	10	220	160	419	888	78	380/400	2845	1750	1930	4010	
DRF270IVR	8	270	200	552	1170	79	380/400	3500	1750	1985	4660	
	10	270	200	505	1071	79	380/400	3500	1750	1985	4660	
DRF340IVR	8	340	250	655	1389	80	380/400	3500	1750	1985	4890	
	10	340	250	625	1325	80	380/400	3500	1750	1985	4890	

Technical data(Water Cooled)

Model	Max. Working Pressure		Motor		Free Air Delivery reference conditions		Noise Level	Volt	Dimensions			Weight
	BAR	hp	kw	l/s	cfm	dB(A)			V	length mm	width mm	
DRF150IVR	8	150	110	335	710	77	380/400	2845	1750	1930	3380	
	10	150	110	297	630	77	380/400	2845	1750	1930	3380	
DRF180IVR	8	180	132	396	840	77	380/400	2845	1750	1930	3380	
	10	180	132	350	742	77	380/400	2845	1750	1930	3380	
DRF220IVR	8	220	160	458	971	78	380/400	2845	1750	1930	3530	
	10	220	160	419	888	78	380/400	2845	1750	1930	3530	
DRF270IVR	8	270	200	552	1170	79	380/400	3600	2100	2030	3950	
	10	270	200	505	1071	79	380/400	3600	2100	2030	3950	
DRF340IVR	8	340	250	655	1389	80	380/400	3600	2100	2030	4180	
	10	340	250	625	1325	80	380/400	3600	2100	2030	4180	

DRF 150-480

With the new design, Ceccato DRF range screw air compressor bring customer an excellent application feeling, ensuring to improve your production efficiency and reduce the life cycle operating costs.

- Design for maximum 46 degrees ambient temperature
- Industry leading efficiency class
- Best in class performance models
- High Efficiency Air and oil flow systems
- Strict selection and verification of high quality components
- Ultimate reliability and stable operation assurance
- Minimum footprint.



State-of-the-art screw element

State-of-the-art screw element, the latest generation of asymmetric rotor profile, reliable designed and production methods, bring you maximum compressor package efficiency.



Reliable unloading/loading

Reliable unloading/loading regulation, simple and optimized for lower pressure drop bring high energy saving.



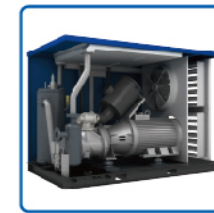
Energy saving controller

Advance and friendly-use controller in large color screen, Trending chart, reliable and durable monitoring the air compressor's performance.



Customer mindset water separator

The customer care mindset of water separator ensure the dry compressor air supply to customer air net. Considerable design of manual & automatic drain as standard available.



Easy maintenance

Thoughtfully designed easy access for maintenance.

Technical data(Air Cooled)

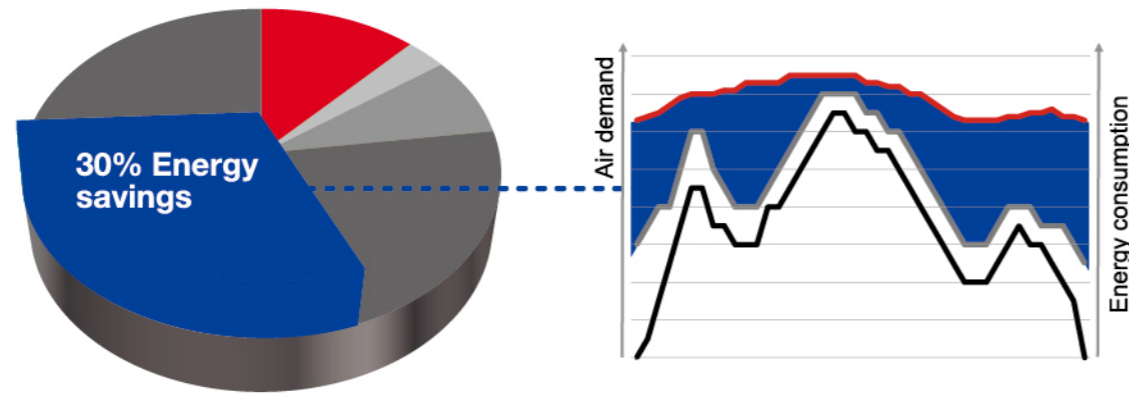
Model	Max. Working Pressure		Motor		Free Air Delivery reference conditions		Noise Level	Volt	Dimensions			Weight
	BAR	hp	kw	l/s	cfm	dB(A)			V	length mm	width mm	
DRF150	8	150	110	335	710	77	380/400	2845	1750	1930	3580	
	10	150	110	297	630	77	380/400	2845	1750	1930	3580	
DRF180	8	180	132	396	840	77	380/400	2845	1750	1930	3580	
	10	180	132	350	742	77	380/400	2845	1750	1930	3580	
DRF220	8	220	160	450	954	78	380/400	2845	1750	1930	3630	
	10	220	160	419	888	78	380/400	2845	1750	1930	3630	
DRF270	8	270	200	546	1158	79	380/400	3500	1750	1985	4160	
	10	270	200	503	1066	79	380/400	3500	1750	1985	4160	
DRF271	8	270	200	612	1297	77	380/400	4800	2150	2250	5325	
	10	270	200	555	1177	77	380/400	4800	2150	2250	5325	
DRF340	8	340	250	646	1370	80	380/400	3500	1750	1985	4390	
	10	340	250	610	1293	80	380/400	3500	1750	1985	4390	
DRF341	8	340	250	705	1495	77	380/400	4800	2150	2250	5895	
	10	340	250	656	1391	77	380/400	4800	2150	2250	5895	
DRF450	8	450	315	871	1847	78	380/400	5100	2150	2250	6350	
	10	450	315	804	1704	78	380/400	5100	2150	2250	6350	
DRF480	8	480	355	1007	2135	79	380/400	5100	2150	2250	6380	
	10	480	355	890	1887	79	380/400	5100	2150	2250	6380	

Technical data(Water Cooled)

Model	Max. Working Pressure		Motor		Free Air Delivery reference conditions		Noise Level	Volt	Dimensions			Weight
	BAR	hp	kw	l/s	cfm	dB(A)			V	length mm	width mm	
DRF150	8	150	110	335	710	77	380/400	2845	1750	1930	3140	
	10	150	110	297	630	77	380/400	2845	1750	1930	3140	
DRF180	8	180	132	396	840	77	380/400	2845	1750	1930	3200	
	10	180	132	350	742	77	380/400	2845	1750	1930	3200	
DRF220	8	220	160	450	954	78	380/400	2845	1750	1930	3250	
	10	220	160	419	888	78	380/400	2845	1750	1930	3250	
DRF270	8	270	200	546	1158	79	380/400	2900	1750	1985	3640	
	10	270	200	503	1066	79	380/400	2900	1750	1985	3640	
DRF271	8	270	200	612	1297	77	380/400	3600	2150	2250	4890	
	10	270	200	555	1177	77	380/400	3600	2150	2250	4890	
DRF340	8	340	250	646	1370	80	380/400	2900	1750	1985	3840	
	10	340	250	610	1293	80	380/400	2900	1750	1985	3840	
DRF341	8	340	250	705	1495	77	380/400	3600	2150	2250	5460	
	10	340	250	656	1391	77	380/400	3600	2150	2250	5460	
DRF450	8	450	315	871	1847	78	380/400	3600	2150	2250	5730	
	10	450	315	804	1704	78	380/400	3600	2150	2250	5730	
DRF480	8	480	355	1007	2135	79	380/400	3600	2150	2250	5760	
	10	480	355	890	1887	79	380/400	3600	2150	2250	5760	

WE PROTECT YOUR EFFICIENCY

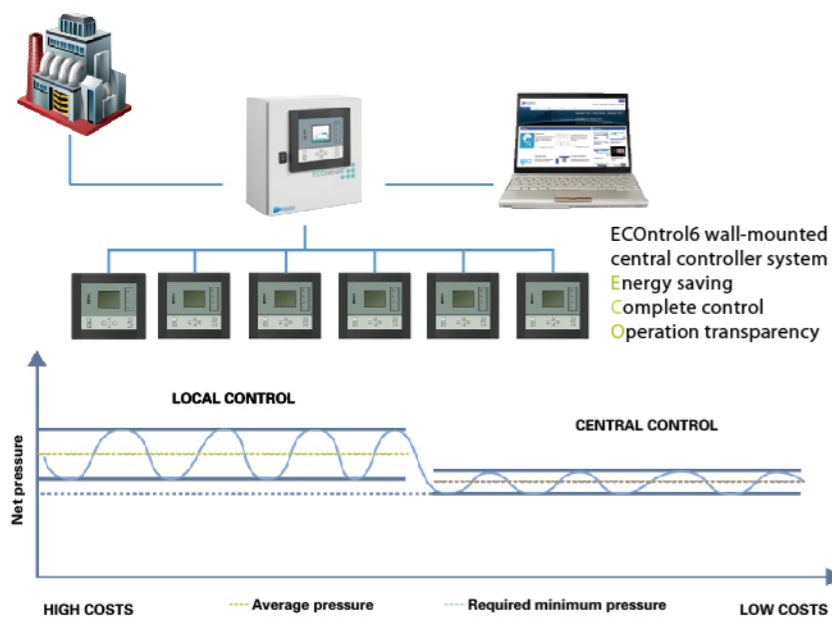
Energy costs represent about 70% of the total operating cost of your compressor over a 5 year period. That is why reducing the operating cost of a compressed air solution is a major focus. Variable frequency driven compressors can cut the energy bill of your compressor by up to 30%.



- 12% investment
- 3% installation
- 8% Service
- 77% Energy consumption
- Air demand
- Variable frequency driven costs
- Load Unload costs
- Savings

Optimised Connectivity

Centralised Control System capable to control up to 6 compressors with 2 Inverter Compressors



ICONS - Intelligent Connectivity System

With ICONS, there is no need for service logbooks or even regular visits to the compressor room.

A mouse click is all it takes to consult the service status of your compressor online.

A link takes you directly to your compressor supplier for a service quote request.

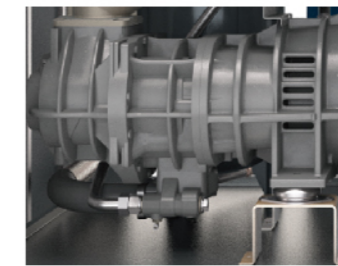
It's fast and easy, and it's always there when you need it.

SMART TECHNICAL ADVANTAGES

Intelligent Control System
User friendly
Advanced Controller for easy monitoring.
• Protect your compressed air system
• Large scope of integrated functionalities, timers, dual pressure band
• Clear service schedule and fault report

Patented Asymmetric Rotor Profile and Meticulous Selection of Bearings
• Low wear and tear leads to increased reliability
• Proven reliability with thousands of installations throughout the world

Spacious Design Easy Accessibility
• Hinge to Rotate Separator Cover for easy change of Efficient 3-stage air/oil separator
• Special mountings to facilitate assembly and dismantling
• Multiple access panels for easy reach to clean the coolers and access other serviceable components



Scope of Supply	DRE		DRF	
	FS	IVR	FS	IVR
IE 2 Motor (IP55)	S	S	S	S
IE 3 Motor (IP55)	O	NA	O	NA
4000 Hour Oil	S	S	S	S
8000 Hour Oil	O	O	O	O
ES 4000 Controller	S	S	S	S
WSD + Auto Drain	S	S	S	S
ICONS Connectivity	S	S	S	S
Star/Delta Starter(Fixed Speed)	S	S	S	S
Heavy Duty Nano Inlet Filters	O	O	O	O
Witness Test Certificate	O	O	O	O

O - Option S - Standard NA - Not Applicable
HV: 6KV/10KV(IP23/54). Machines are available as special order.

Complete Compressor Room Solutions

