

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



- A high quality product offering you **technology you 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** and use of original parts.



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 120-180
DRE 120-180 IVR

»»» DRF 150-480

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



»»» 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 ”



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



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



»»» DRE 120-180
DRE 120-180 IVR

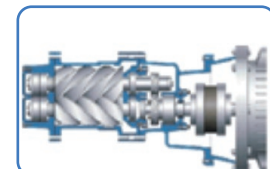
Thanks to the robust design of Ceccato DRE series, you can rely on high quality compressed air for the most demanding applications in various industries.

- 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 air filtration

Protect internal components from contamination.

»»» Technical data (Air Cooled)

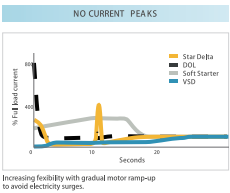
	Working Pressure	Motor		Free Air Delivery reference conditions		Noise Level	Voltage	Dimensions	Weight
Model									
	BAR	hp	kW	l/s	cfm	dB	V	L*W*H(mm)	kg
DRE 120	8	120	90	271	574	76	380/400	2259*1060*1594	1570
	10	120	90	242	512	76	380/400	2259*1060*1594	1570
DRE 150	8	150	110	308	653	78	380/400	2255*1230*1600	1870
	10	150	110	265	562	78	380/400	2255*1230*1600	1870
DRE 180	8	180	132	374	793	79	380/400	2255*1230*1600	1920
	10	180	132	325	689	79	380/400	2255*1230*1600	1920
DRE 120 IVR	8	120	90	266	563	79	380/400	2259*1060*1594	1650
	10	120	90	237	502	79	380/400	2259*1060*1594	1650
DRE 150 IVR	8	150	110	308	653	78	380/400	2255*1230*1600	2070
	10	150	110	265	562	78	380/400	2255*1230*1600	2070
DRE 180 IVR	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)

	Working Pressure	Motor		Free Air Delivery reference conditions		Noise Level	Voltage	Dimensions	Weight
Model									
	BAR	hp	kW	l/s	cfm	dB	V	L*W*H(mm)	kg
DRE 120	8	120	90	271	574	71	380/400	2210*1060*1594	1620
	10	120	90	242	512	71	380/400	2210*1060*1594	1620
DRE 150	8	150	110	308	653	78	380/400	2255*1230*1600	2400
	10	150	110	265	562	78	380/400	2255*1230*1600	2400
DRE 180	8	180	132	374	793	79	380/400	2255*1230*1600	2550
	10	180	132	325	689	79	380/400	2255*1230*1600	2550
DRE 120 IVR	8	120	90	266	563	71	380/400	2557*1060*1594	2060
	10	120	90	237	502	71	380/400	2557*1060*1594	2060
DRE 150 IVR	8	150	110	308	653	78	380/400	2255*1230*1600	2670
	10	150	110	265	562	78	380/400	2255*1230*1600	2670
DRE 180 IVR	8	180	132	374	793	79	380/400	2255*1230*1600	2770
	10	180	132	325	689	79	380/400	2255*1230*1600	2770

GEARBOX DRIVEN - FIXED & VARIABLE SPEED

DRF 150-340 IVR



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.



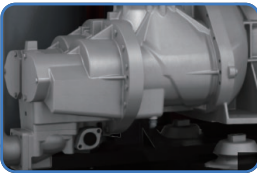
Premium Energy savings

Our technology reduces the operating cost for your compressed air.



Perfectly matched ABB inverter

A unique inverter control unit, specially programmed to work w h controller to optimize energy saving for custome 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)

	Working Pressure	Motor		Free Air Delivery reference conditions		Noise Level	Voltage	Dimensions	Weight
Model									
	BAR	hp	kW	l/s	cfm	dB (A)	V	L*W*H(mm)	kg
DRF 150 IVR	8	150	110	335	710	77	380/400	2845*1750*1930	3880
	10	150	110	297	630	77	380/400	2845*1750*1930	3880
DRF 180 IVR	8	180	132	396	840	77	380/400	2845*1750*1930	3880
	10	180	132	350	742	77	380/400	2845*1750*1930	3880
DRF 220 IVR	8	220	160	458	971	78	380/400	2845*1750*1930	4010
	10	220	160	419	888	78	380/400	2845*1750*1930	4010
DRF 270 IVR	8	270	200	552	1170	79	380/400	3500*1750*1985	4660
	10	270	200	505	1071	79	380/400	3500*1750*1985	4660
DRF 340 IVR	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)

	Working Pressure	Motor		Free Air Delivery reference conditions		Noise Level	Voltage	Dimensions	Weight
Model									
	BAR	hp	kW	l/s	cfm	dB (A)	V	L*W*H(mm)	kg
DRF 150 IVR	8	150	110	335	710	77	380/400	2845*1750*1930	3880
	10	150	110	297	630	77	380/400	2845*1750*1930	3880
DRF 180 IVR	8	180	132	396	840	77	380/400	2845*1750*1930	3880
	10	180	132	350	742	77	380/400	2845*1750*1930	3880
DRF 220 IVR	8	220	160	458	971	78	380/400	2845*1750*1930	3530
	10	220	160	419	888	78	380/400	2845*1750*1930	3530
DRF 270 IVR	8	270	200	552	1170	79	380/400	3500*1750*1985	3950
	10	270	200	505	1071	79	380/400	3500*1750*1985	3950
DRF 340 IVR	8	340	250	655	1389	80	380/400	3500*1750*1985	4180
	10	340	250	625	1325	80	380/400	3500*1750*1985	4180

GREAT RELIABILITY AND FLEXIBLE PACKAGE

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



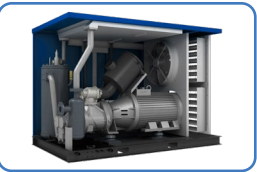
Energy saving controller

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)

	Working Pressure	Motor		Free Air Delivery reference conditions		Noise Level	Voltage	Dimensions	Weight
Model									
	BAR	hp	kW	l/s	cfm	dB (A)	V	L*W*H(mm)	kg
DRF 150	8	150	110	335	710	77	380/400	2845*1750*1930	3580
	10	150	110	297	630	77	380/400	2845*1750*1930	3580
DRF 180	8	180	132	396	840	77	380/400	2845*1750*1930	3580
	10	180	132	350	742	77	380/400	2845*1750*1930	3580
DRF 220	8	220	160	450	954	78	380/400	2845*1750*1930	3630
	10	220	160	419	888	78	380/400	2845*1750*1930	3630
DRF 270	8	270	200	546	1158	79	380/400	3500*1750*1985	4160
	10	270	200	503	1066	79	380/400	3500*1750*1985	4160
DRF 271	8	270	200	612	1297	77	380/400	4800*2150*2250	5325
	10	270	200	555	1177	77	380/400	4800*2150*2250	5325
DRF 340	8	340	250	646	1370	80	380/400	3500*1750*1985	4390
	10	340	250	610	1293	80	380/400	3500*1750*1985	4390
DRF 341	8	340	250	705	1495	77	380/400	4800*2150*2250	5895
	10	340	250	656	1391	77	380/400	4800*2150*2250	5895
DRF 450	8	450	315	871	1847	78	380/400	5100*2150*2250	6350
	10	450	315	804	1704	78	380/400	5100*2150*2250	6350
DRF 480	8	480	355	1007	2135	79	380/400	5100*2150*2250	6380
	10	480	355	890	1887	79	380/400	5100*2150*2250	6380

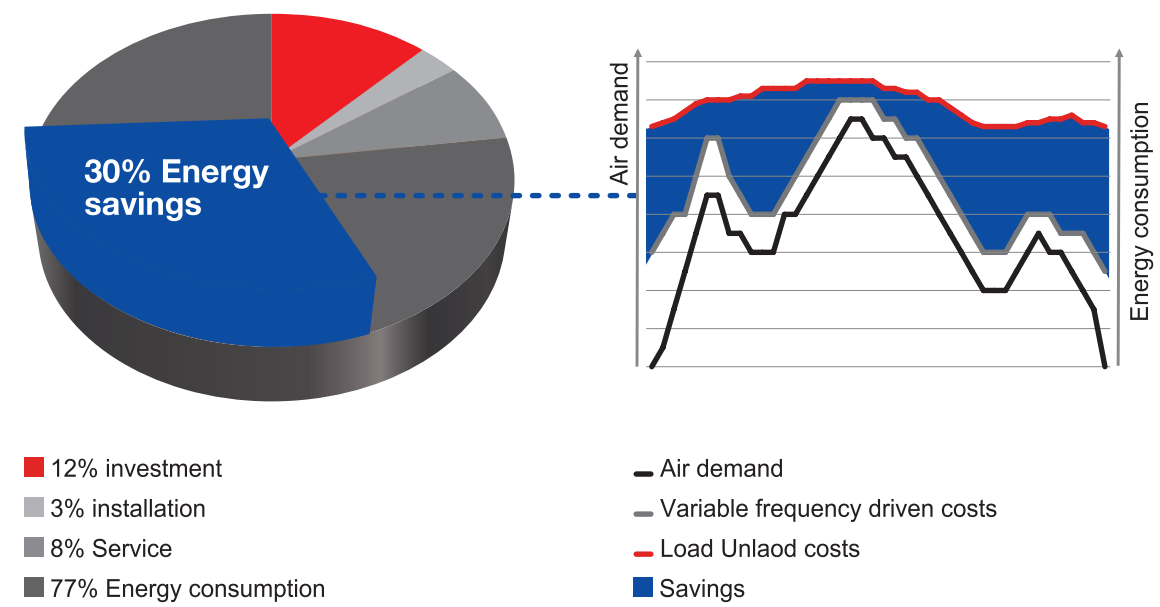
Technical data (Water Cooled)

	Working Pressure	Motor		Free Air Delivery reference conditions		Noise Level	Voltage	Dimensions	Weight
Model									
	BAR	hp	kW	l/s	cfm	dB (A)	V	L*W*H(mm)	kg
DRF 150	8	150	110	335	710	77	380/400	2845*1750*1930	3140
	10	150	110	297	630	77	380/400	2845*1750*1930	3140
DRF 180	8	180	132	396	840	77	380/400	2845*1750*1930	3200
	10	180	132	350	742	77	380/400	2845*1750*1930	3200
DRF 220	8	220	160	450	954	78	380/400	2845*1750*1930	3250
	10	220	160	419	888	78	380/400	2845*1750*1930	3250
DRF 270	8	270	200	546	1158	79	380/400	2900*1750*1985	3640
	10	270	200	503	1066	79	380/400	2900*1750*1985	3640
DRF 271	8	270	200	612	1297	77	380/400	3600*2150*2250	4890
	10	270	200	555	1177	77	380/400	3600*2150*2250	4890
DRF 340	8	340	250	646	1370	80	380/400	2900*1750*1985	3840
	10	340	250	610	1293	80	380/400	2900*1750*1985	3840
DRF 341	8	340	250	705	1495	77	380/400	3600*2150*2250	5460
	10	340	250	656	1391	77	380/400	3600*2150*2250	5460
DRF 450	8	450	315	871	1847	78	380/400	3600*2150*2250	5730
	10	450	315	804	1704	78	380/400	3600*2150*2250	5730
DRF 480	8	480	355	1007	2135	79	380/400	3600*2150*2250	5760
	10	480	355	890	1887	79	380/400	3600*2150*2250	5760

ENERGY SAVINGS & ADVANCED CONNECTIVITY

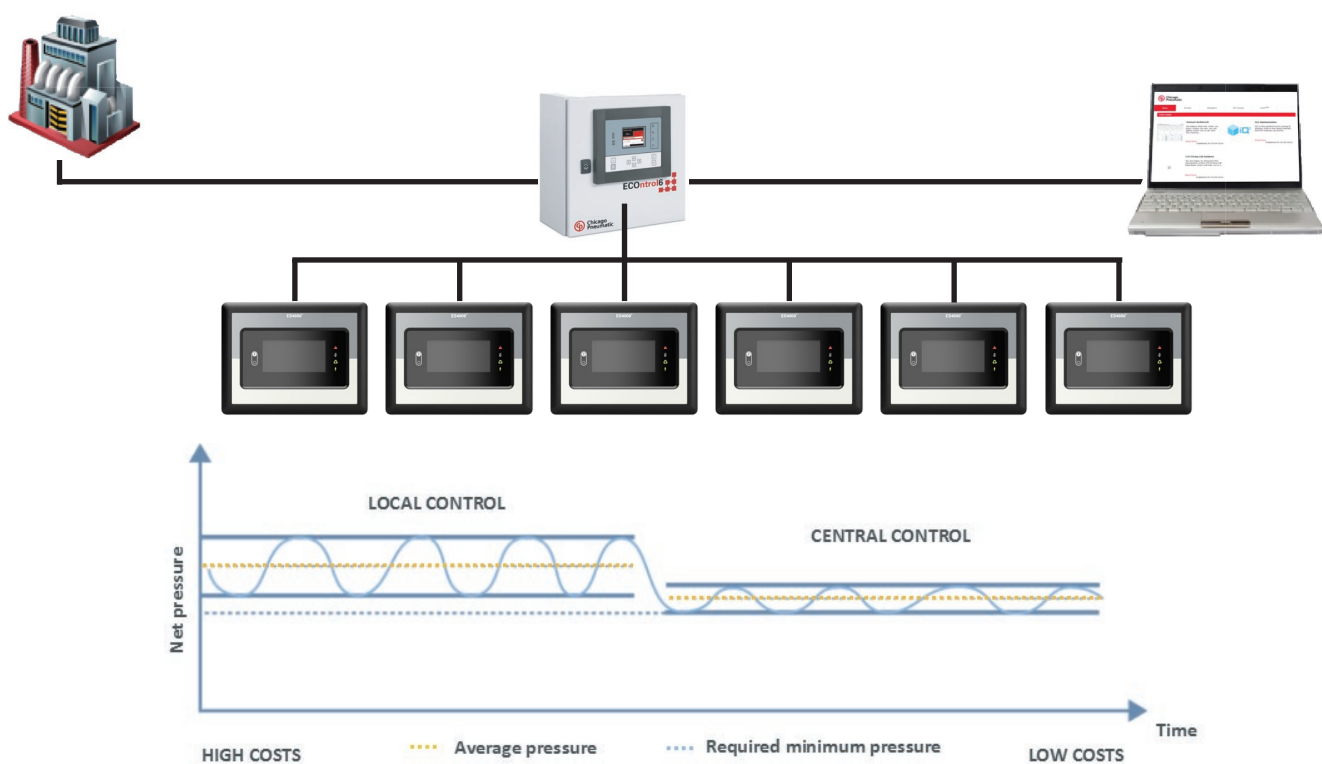
WE PROTECT YOUR EFFICIENCY

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%.



OPTIMISED CONNECTIVITY

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



SMART ADVANTAGES & COMPLETE SOLUTIONS

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		DRE	
	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



Compressor Station Layout