

AVAILABILITY SERVICEABILITY RELIABILITY SIMPLICITY PARTNERSHIP
TECHNOLOGY YOU CAN TRUST

Compact, connected and convenient: Reliability and great performance for your business

DRM 75-120, DRD 75-100 & DRE 120



www.ceccato.com

CECCATO ARIA COMPRESSA

Experience the new DRM 75-120, DRD 75-100 & DRE 120 screw compressors

Connecting cost efficiency and performance

The new range offers you excellent performance, plug-and-play installation and the reliability you can expect from the Ceccato brand. The advanced connectivity adds intelligence to your compressor, allowing you to decrease operating costs further while increasing productivity.

Ready to discover our new compressors?



Main features

New air end

- The in-house designed compression element, combined with an IE4 efficiency motor, comes with increased performance, lower compression temperature and high reliability.
- The Free Air Delivery is increased up to +4% and power consumption is reduced by up to -3%.
- Fit for environments with ambient temperatures of up to 46°C due to superior component design.

High efficiency motor

- IE4 Super Premium efficiency class.
- IP66 protection against dust ingress.

Easy installation and service

- Effortless maintenance thanks to the easily removable panels and quick access to all service parts.
- Low maintenance costs.

Air quality

- A water separator drain comes as standard on units with an integrated dryer.
- Removes the condensate formed in the cooler.
- Improves the air quality.

Integrated dryers

- Now available with integrated dryers combined with integrated water separators into air cooler.

Infographic controller

- An intuitive and easy-to-operate control system gives you an insight into the performance of your compressed air system – remotely and at any given moment.
- Controls the unit by maintaining the pressure between programmable limits.
- Protects the unit thanks to the programmed shutdown warnings.
- Maintains the unit thanks to our programmed service time interval meter, informing the customer when service is due.

The ES4000Touch controller: Gain full insight into your compressor system

For those who like simplicity, the ES4000S features a user interface displaying simple symbols for easy navigation. The ES4000T offers an advanced user experience with a state-of-the-art 4.3" full-color touchscreen.

But the ES4000S & ES4000T take ease of use even further. Thanks to their connectivity features, no need to walk over to the compressor and physically access the controller. You can check your compressor's service status anywhere, at any time, in real time.

Knowing the status of your compressed air system at any time improves the reliability of your overall operations. You can plan your service interventions at the right moment and avoid production downtime by detecting potential problems before they become a liability.



Standard

Optional upgrade

ICONS



Complete your compressed air installation with an ICONS plan

What if your compressor needs servicing or an immediate intervention? With an ICONS plan, alerts are delivered from your controller straight to your computer, tablet or smartphone. Wherever you are, you can take immediate action and reduce the risk of downtime and other costs.

Generous and smart cooling system

- Bigger air oil coolers have been selected, resulting in a high cooling capacity, maximum cooling efficiency and increased reliability.
- The large fan provides forced ventilation and conveyed flows, improving the air flow and reducing operating temperature for enhanced reliability.



7 reasons to choose Ceccato

By maximizing performance, energy efficiency and reliability of each individual component we have ensured that the final result is our most innovative compressor to date.

1 New generation screw elements

- Superior performance and efficiency.
- Improved rotor profile, reduced pressure losses.
- In-house designed and produced in Belgium.

2 Integrated dryer*

- Enhanced air quality.
- Condensate removal at the source, minimizing pipework corrosion. Reduced footprint, up to 1/3 of a stand-alone dryer.
- Single service visit, reducing maintenance cost.
- No installation cost.



3 Infographic controller

- Easy-to-use full-colour graphical display with touchscreen.
- Integrated connectivity helps optimizing and save energy.
- In-house designed.

* Not shown on the picture.

4 IE4 motor technology

- Super premium efficiency (IE4)
- IP66, highest possible protection against dust ingress

5 Casted oil separator vessel

- Integrated minimum pressure valve (MPV) eliminates risk of leakage.
- Designed for optimal oil separation and low oil carry over.





6 Separate coolers

- Separate oil and air cooler for high-quality cooling and long lifetime of the coolers.
- Gliding rails for easy and safe removal.
- Easy access for cleaning.
- Integrated water separation for coolers used on machines with integrated dryers.



7 Quality filtration

- Protecting internal components and increasing lifetime.
- Heavy duty air/oil/oil separator filters with long lifetime for low total cost of ownership.

Built-in options



Air Quality

Integrated water separation drains
Ensures efficient condensate removal.

Tropical thermostatic valve
For use in humid and hot conditions.

Freeze protection
Guarantees a certain oil temperature in the oil vessel to avoid condensation.

Integrated refrigerant dryer
Removes water condensate from the compressed air, minimizing the risk of product spoilage in your application.

Energy Saving

Integrated energy recovery
Recovers up to 75% of the heat energy formed during the compression process, which can be used to heat up water for boilers, showers, etc.

ECO2i – ECO4i – ECO6i
Integrated multiple compressor control for up to 6 compressors reduces system pressure and energy consumption.



A range of options

- Water Separation drain - Mechanical (Pack only)
- Integrated Energy Recovery
- Oil - 8000h oil synthetic
- Test report
- Water Separation drain - Electronic
- Expansion Module
- Upgrade to Touch
- Prefilter Kit
- Power duct fan - AC*
- Oil preheater = freeze protection
- Oil - 4000h oil food grade
- ECO2i
- ECO4i
- ECO6i
- Tropical Thermostat
- Compressor running- L/uL

* Not on 90kW

Performance data

DRD 75-100 and DRE 120 (50Hz)

Model	Max working pressure	Reference working pressure	Free air delivery @ reference conditions			Motor power		Noise level	Cooling air volume	Weight		Compressed air output diameter
										STD	PLUS	
	bar(g)	bar(g)	m³/h	l/s	cfm	kW	Hp	dB(A)	m³/s	kg	kg	
DRD75	7.5	7	626	174	369	55	75	71	2.62	1123	1431	2 ½"
	8.5	8	598	166	352	55	75	71	2.62	1123	1431	2 ½"
	10	9.5	536	149	316	55	75	70	2.62	1123	1431	2 ½"
	13	12.5	475	132	280	55	75	70	2.62	1123	1431	2 ½"
DRD100	7.5	7	806	224	475	75	100	73	2.62	1189	1510	2 ½"
	8.5	8	778	216	458	75	100	72	2.62	1189	1510	2 ½"
	10	9.5	720	200	424	75	100	73	2.62	1189	1510	2 ½"
	13	12.5	623	173	367	75	100	73	2.62	1189	1510	2 ½"
DRE120	7.5	7	1021	284	601	90	120	72	3.52	1346	1672	2 ½"
	8.5	8	976	271	574	90	120	71	3.52	1346	1672	2 ½"
	10	9.5	911	253	536	90	120	73	3.52	1346	1672	2 ½"
	13	12.5	770	214	453	90	120	71	3.52	1346	1672	2 ½"

DRD 75-100 and DRE 120 (60Hz)

Model	Max working pressure	Reference working pressure	Free air delivery @ reference conditions			Motor power		Noise level	Cooling air volume	Weight		Compressed air output diameter
										STD	PLUS	
	bar(g)	bar(g)	m³/h	l/s	cfm	kW	Hp	dB(A)	m³/s	kg	kg	
DRD75	7.5	7	637	177	375	55	75	71	2.62	1123	1431	2 ½"
	8.5	8	583	162	343	55	75	71	2.62	1123	1431	2 ½"
	10	9.5	554	154	326	55	75	70	2.62	1123	1431	2 ½"
	13	12.5	504	140	297	55	75	70	2.62	1123	1431	2 ½"
DRD100	7.5	7	814	226	479	75	100	73	2.62	1189	1510	2 ½"
	8.5	8	778	216	458	75	100	72	2.62	1189	1510	2 ½"
	10	9.5	706	196	415	75	100	73	2.62	1189	1510	2 ½"
	13	12.5	634	176	373	75	100	73	2.62	1189	1510	2 ½"
DRE120	7.5	7	1058	294	623	90	120	72	3.52	1346	1672	2 ½"
	8.5	8	950.4	264	559.38	90	120	71	3.52	1346	1672	2 ½"
	10	9.5	882	245	519.12	90	120	73	3.52	1346	1672	2 ½"
	13	12.5	766.8	213	451.32	90	120	71	3.52	1346	1672	2 ½"

DRM 75-120 (50Hz)

Model	Max working pressure	Reference working pressure	Free air delivery @ reference conditions			Motor power		Noise level	Cooling air volume	Weight	Compressed air output diameter
										STD	
	bar(g)	bar(g)	m³/h	l/s	cfm	kW	Hp	dB(A)	m³/s	kg	
DRM75	7.5	7	616	171	362	55	75	71	2.6	1123	2 ½"
	8.5	8	581	161	342	55	75	71	2.6	1123	2 ½"
	10	9.5	520	144	306	55	75	70	2.6	1123	2 ½"
DRM100	7.5	7	792	220	466	75	100	73	2.6	1189	2 ½"
	8.5	8	768	213	452	75	100	72	2.6	1189	2 ½"
	10	9.5	709	197	417	75	100	73	2.6	1189	2 ½"
DRM120	7.5	7	973	270	573	90	120	71	2.6	1346	2 ½"
	8.5	8	924	257	544	90	120	71	2.6	1346	2 ½"
	10	9.5	861	239	507	90	120	71	2.6	1346	2 ½"

DRM 75-120 (60Hz)

Model	Max working pressure	Reference working pressure	Free air delivery @ reference conditions			Motor power		Noise level	Cooling air volume	Weight	Compressed air output diameter
										STD	
	bar(g)	bar(g)	m³/h	l/s	cfm	kW	Hp	dB(A)	m³/s	kg	
DRM75	6.9	7	623	173	367	55	75	71	2.6	1123	2 ½"
	8.6	8	565	157	332	55	75	70	2.6	1123	2 ½"
	10.3	9.5	524	146	308	55	75	70	2.6	1123	2 ½"
DRM100	6.9	7	803	223	472	75	100	73	2.6	1189	2 ½"
	8.6	8	754	210	444	75	100	73	2.6	1189	2 ½"
	10.3	9.5	693	193	408	75	100	73	2.6	1189	2 ½"
DRM120	6.9	7	973	270	573	90	120	71	2.6	1346	2 ½"
	8.6	8	899	250	529	90	120	72	2.6	1346	2 ½"
	10.3	9.5	815	226	480	90	120	71	2.6	1346	2 ½"



Contact your local representative:

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ORIGINAL PART

CARE

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

TRUST

Trust is earned by delivering on our promises of reliable, uninterrupted performance and long equipment lifetime.

EFFICIENCY

Equipment efficiency is ensured by regular maintenance. Efficiency of the service organization is how Original Parts and Service make the difference.

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