



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

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



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.



Integrated dryers

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



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.



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.



DRM 75-120

DRD 75-100 & DRE 120

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.



8 reasons to choose

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.

4. Imperium - Variable Speed Technology

- Robust industrial design with IP5X protection.
- Tailor-made for screw compressor applications.
- In-house designed.



5. IE4 motor technology

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

6. Casted oil separator vessel

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



7. 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.

8. 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

- Full Feature machines
- Watercooling
- Water Separation drain - Mechanical (Pack only)
- Integrated Energy Recovery
- Oil - 8000h oil synthetic test report
- Water Separation drain - Electronic
- Expansion Module
- Upgrade to Touch
- Noise Reduction Baffle*
- Prefilter Kit
- Power duct fan - AC**
- Oil preheater = freeze protection
- Oil - 4000h oil food grade
- ECO2i
- ECO4i
- ECO6i
- Main power isolator switch
- Tropical Thermostat
- EMC filter
- Compressor running-L/uLsignal - Remote control

Performance data

Fixed speed DRD 75-100 & DRE 120

MODEL	Max working pressure bar(g)	Reference working pressure bar(g)	Free air delivery @ reference conditions			Motor power		Noise level dB(A)	Cooling air volume m³/h	Weight		Compressed air output diameter
			m³/h	l/s	cfm	kW	Hp			STD kg	PLUS kg	
50Hz												
DRD 75	7.5	7	626	174	369	55	75	71	2.62	1123	1431	2 1/2
	8.5	8	598	166	352	55	75	71	2.62	1123	1431	2 1/2
	10	9.5	536	149	316	55	75	70	2.62	1123	1431	2 1/2
DRD 100	13	12.5	475	132	280	55	75	70	2.62	1123	1431	2 1/2
	7.5	7	806	224	475	75	100	73	2.62	1189	1510	2 1/2
	8.5	8	778	216	458	75	100	72	2.62	1189	1510	2 1/2
DRE 120	10	9.5	720	200	424	75	100	73	2.62	1189	1510	2 1/2
	13	12.5	623	173	367	75	100	73	2.62	1189	1510	2 1/2
	7.5	7	1022	284	602	90	120	72	3.52	1346	1672	2 1/2
	8.5	8	976	271	574	90	120	71	3.52	1346	1672	2 1/2
	10	9.5	911	253	536	90	120	73	3.52	1346	1672	2 1/2
	13	12.5	767	213	451	90	120	71	3.52	1346	1672	2 1/2
60Hz												
DRD 75	6.9	7	637	177	375	55	75	71	2.9	1123	1431	2 1/2
	8.6	8	583	162	343	55	75	71	2.9	1123	1431	2 1/2
	10.3	9.5	554	154	326	55	75	73	2.9	1123	1431	2 1/2
DRD 100	12	12.5	504	140	297	55	75	70	2.9	1123	1431	2 1/2
	6.9	7	814	226	479	75	100	73	2.9	1189	1510	2 1/2
	8.6	8	778	216	458	75	100	73	2.9	1189	1510	2 1/2
DRE 120	10.3	9.5	702	195	413	75	100	73	2.9	1189	1510	2 1/2
	12	12.5	634	176	373	75	100	73	2.9	1189	1510	2 1/2
	6.9	7	1058	294	623	90	120	72	3.06	1346	1672	2 1/2
	8.6	8	950	264	559	90	120	72	3.06	1346	1672	2 1/2
	10.3	9.5	882	245	519	90	120	71	3.06	1346	1672	2 1/2
	12	12.5	767	213	451	90	120	71	3.06	1346	1672	2 1/2

Fixed speed DRM 75-120

MODEL	Max working pressure bar(g)	Reference working pressure bar(g)	Free air delivery @ reference conditions			Motor power		Noise level dB(A)	Cooling air volume m³/h	Weight kg	Compressed air output diameter
			m³/h	l/s	cfm	kW	Hp				
50Hz											
DRM 75	7.5	7	619	172	364	55	75	71	2.6	1123	2 1/2"
	8.5	8	580	161	341	55	75	71	2.6	1123	2 1/2"
	10	9.5	518	144	305	55	75	70	2.6	1123	2 1/2"
DRM 100	7.5	7	792	220	466	75	100	73	2.6	1189	2 1/2"
	8.5	8	767	213	451	75	100	72	2.6	1189	2 1/2"
DRM 120	10	9.5	709	197	417	75	100	73	2.6	1189	2 1/2"
	7.5	7	972	270	572	90	120	71	2.6	1346	2 1/2"
	8.5	8	925	257	545	90	120	71	2.6	1346	2 1/2"
	10	9.5	860	239	506	90	120	71	2.6	1346	2 1/2"
60Hz											
DRM 75	6.9	7	623	173	367	55	75	71	2.6	1123	2 1/2"
	8.6	8	565	157	333	55	75	70	2.6	1123	2 1/2"
	10.3	9.5	522	145	307	55	75	70	2.6	1123	2 1/2"
DRM 100	6.9	7	803	223	473	75	100	73	2.6	1189	2 1/2"
	8.6	8	756	210	445	75	100	73	2.6	1189	2 1/2"
DRM 120	10.3	9.5	691	192	407	75	100	73	2.6	1189	2 1/2"
	6.9	7	972	270	572	90	120	71	2.6	1346	2 1/2"
	8.6	8	900	250	530	90	120	72	2.6	1346	2 1/2"
	10.3	9.5	814	226	479	90	120	71	2.6	1346	2 1/2"



Contact your local representative

www.ceccato.com



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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