Solid, simple and smart: advanced reliability in compressed air

DRC 40-60 (IVR) / DRC 40-50 IVR PM OIL-INJECTED SCREW COMPRESSORS

CECCATO ARIA COMPRESSA

Your compressor powers your entire production, or at least a significant part. You simply can't afford an air system that doesn't work for you. Ceccato's Fixed speed DRC 40-60, variable speed DRC 40-60 IVR and brand-new DRC 40-50 IVR PM deliver the reliable and cost-efficient performance that will give you that necessary peace of mind. Thanks to the DRC 40-50 IVR PM's iPM technology, you even enjoy unrivaled energy savings. Compact and quiet, a Ceccato 30-45 kW compressor will be the undemanding, yet powerful heart of your compressor room for years to come.

Superior Build

- Updated, small footprint to save space and reduce noise levels.
- Reliable operation, even in ambient temperatures
- of up to 46°C.
- The IP66-enclosed drive train provides dependable performance in dusty and humid conditions.
- Maintenance-free components ensure higher uptime and productivity.
- iPM direct drive guarantees premium reliability.

Low cost of ownership

- On average 30% smaller footprint than most competitors.
- Up to 45% energy savings with the DRC 40-50 IVR PM's IE4 iPM motor.
- Integrated direct drive transmission allows for minimal losses.
- Advanced Airlogic^{2}T touchscreen controller maximizes performance and efficiency.

A complete offer

DRC 40-60 fixed-speed

- On average 30% smaller foot-print than most competitors
- Gear drive contributes to high reliability in tough conditions
- Ideal workhorse for compressor rooms with long duty cycle operation

+ TCO* SAVINGS
PERFORMANCE

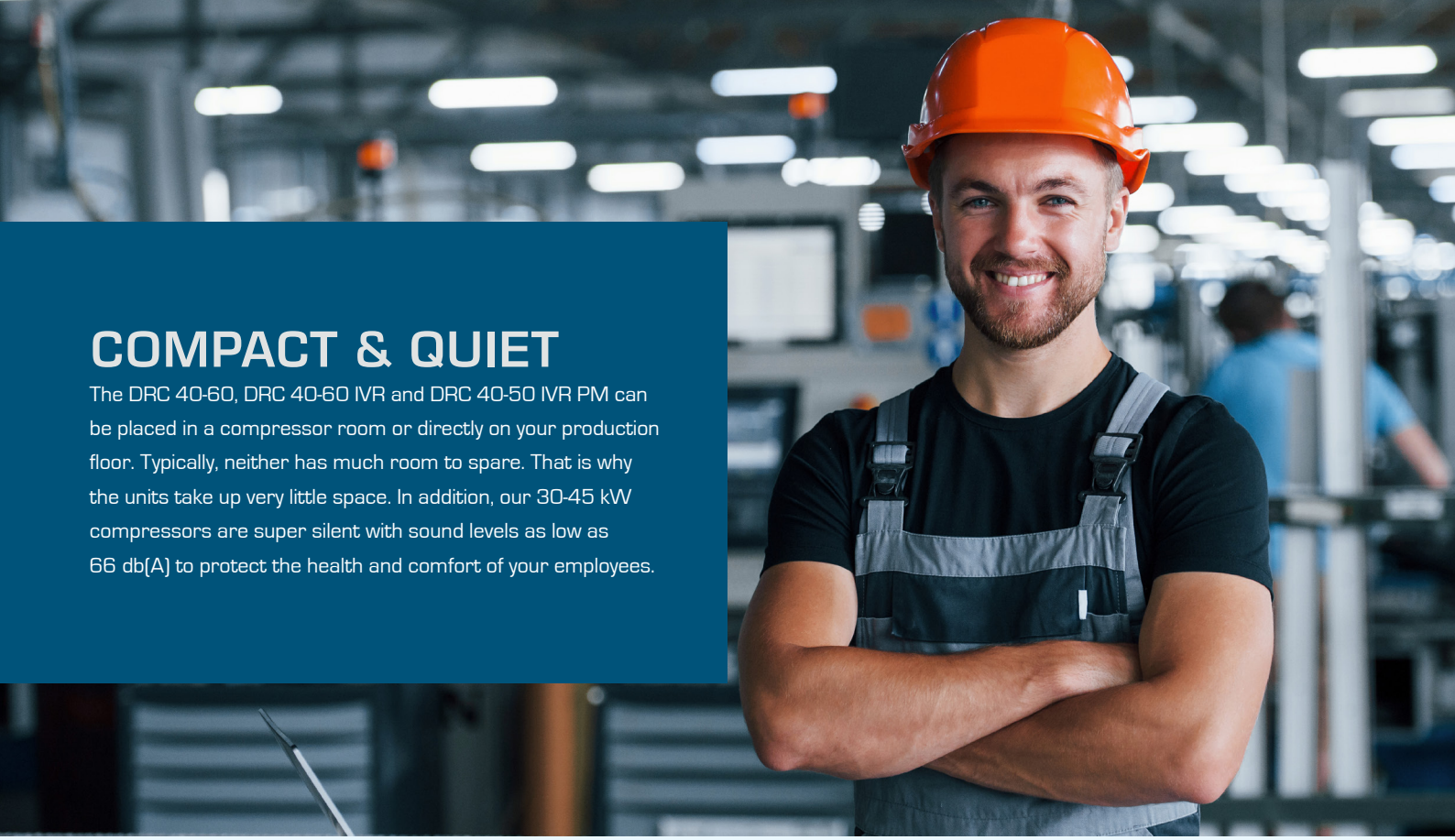
DRC 40-60 IVR variable speed

- Direct drive (30 kW) and gear drive (37-45 kW) ensure slip-free and reliable VSD operation
- Energy savings of up to 35%
- High IP cubicle rating for reliable operation in tough conditions
- Payback within 2 years for upgrade from fixed-speed to VSD

+ TCO* SAVINGS
PERFORMANCE
SERVICEABILITY
LIFETIME

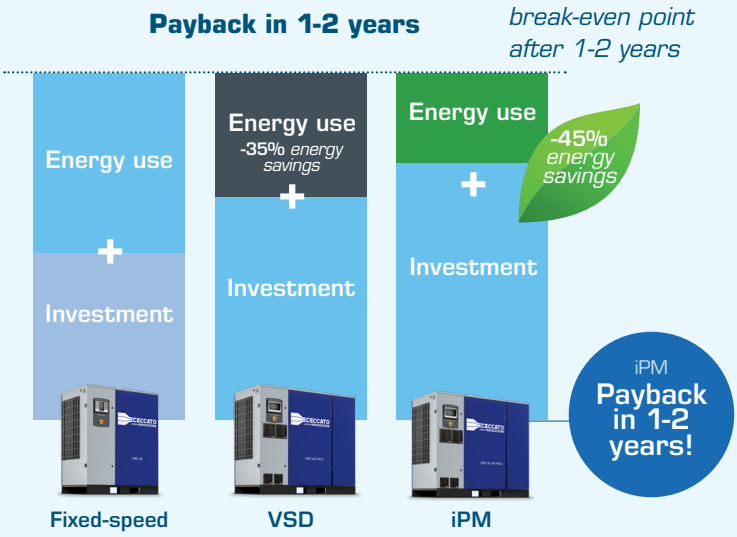
DRC 40-50 IVR PM

- Oil-cooled iPM drive train for high performance cooling and best-in-class performance
- Energy savings of up to 45%
- iPM motor equals IE4 standards
- Payback within 1-2 years for upgrade from fixed-speed to iPM



COMPACT & QUIET

The DRC 40-60, DRC 40-60 IVR and DRC 40-50 IVR PM can be placed in a compressor room or directly on your production floor. Typically, neither has much room to spare. That is why the units take up very little space. In addition, our 30-45 kW compressors are super silent with sound levels as low as 66 db(A) to protect the health and comfort of your employees.



iPM for major energy savings

Energy takes up more than 70% of the cost of owning and operating a compressor. Ceccato's iPM technology was developed to give you significant energy savings. While traditional compressors only have one speed (100% on), iPM compressors adjust their motor speed to follow the fluctuating air demand that most production environments have. As a result, the DRC 40-50 IVR PM delivers up to 45% energy savings. That means you can earn back your choice for the DRC 40-50 IVR PM in just one to two years. How's that for a financial no-brainer?

ICONS

Increased uptime, powered by icons

With the Intelligent CONnectivity System (ICONS), you get data and insights from your machines delivered to your computer, tablet or smartphone.

- Increase the reliability of your machine by identifying problems before they become a threat to the continuity of your production.
- Analyze and optimize your energy consumption and CO_2 emissions.
- Receive high-quality energy reports ensuring the ISO50001 compliance of your site.

Advanced technology for best-in-class performance

In-house designed IE4 efficiency and class H interior permanent magnet (iPM) motor: Maintenance-free; includes innovative oil-cooling technology for optimal performance in up to 46°C.

In-house designed compression element: Gives you best-in-class Free Air Delivery and Specific Energy Requirement.

IP54 electrical cubicle: Can withstand up to 60°C and is IP54 protected.

Drive train: IP66-rated for complete protection from dust and moisture.

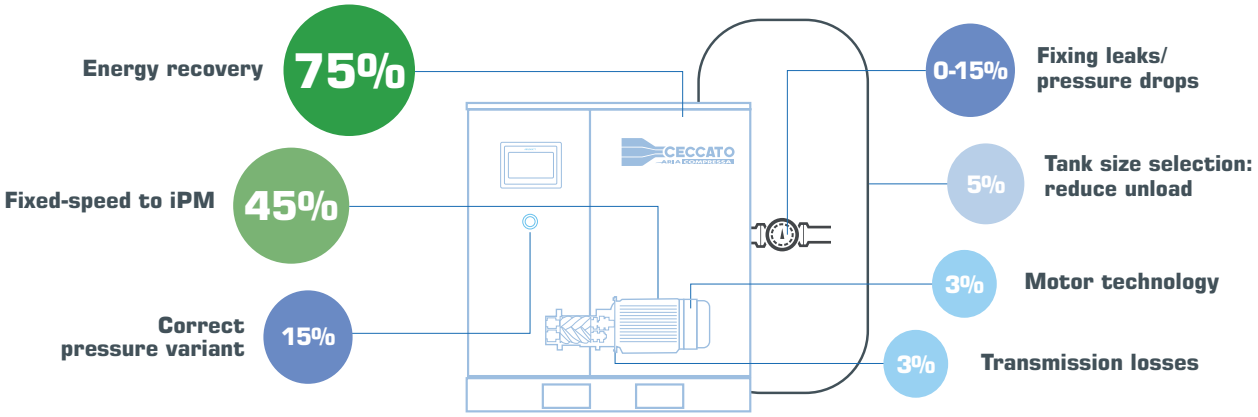
Radial fan: Gives you improved pressure build-up and quiet operation.

A range of options

- Integrated energy recovery
- IE4 fixed-speed motor
- 8000-hour premium synthetic oil
- Food-grade oil
- Freeze protection
- WSD & Electronic water drain
- Heavy-duty pre-filtration
- ECO6i

Mission possible: energy efficiency

Energy constitutes by far the biggest cost of owning and operating a compressor. Luckily, there are many options to minimize the energy consumption of your air system. Technologies such as energy recovery can have a huge impact on your bottom line and your environmental footprint, with energy savings of up to 75%. A holistic view of your compressed air system is key. It starts with the selection of efficient technologies when buying your compressor. But it doesn't end there. Monitoring and analyzing your air system as you use it will often reveal optimization opportunities. Your Ceccato representative can help you find those savings.



One source for all your air needs

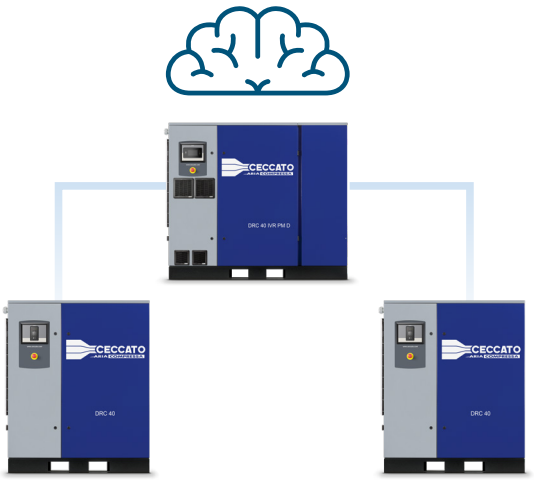
Ceccato stands ready to meet all of your compressed air needs: From the ① compressor itself, to ② air dryers and ③ line filters, ④ oil-water separators, ⑤ air receiver buffer storage, ⑥ our own easy-to-install AIRnet piping system, and ⑦ a central controller to manage the entire system.

State-of-the-art monitoring, control & connectivity

How do you get the most out of your DRC 40-60, DRC 40-60 IVR and DRC 40-50 IVR PM? It's all about monitoring, control and connectivity. The state-of-the-art Airlogic²T touchscreen controller gives you on-screen and remote insight into the performance of your compressor so you can optimize its efficiency, reliability and lifetime:

- → **Large 4.3" full-color touchscreen display**
- → **30+ languages**
- → **Warning indications and shutdown alarms**
- → **Service status and schedule indication**
- → **Online visualization of running conditions**
- → **Compressor data analysis**

ECOntrol6i



Enhance your air system performance with the ECOntrol6i

Are you operating multiple compressors? The DRC 40-60, DRC 40-60 IVR and DRC 40-50 IVR PM can be optionally equipped with the **ECOntrol6i** central controller to synchronize your different units. The result: a smooth running air system with a low Total Cost of Ownership.

- Generate energy savings by narrowing the operating pressure band.
- Save on maintenance costs and equalize the running hours of your compressors.
- Monitor and control all compressors from one single touchscreen display.
- Optimize your compressors' performance by operating different control schemes.
- Control compressors of all types and brands.

Technical specifications

DRC 40-60

CE - 50 HZ A2

Model	Max. working pressure	Reference working pressure	Motor power		Free Air Delivery @ reference conditions*			Noise level **	Cooling air flow	Weight	
										PACK	FF
	Bar	Bar	kW	hp	m³/h	l/s	cfm	db(A)	m³/h	kg	
DRC 40	7.5	7.0	30	40	350	97.1	206	67	4900	530	640
	8.5	8.0			321	89.3	189				
	10	9.5			296	82.1	174				
	13	12.5			265	73.7	156				
DRC 50	7.5	7.0	37	50	421	117.0	248	70	5000	631	741
	8.5	8.0			405	112.6	239				
	10	9.5			365	101.5	215				
	13	12.5			320	88.9	188				
DRC 60	7.5	7.0	45	60	491	136.3	289	72	7950	646	764
	8.5	8.0			455	126.5	268				
	10	9.5			419	116.4	246				
	13	12.5			377	104.8	222				

** Unit performance measured according to ISO1217, Annex C, latest edition*

*** Noise level measured according to ISO2151 2004.*

DRC 40-60 IVR

CE - 50/60 HZ A2

Model	Min. working pressure	Reference working pressure	Motor power		Min. FAD*		Free Air Delivery @ reference conditions* Max. FAD*						Noise level **	Cooling air flow	Weight	
					7 bar		7 bar		9.5 bar		12.5 bar				PACK	FF
	Bar	Bar	kW	hp	m³/h	l/s	m³/h	l/s	m³/h	l/s	m³/h	l/s	db(A)	m³/h	kg	
DRC 40 IVR	4	13	30	40	65	18.0	335	93.0	295	82.0	248	69.0	67	4900	505	615
DRC 50 IVR	4	13	37	50	115	32.0	410	114.0	364	101.0	281	78.0	70	5000	655	765
DRC 60 IVR	4	13	45	60	115	32.0	486	135.0	425	118.0	371	103.0	72	7950	685	795

** Unit performance measured according to ISO1217, Annex C, latest edition*

*** Noise level measured according to ISO2151 2004.*

DRC 40-50 IVR PM

CE - 50/60 HZ A2

Model	Min. working pressure	Reference working pressure	Motor power		Min. FAD*		Free Air Delivery @ reference conditions* Max. FAD*						Noise level **	Cooling air flow	Weight	
					7 bar		7 bar		9.5 bar		12.5 bar				PACK	FF
	Bar	Bar	kW	hp	m³/h	l/s	m³/h	l/s	m³/h	l/s	m³/h	l/s	db(A)	m³/h	kg	
DRC 40 IVR PM	4	13	30	40	54	15.1	356	98.9	305	84.8	251	69.6	67	4900	480	510
DRC 50 IVR PM	4	13	37	50	95	26.4	428	119	377	104.6	303	84.3	70	7750	510	628

** Unit performance measured according to ISO1217, Annex C, latest edition*

*** Noise level measured according to ISO2151 2004.*

Dimensions

	Length	Width	Height
	mm	mm	mm
Pack	1320	830	1555
FF	1810	830	1555

Ceccato’s heritage

Ceccato Aria Compressa is a product company that specializes in the design, production and sales of screw compressors and air treatment products like dryers and filters, within the Atlas Copco Group.

Atlas Copco is a world-leading business in more than 180 countries, a truly global company, that serves customers with its innovative compressors, vacuum solutions and air treatment systems, construction and mining equipment, power tools and assembly systems, with more than 44,000 committed employees in the Group who contribute to the success of the company.

Since 1936 the Ceccato name has represented a very simple and reliable product range, designed for an extensive variety of applications.

The stationary electric driven compressors produced by Ceccato have been largely distributed worldwide without any restrictions of ambient conditions or locations. The range of compressors is integrated with a wide selection of dryers and accessories in general, to make the Ceccato range of products an interesting business opportunity for any distributor worldwide. The attitude of Ceccato is to design and produce compressors according to the real market needs, in order to become a real reliable partner for any company who wants to establish solid and long-term relationships.

Contact your local representative:

www.ceccato.com

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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.

CECCATO ARIA COMPRESSA