



## Solid, simple and smart: Advanced reliability in compressed air-50Hz

**DRE120-180, DRF151-480 fixed speed oil-injected screw compressor**  
**DRE120-180 IVR, DRF151-340 PM variable speed oil-injected screw compressor**



Ceccato's 120-480hp fixed speed screw compressors are designed and built to give you that essential combination of reliability and efficiency. Easy to install, use and service, you can count on the fixed speed DRE 120-180 & DRF151-480 to produce the quality air that keeps your production going.



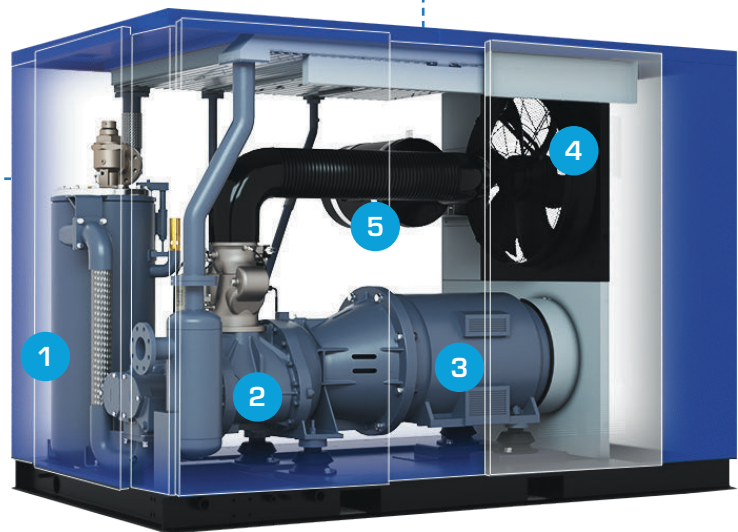
### Low operation cost

- Lower energy cost thanks to in-house designed, high-efficiency screw element
- Helps you move toward a green production with lower carbon emission
- Monitor and optimize your compressor remotely with ICONS

### Always reliable

- Reliable operation, even in 46°C
- IP55-enclosed drive train for dependable performance in dust and humid conditions

- 1 Oil separator
- 2 Compression element
- 3 Motor
- 4 Cooling fan
- 5 Air filter



### Easy operation

The intuitive ES4000T controller offers a host of air system management and monitoring options. The touchscreen gives you status updates and service alerts before performance becomes a problem. Servicing your air compressors is just as straightforward and hassle-free. The service panels can be removed quickly for immediate access to all mechanical and electrical components to ensure swift maintenance with minimal downtime.

# Technical specifications

## Air cooled

Model	Working pressue	Motor Power		FAD		Nosie level dB(A)	Dimension	Weight kg	Connection
	Mpa	kw	hp	I/s	cfm		LxWxH (mm)		
DRE120	0.8	90	120	271	574	76	2259 x 1060 x 1594	1570	G2
	1			242	512				
DRE150	0.8	110	150	308	653	78	2255 x 1230 x 1600	1870	G2
	1			265	562				
DRE180	0.8	132	180	374	793	79	2255 x 1230 x 1600	1920	G2
	1			325	689				
DRF220	0.7	160	220	503	1066	78	2880 x 1754 x 1930	2970	DN80
	0.8			482	1020				
	1			443	939				
DRF270	0.7	200	270	607	1285	80	3502 x 1754 x 1983	3450	DN100
	0.8			567	1200				
	1			517	1094				
DRF340	0.7	250	340	755	1599	80	3502 x 1754 x 1983	3620	DN100
	0.8			713	1511				
	1			643	1363				
DRF450	0.8	315	450	871	1847	78	5100 x 2150 x 2250	6350	DN125
	1			804	1704				
DRF480	0.8	355	480	1007	2135	79	5100 x 2150 x 2250	6380	DN125
	1			890	1887				
DRF151	0.7	110	150	370	784	78	2880 x 1754 x 1930	3140	DN80
	0.8			337	713				
	1			312	660				
DRF181	0.7	132	180	433	918	78	2880 x 1754 x 1930	3230	DN80
	0.8			412	872				
	1			378	801				
DRF221	0.7	160	220	515	1091	80	3502 x 1754 x 1983	3640	DN100
	0.8			483	1024				
	1			445	943				
DRF341	0.8	250	340	705	1495	77	4800 x 2150 x 2250	5460	DN125
	1			656	1391				

## Water cooled

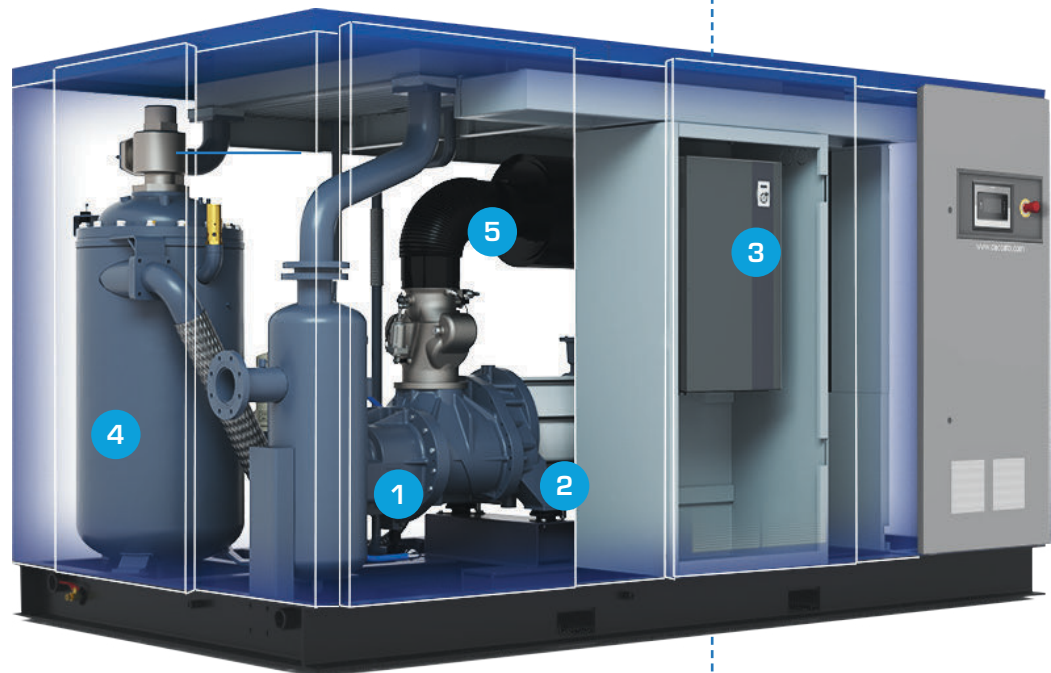
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Energy takes up more than 70% of the cost of owning and operating a compressor room. Ceccato's variable speed oil-injected screw compressor, DRE 120-180 IVR and DRF 151-340 PM deliver up to 35% energy savings. That means you can earn back your choice in just one to two years. How's that for a financial no-brainer?



### Features

- In-house designed drive train to provides stronger power
- Integrated permanent magnet motor with ultra IE4 efficiency.
- Advanced IoT technology with ICONS built-in, enable your instant monitoring your compressor



- 1 Compression element
- 2 Motor
- 3 Inverter
- 4 Oil separator
- 5 Air filter

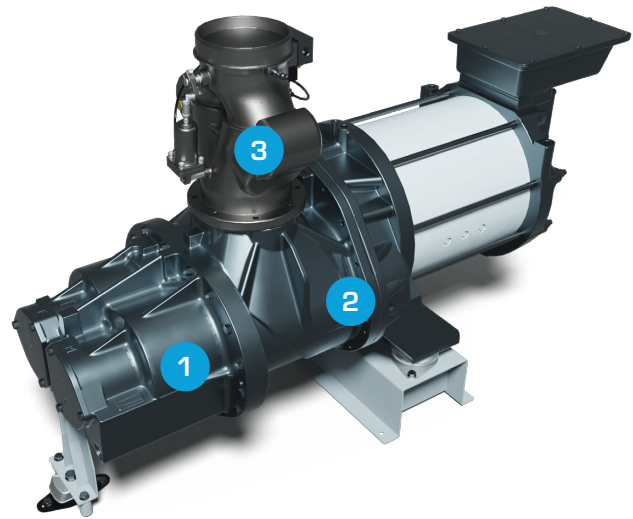
# Revolutionary drive train technology

## Improved energy efficiency saves you money

- In-house designed PM motor with PM premium efficiency.
- New generation screw elements, with improved efficiency.
- Integrated direct drive transmission for minimal losses.
- Smart inlet valve optimizes the inlet flow and improves efficiency.

## Increased reliability extends lifetime

- PM motor rated IP55 and IP66, premium protection against dust and water ingress.
- Optimal cooling at all speeds and conditions thanks to
- oil-cooling principle of the PM motor.



- 1 In-house designed screw
- 2 Direct drive train
- 3 Smart inlet valve

## Air cooled

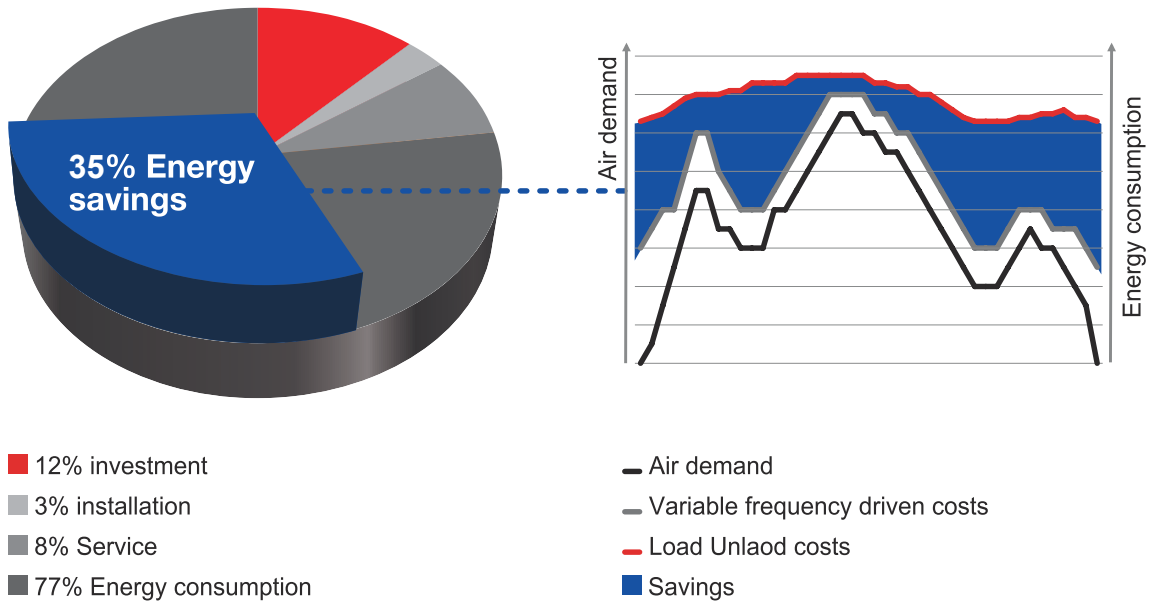
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DRE120 IVR	0.8	90	120	90-266	190-561	79	2259 x 1060 x 1594	1650	G2
	1			71-237	150-500			1650	
DRE150 IVR	0.8	110	150	84-308	177-439	78	2255 x 1230 x 1600	2070	G2
	1			70-265	148-559			2070	
DRE180 IVR	0.8	132	180	104-374	219-789	79	2255 x 1230 x 1600	2330	G2
	1			88-325	186-686			2330	
DRF220 PM	0.7-1	160	220	122-497	258-1063	78	2880 x 1754 x 1930	2890	DN80
DRF270 PM	0.7-1	200	270	140-590	296-1263	80	3602 x 2104 x 2023	4110	DN100
DRF340 PM	0.7-1	250	340	183-703	388-1503	80	3602 x 2104 x 2023	4280	DN100
DRF151 PM	0.7-0.8	110	150	100-385	211-821	78	2880 x 1754 x 1930	2370	DN80
	1			98-317	207-675			2370	
DRF181 PM	0.7-0.8	132	180	100-450	211-960	78	2880 x 1754 x 1930	2410	DN80
	1			98-377	207-802			2410	
DRF221 PM	0.7-0.8	160	220	97-545	209-1161	80	3602 x 2104 x 2023	3260	DN100
	1			97-465	205-990			3260	

## Water cooled

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	1			97-465	205-990			3260	

## We protect your efficiency

Energy costs represent about 70% of the total operating cost of your compressor over a 5 year period. That's 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%.



## Complete your compressed air installation with an ICONS plan

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



### With connectivity

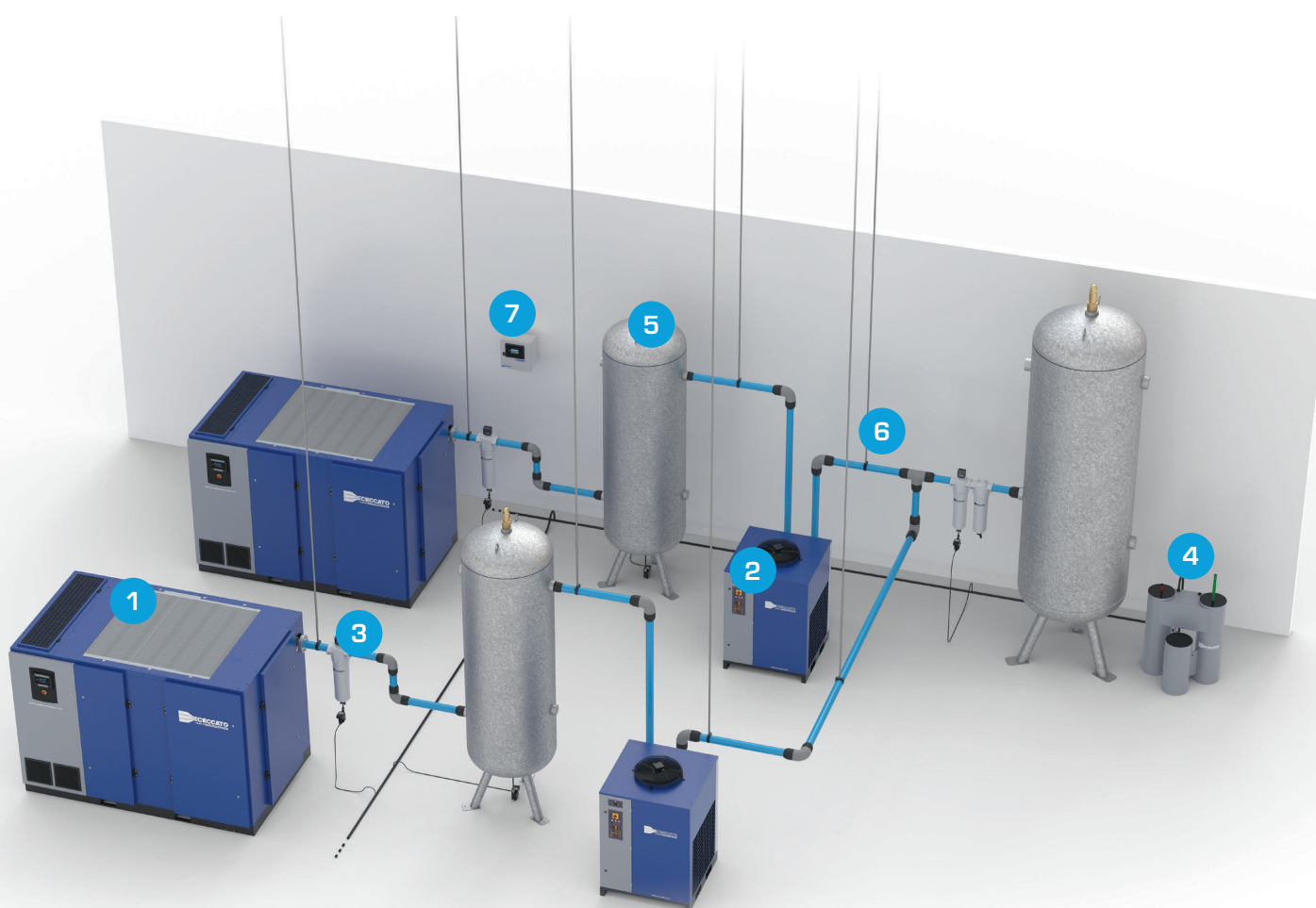


### Without connectivity



# We've got your compressed air covered

Extend the Ceccato reliability and performance throughout your compressed air system.



- 1 Air compressor
- 2 Air dryer
- 3 Line filters
- 4 Oil separators
- 5 Air receiver buffer storage
- 6 Piping system
- 7 Central controller



Contact your local representative:

[www.ceccato.com](http://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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