



ROTARY SCREW COMPRESSORS CSC - CSD - IVR SERIES



TECHNOLOGY YOU CAN TRUST

CSC Rotary Screw Compressors From 40 To 60 HP



ES 3000: electronic controller

Direct-reading for simple compressor management and regulation, "Intelligent Off/On" function reduces power consumption and operating time when empty.

The result:

- Less environmental impact.
- Lower cost of ownership.



Reliability

Thanks to the state of the art design, assembly and selection of the components.

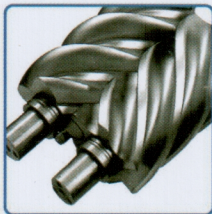
Easy maintenance

As all components requiring normal maintenance are very easy accessible from one side.

Environmentally friendly

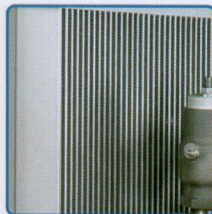
Thanks to its low noise level and the intelligent switching off of the electric motor. High efficiency pumping under any operating conditions, reduced number of revolutions, low noise level and increased reliability.

User benefits



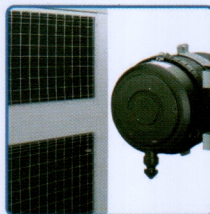
Built to last

Designed for high efficiency and continuous duty under hard working conditions.



High efficiency cooling

Large oversized cooling, designed for demanding conditions.



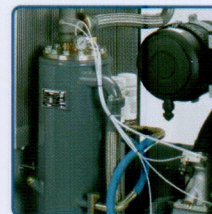
Two stage filtration

Improved double stage intake filtration protects internal components.



Energy saving controller

A unique controller, specially programmed for compressor management and energy saving.



Accessibility of parts

All consumables on same side of the machine, easy to access.

TECHNICAL DATA

Type	Pressure		Power		Flow			Noise	Voltage/Ph	Dimensions			Start	Gas	Kg
	bar	psi	HP	kW	l/min	m ³ /h	cfm			L	W	H			
CSC 40/8	8	116	40	30	5060	304	179	69	220V / 3ph / 60hz 380V / 3ph / 50hz	1100	1365	1510	sds	G1 1/4	820
CSC 40/10	10	145	40	30	4490	269	159	69		1100	1365	1510	sds	G1 1/4	820
CSC 40/13	13	189	40	30	3970	238	140	69		1100	1365	1510	sds	G1 1/4	820
CSC 50/8	8	116	50	37	6310	379	223	70	380V / 3ph / 60hz 400V / 3ph / 50hz 440V / 3ph / 60hz	1100	1365	1510	sds	G1 1/4	840
CSC 50/10	10	145	50	37	5630	338	199	70		1100	1365	1510	sds	G1 1/4	840
CSC 50/13	13	189	50	37	4690	281	166	70		1100	1365	1510	sds	G1 1/4	840
CSC 60/8	8	116	60	45	7580	455	268	71		1100	1365	1510	sds	G1 1/2	970
CSC 60/10	10	145	60	45	6760	406	239	71		1100	1365	1510	sds	G1 1/2	970
CSC 60/13	13	189	60	45	6000	360	212	71		1100	1365	1510	sds	G1 1/2	970

*ASME, ASME+MOM, SQL pressure vessel approval available

CSD Rotary Screw Compressors From 75 To 100 HP

For bigger installations the belt driven CSD range has been designed in order to suit your needs. Compact, easy to install and maintain, the complete range has been designed with an eye on quality and robustness. Perfect alignment of the panels and the possibility to duct and place against a wall are the big advantages of this range.

The result:

- Less environmental impact.
- Lower cost of ownership.

Reliability

Thanks to the state of the art design, assembly and selection of the components.



Environmentally friendly

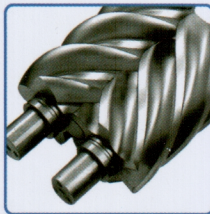
Thanks to its low noise level and the intelligent switching off of the electric motor. High efficiency pumping under any operating conditions, reduced number of revolutions, low noise level, increased reliability.

Energy Saving Controller

A Unique controller, specially programmed for compressor management and energy saving.

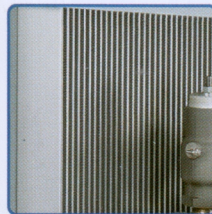


User benefits



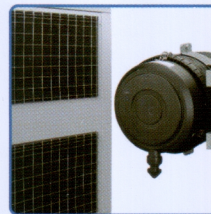
Built to last

Designed for high efficiency and continuous duty under hard working conditions.



High efficiency cooling

Large oversized cooling, designed for demanding conditions.



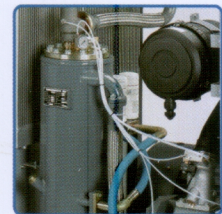
Two stage filtration

Improved double stage intake filtration protects internal components.



Energy saving controller

A unique controller, specially programmed for compressor management and energy saving.

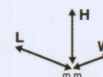


Accessibility of parts

All consumables on same side of the machine, easy to access.

TECHNICAL DATA

Type



bar psi

HP kW

l/min m³/h cfm

dB(A)

V/hz/Ph

L W H

start

gas

Kg

CSD - Rotary screw compressors from 75 to 100 HP

Type	bar	psi	HP	kW	l/min	m ³ /h	cfm	dB(A)	V/hz/Ph	L	W	H	start	gas	Kg
CSD 75/8	8	116	75	55	9960	598	352	71		1100	1955	1790	sds	G1 1/2	1335
CSD 75/10	10	145	75	55	8640	518	305	71	220V / 3ph / 60hz	1100	1955	1790	sds	G1 1/2	1335
CSD 75/13	13	189	75	55	7620	457	269	71	380V / 3ph / 50hz	1100	1955	1790	sds	G1 1/2	1335
CSD 100/8	8	116	100	75	12660	737	434	74	380V / 3ph / 60hz	1100	1955	1790	sds	G1 1/2	1465
CSD 100/10	10	145	100	75	11700	702	413	74	400V / 3ph / 50hz	1100	1955	1790	sds	G1 1/2	1465
CSD 100/13	13	189	100	75	9840	590	347	74	440V / 3ph / 60hz	1100	1955	1790	sds	G1 1/2	1465

*ASME, ASME+MOM, SQL pressure vessel approval available

Variable Speed Screw Compressors From 40 To 100 HP



The Ceccato IVR variable speed compressor series allows you to drastically reduce your operating costs when your compressed air system is not working at full capacity all day long. Basically the inverter reduces the motor speed to match your air consumption, and as a result, you save energy and money. The IVR is great as a stand-alone machine or networked to a load-unload Ceccato compressor where it can function as a master and regulate the air delivery for the whole site.

User benefits



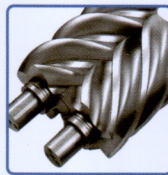
IVR saves money

Our technology reduces the operating cost for your compressed air system by over 20%.



Perfectly matched inverter

Leading inverter brand is perfectly matched to electric motor and air end for maximum energy savings.



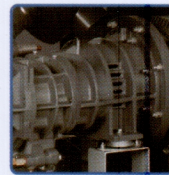
Built to last

Designed for continuous duty and perfectly matched to the inverter speed regulation.



Energy saving controller

A unique control unit, specially programmed to work with the inverter to optimize energy saving.



High efficiency drive system

Coaxial coupling: reliable, efficient, compact and quiet.

TECHNICAL DATA

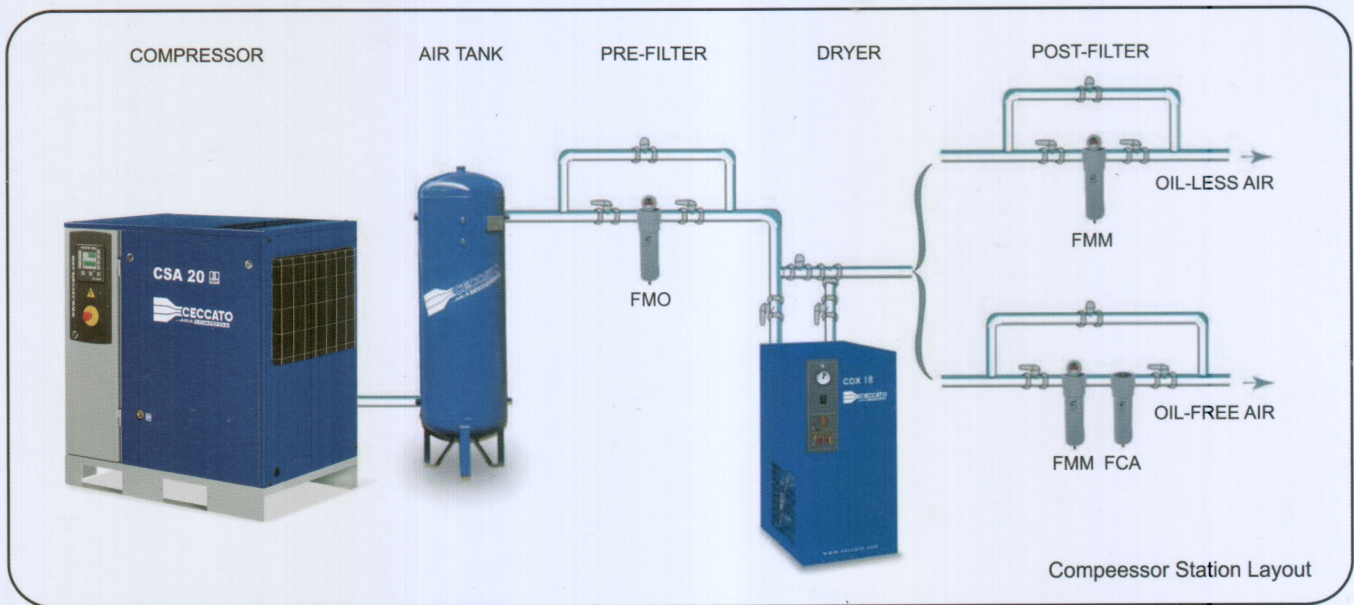
Type	bar	psi	HP	kW	l/min	m ³ /h	cfm	dB(A)	V/hz/Ph	L	W	H	start	gas	Kg	
CSB IVR - Floor standing from 20-30HP																
CSB 20/8 IVR	8	116	20	15	647	39	23	64	220V / 3ph / 60hz 380V / 3ph / 50hz 380V / 3ph / 60hz 400V / 3ph / 50hz 440V / 3ph / 60hz	1330	780	1220	IVR	G1	415	
CSB 20/10 IVR	10	145	20	15	2156	129	76	64		1330	780	1220	IVR	G1	415	
CSB 25/8 IVR	8	116	25	18,5	1986	119	70	68		1330	780	1220	IVR	G1	445	
CSB 25/10 IVR	10	145	25	18,5	816	49	29	68		1330	780	1220	IVR	G1	445	
CSB 30/8 IVR	8	116	30	22	2720	163	96	68		1330	780	1220	IVR	G1	465	
CSB 30/10 IVR	10	145	30	22	766	46	27	68		1330	780	1220	IVR	G1	465	
CSC IVR - Floor standing from 40 to 60 HP																
CSC 40/8 IVR	8	116	40	30	1442	87	51	69	220V / 3ph / 60hz 380V / 3ph / 50hz 380V / 3ph / 60hz 400V / 3ph / 50hz 440V / 3ph / 60hz	1100	1365	1750	IVR	G 1 1/4	1030	
CSC 40/10 IVR	10	145	40	30	4807	288	170	69		1100	1365	1750	IVR	G 1 1/4	1030	
CSC 50/8 IVR	8	116	50	37	1280	77	45	70		1100	1365	1750	IVR	G 1 1/4	1100	
CSC 50/10 IVR	10	145	50	37	4266	256	151	70		1100	1365	1750	IVR	G 1 1/4	1100	
CSC 60/8 IVR	8	116	60	45	1798	108	64	71		1100	1365	1750	IVR	G 1 1/2	1250	
CSC 60/10 IVR	10	145	60	45	5995	360	212	71		1100	1365	1750	IVR	G 1 1/2	1250	
CSD IVR - Floor standing from 75 to 100 HP																
CSD 75/8 IVR	8	116	75	55	1605	96	57	70	220V / 3ph / 60hz 380V / 3ph / 50hz 380V / 3ph / 60hz 400V / 3ph / 50hz 440V / 3ph / 60hz	1100	1955	1790	IVR	G 1 1/2	1720	
CSD 75/10 IVR	10	145	75	55	5349	321	189	70		1100	1955	1790	IVR	G 1 1/2	1720	
CSD 100/8 IVR	8	116	100	75	2160	130	76	71		1100	1955	1790	IVR	G 1 1/2	1800	
CSD 100/10 IVR	10	145	100	75	7201	432	264	71		1100	1955	1790	IVR	G 1 1/2	1800	
DRE IVR-Floor standing from 125 to 180 HP																
DRE 125/8 IVR	8	116	125	90	1927	116	68	79	380V / 3ph / 50hz 400V / 3ph / 50hz 415V / 3ph / 50hz For other voltages, please contact us.	2400	1600	2080	IVR	DN65	2250	
DRE 125/10 IVR	10	145	125	90	6422	385	227	79		2400	1600	2080	IVR	DN65	2250	
DRE 150/8 IVR	8	116	150	110	15960	958	564	79		2400	1600	2080	IVR	DN65	2350	
DRE 150/10 IVR	10	145	150	110	4270	256	151	79		2400	1600	2080	IVR	DN65	2350	
DRE 180/8 IVR	8	116	180	110	13410	805	474	79		2400	1600	2080	IVR	DN65	2350	
DRE 180/10 IVR	10	145	180	110	3430	206	121	79		2400	1600	2080	IVR	DN65	2350	
					18630	1118	658	79								
					5130	308	181	79								

*Different frequencies and voltages available
*Sizes and weights without packaging

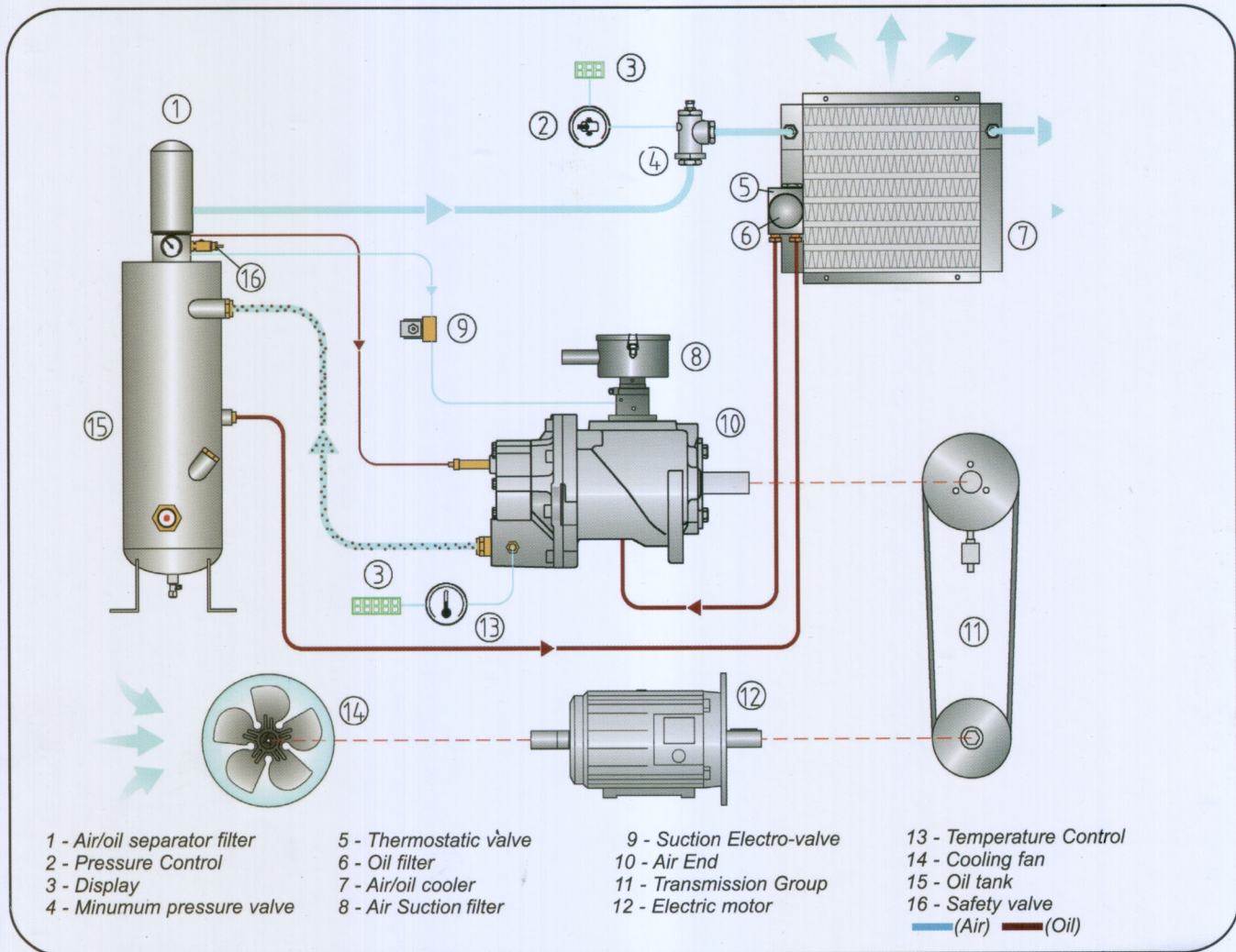
Our products are under constant development. We therefore reserve the right to make any product changes deemed necessary.

Installation • Operations Diagram

Installation



Operations Diagram





Design, Manufacture, Sales and
Service of air compressors, air dryers
and air filters.



The manufacturer reserves the right to make any change to the products in order to improve.

