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ROTARY SCREW COMPRESSORS CSA - CSB SERIES



TECHNOLOGY YOU CAN TRUST

CSA - Rotary Screw Compressors From 7,5 To 20 HP

Designed to produce low noise.

Efficient noise traps and careful study of air flows have allowed obtaining results well beyond expectations.

Easy maintenance Ordinary maintenance requires removing only two panels for changing oil and filters. The belts are quickly replaced and/or adjusted by removing only one panel.

CSA Base

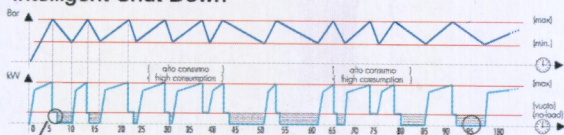
A layout where everything is rational. The particular care paid to resolving air circulation problems inside the machine and the use of absolutely reliable components has allowed obtaining optimal performance from an excellent screw air end.



Energy savings with "Intelligent Shut-down"

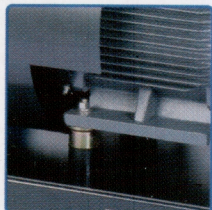
Regulation with the ES3000 controller allows the user to considerably reduce electrical energy consumption in the no-load phase, through the "intelligent shut down" feature, by automatically calculating, cycle by cycle, the minimum no-load functioning time, based on air consumption and the maximum number of start-ups per hour programmed.

Intelligent Shut Down



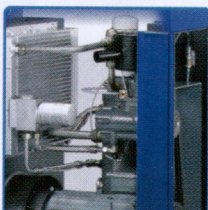
Periods of variable no-load operation as a function of consumption = Energy savings

User benefits



Low noise levels

Insulation foam, deflectors and anti-vibration pads assure low noise levels.



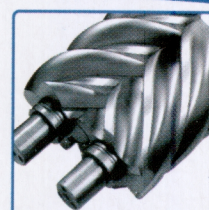
Easy and fast maintenance

Enabled by good positioning of service items: belts, oil and filters.



Energy Saving Controller

A unique control unit, specially programmed for energy saving.



Built to last

Designed for continuous duty and very hard working conditions.

TECHNICAL DATA

Type	Pressure		Power		Flow			Noise	Voltage/Freq	Dimensions			Start	Gas	Weight
	bar	psi	HP	kW	l/min	m ³ /h	cfm			L	W	H			
CSA - Floor standing version															
CSA 7,5/8	8	116	7,5	5,5	804	48	28	65	220V / 3ph / 60hz 380V / 3ph / 50hz 380V / 3ph / 60hz 400V / 3ph / 50hz 440V / 3ph / 60hz	980	645	1040	sds	G 3/4	255
CSA 7,5/10	10	145	7,5	5,5	629	38	22	65		980	645	1040	sds	G 3/4	255
CSA 7,5/13	13	189	7,5	5,5	540	32	19	65		980	645	1040	sds	G 3/4	255
CSA 10/8	8	116	10	7,5	1128	68	40	65		980	645	1040	sds	G 3/4	260
CSA 10/10	10	145	10	7,5	1016	61	36	65		980	645	1040	sds	G 3/4	260
CSA 10/13	13	189	10	7,5	785	47	28	65		980	645	1040	sds	G 3/4	260
CSA 15/8	8	116	15	11	1603	96	57	66		980	645	1040	sds	G 3/4	275
CSA 15/10	10	145	15	11	1417	85	50	66		980	645	1040	sds	G 3/4	275
CSA 15/13	13	189	15	11	1166	70	41	66		980	645	1040	sds	G 3/4	275
CSA 20/8	8	116	20	15	1897	114	67	66		980	645	1040	sds	G 3/4	290
CSA 20/10	10	145	20	15	1689	101	60	66		980	645	1040	sds	G 3/4	290
CSA 20/13	13	189	20	15	1476	89	52	66		980	645	1040	sds	G 3/4	290

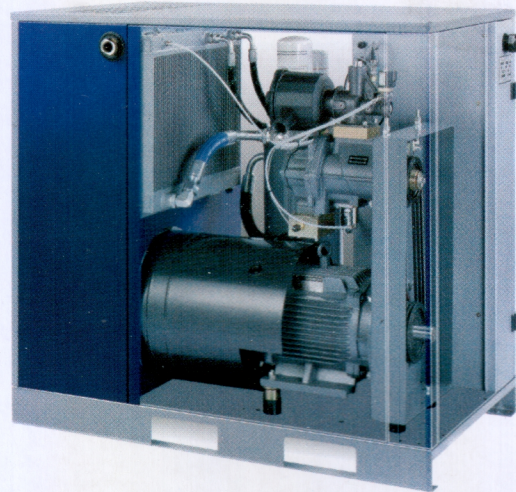
*ASME, ASME+MOM, SQL pressure vessel approval available

CSB - Rotary Screw Compressors From 20 To 40 HP



The CSB range is a modern and up-to-dated rotary oil injected screw compressor that gives a wide range of opportunities. Components have been widely tested and the compressors meet the highest quality standards.

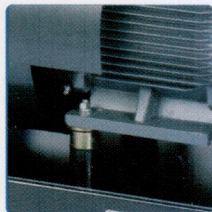
Easy-to-use and simple maintenance together with low noise level are the stronger points of this range. All components are easy to be reached as all panels may be removed easily.



Electronic Control

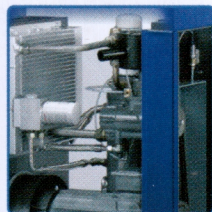
- The ES 3000 controller, which regulates our bigger units, is now also available in the CSB range to:
- reduce energy consumption even more by virtue of its "intelligent cut-in/cut-out function";
 - plan scheduled maintenance operations;
 - improve the unit's performance.

User benefits



Low noise levels

Insulation foam, deflectors and anti-vibration pads assure low noise levels.



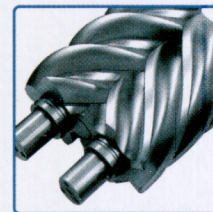
Easy and fast maintenance

Enabled by good positioning of service items: belts, oil and filters.



Energy Saving Controller

A unique control unit, specially programmed for energy saving.



Built to last

Designed for continuous duty and very hard working conditions.

TECHNICAL DATA

Type	Pressure		HP	kW	Flow			dB(A)	V/hz/Ph	Dimensions			start	gas	Kg
	bar	psi			l/min	m ³ /h	cfm			L	W	H			
CSB - Floor standing version															
CSB 20/8	8	116	20	15	2269	136	80	64	220V / 3ph / 60hz 380V / 3ph / 50hz 380V / 3ph / 60hz 400V / 3ph / 50hz 440V / 3ph / 60hz	1330	780	1220	sds	G 1	400
CSB 20/10	10	145	20	15	2091	125	74	64		1330	780	1220	sds	G 1	400
CSB 20/13	13	189	20	15	1654	99	58	64		1330	780	1220	sds	G 1	400
CSB 25/8	8	116	25	18,5	2863	172	101	68		1330	780	1220	sds	G 1	430
CSB 25/10	10	145	25	18,5	2688	161	95	68		1330	780	1220	sds	G 1	430
CSB 25/13	13	189	25	18,5	2186	131	77	68		1330	780	1220	sds	G 1	430
CSB 30/8	8	116	30	22	3404	204	120	68		1330	780	1220	sds	G 1	450
CSB 30/10	10	145	30	22	3011	181	107	68		1330	780	1220	sds	G 1	450
CSB 30/13	13	189	30	22	2633	158	93	68		1330	780	1220	sds	G 1	450
CSB 40/8	8	116	40	30	3995	240	141	69		1330	780	1220	sds	G 1	500
CSB 40/10	10	145	40	30	3558	213	126	69		1330	780	1220	sds	G 1	500
CSB 40/13	13	189	40	30	2953	177	104	69		1330	780	1220	sds	G 1	500

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

CSA/CSB Rotary Screw Compressors With Tank + Dryer From 7,5 To 40 HP



CSA/CSB Tank

The CSA/CSB Tank Version is a rotary screw compressor mounted on a tank that is completely preassembled and tested on the assembly line.

Silenced oil injected rotary screw compressor. Compressed air receiver with pressure stabilization function and condensate separator.

The receiver rests on a structure that allows for easy handling.

Installation is extremely simple:

Just position the machine, connect the air output to the air distribution network and make the electrical connection.

TECHNICAL DATA

Type																		
	litres	bar	psi	HP	kW	kw	l/min	m ³ /h	cfm	dB(A)	V/hz/Ph	Refrigerants	L	W	H	start	gas	Kg

CSA TANK - 500L Tank Version

CSA 7,5/8	500L	8	116	7,5	5,5	0,61	804	48	28	65	220V / 3ph / 60hz 380V / 3ph / 50hz 380V / 3ph / 60hz 400V / 3ph / 50hz	R404a	2000	645	1830	sds	G 3/4	545
CSA 7,5/10	500L	10	145	7,5	5,5	0,61	629	38	22	65		R404a	2000	645	1830	sds	G 3/4	545
CSA 7,5/13	500L	13	189	7,5	5,5	0,61	540	32	19	65		R404a	2000	645	1830	sds	G 3/4	545
CSA 10/8	500L	8	116	10	7,5	0,61	1128	68	40	65		R404a	2000	645	1830	sds	G 3/4	550
CSA 10/10	500L	10	145	10	7,5	0,61	1016	61	36	65		R404a	2000	645	1830	sds	G 3/4	550
CSA 10/13	500L	13	189	10	7,5	0,61	785	47	28	65		R404a	2000	645	1830	sds	G 3/4	550
CSA 15/8	500L	8	116	15	11	0,67	1603	96	57	66		R404a	2000	645	1830	sds	G 3/4	615
CSA 15/10	500L	10	145	15	11	0,67	1417	85	50	66		R404a	2000	645	1830	sds	G 3/4	615
CSA 15/13	500L	13	189	15	11	0,67	1166	70	41	66		R404a	2000	645	1830	sds	G 3/4	615
CSA 20/8	500L	8	116	20	15	0,67	1897	114	67	66		R404a	2000	645	1830	sds	G 3/4	630
CSA 20/10	500L	10	145	20	15	0,67	1689	101	60	66	R404a	2000	645	1830	sds	G 3/4	630	
CSA 20/13	500L	13	189	20	15	0,67	1476	89	52	66	R404a	2000	645	1830	sds	G 3/4	630	

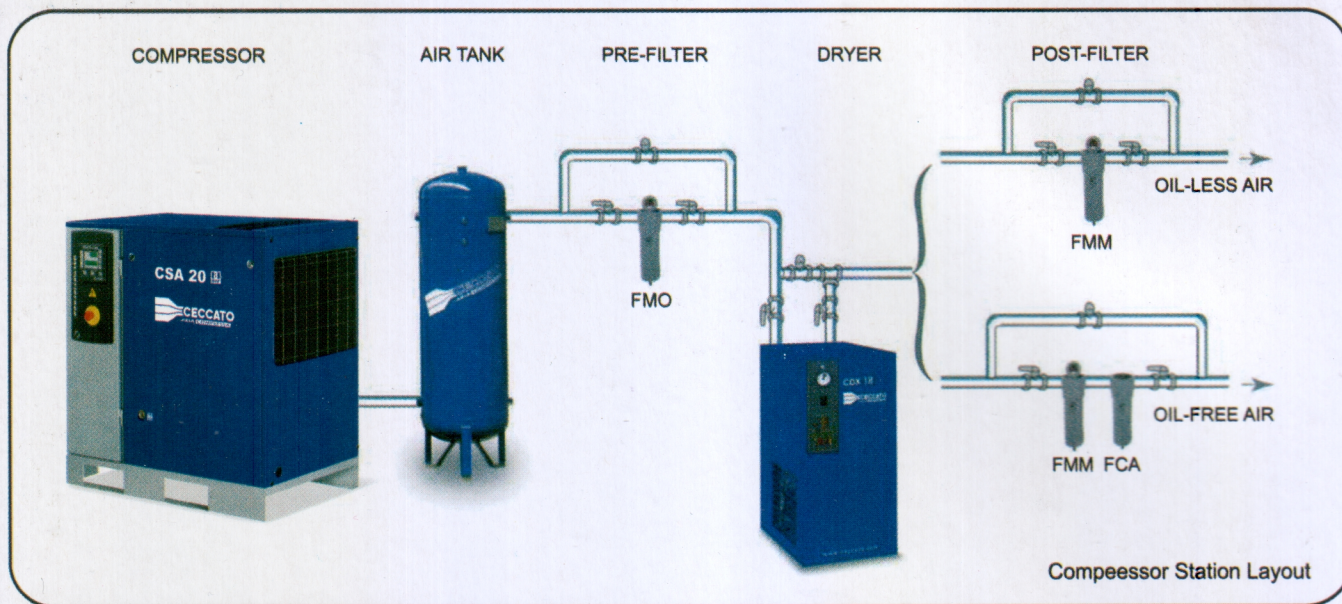
CSB TANK - 560L Tank Version

CSB 20/8	560L	8	116	20	15	0,87	2269	136	80	64	220V / 3ph / 60hz 380V / 3ph / 50hz 380V / 3ph / 60hz 400V / 3ph / 50hz	R404a	1700	780	2010	sds	G 1	790
CSB 20/10	560L	10	145	20	15	0,87	2091	125	74	64		R404a	1700	780	2010	sds	G 1	790
CSB 20/13	560L	13	189	20	15	0,87	1654	99	58	64		R404a	1700	780	2010	sds	G 1	790
CSB 25/8	560L	8	116	25	18,5	0,87	2863	172	101	68		R404a	1700	780	2010	sds	G 1	800
CSB 25/10	560L	10	145	25	18,5	0,87	2688	161	95	68		R404a	1700	780	2010	sds	G 1	800
CSB 25/13	560L	13	189	25	18,5	0,87	2186	131	77	68		R404a	1700	780	2010	sds	G 1	800
CSB 30/8	560L	8	116	30	22	1,07	3404	204	120	68		R404a	1700	780	2010	sds	G 1	830
CSB 30/10	560L	10	145	30	22	1,07	3011	181	106	68		R404a	1700	780	2010	sds	G 1	830
CSB 30/13	560L	13	189	30	22	1,07	2633	158	93	68		R404a	1700	780	2010	sds	G 1	830
CSB 40/8	560L	8	116	40	30	1,07	3995	240	141	69		R404a	1700	780	2010	sds	G 1	870
CSB 40/10	560L	10	145	40	30	1,07	3558	213	126	69	R404a	1700	780	2010	sds	G 1	870	
CSB 40/13	560L	13	189	40	30	1,07	2953	177	104	69	R404a	1700	780	2010	sds	G 1	870	

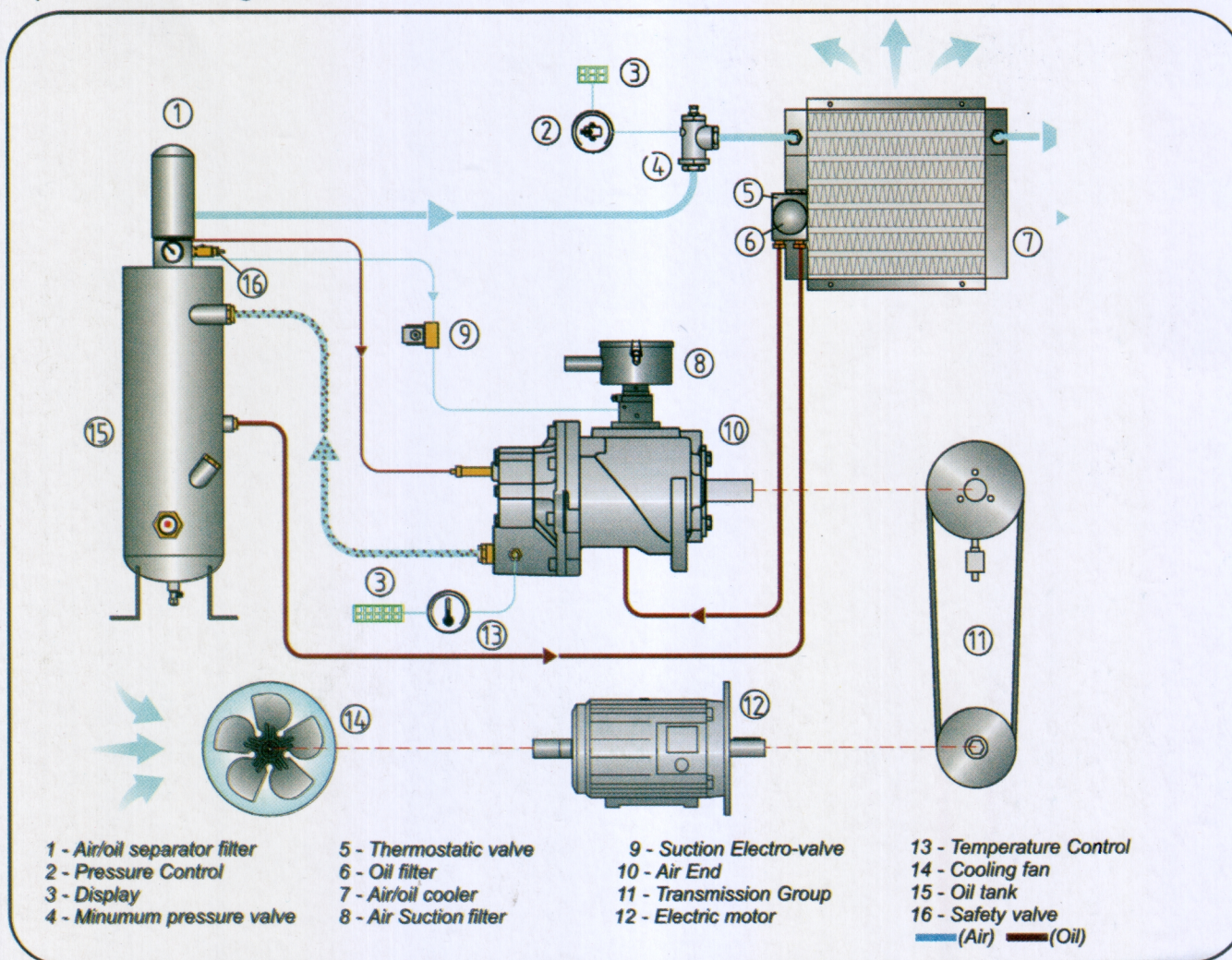
*ASME, ASME+MOM, SQL pressure vessel approval available

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.



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