

AirSCREW

Chillers of this series provide best energy efficiency and reliability. Screw compressors installed in the chillers of the AirSCREW series are designed specifically for using environmentally friendly refrigerant R134a, capable of maintaining accurate cooling capacity according to the current requirements of the system, even with large fluctuations in thermal load.

The condensers in the AirSCREW series has a modular design, which allows gradually turn off the fans with a drop in the current heat load, which significantly increases the coefficient of seasonal energy efficiency. The microprocessor controller provides fully Autonomous control of all units of the refrigeration machine, regulates the parameters of operation, monitors alarms and interacts with external devices.

Areas of application: manufacture of plastic products, food and beverage production, automotive industry, manufacture of chemicals and medicines, mechanical engineering.



Model	170.1	190.1	200.1	220.1	240.1	280.1	300.1	350.1	410.1
Cooling capacity, kW	168	193	194	219	236	273	301	347	405
Power input, kW	55	64	61	69	77	90	100	115	128
EER	3,05	3,02	3,17	3,19	3,05	3,03	3,02	3,01	3,16
Compressors//circuits	1//1	1//1	1//1	1//1	1//1	1//1	1//2	1//1	1//2
Sound power, dBA	86	86	86	86	92	92	91	91	91
Sound pressure, dBA	58	58	58	58	64	64	63	63	63
Length/Width/Height, m	2,44/ /2,22/ /2,30	2,44/ /2,22/ /2,30	2,42/ /2,22/ /2,30	2,42/ /2,22/ /2,30	2,42/ /2,22/ /2,30	2,42/ /2,22/ /2,30	3,63/ /2,22/ /2,30	3,63/ /2,22/ /2,30	4,84/ /2,22/ /2,30

Model	460.1	540.1	600.1	340.2	380.2	460.2	540.2	600.2	680.2
Cooling capacity, kW	456	535	600	334	380	466	540	600	686
Power input, kW	145	171	191	110	127	154	180	200	230
EER	3,14	3,13	3,15	3,03	2,99	3,02	3,00	3,01	2,98
Compressors//circuits	1//1	1//1	1//1	2//2	2//2	2//2	2//2	2//2	2//2
Sound power, dBA	91	93	93	89	89	95	95	94	94
Sound pressure, dBA	63	65	65	61	61	67	67	66	66
Length/Width/Height, m	4,84/ /2,22/ /2,30	6,10/ /2,22/ /2,30	6,10/ /2,22/ /2,30	3,63/ /2,22/ /2,30	3,63/ /2,22/ /2,30	4,84/ /2,22/ /2,30	4,84/ /2,22/ /2,30	6,10/ /2,22/ /2,30	6,10/ /2,22/ /2,30

Model	750.2	830.2	920.2	950.2	1080.2	1190.2	1280.2	1330.2	1380.2
Cooling capacity, kW	749	828	914	946	1072	1188	1282	1331	1380
Power input, kW	243	260	291	303	342	380	426	439	452
EER	3,08	3,19	3,15	3,12	3,13	3,13	3,01	3,03	3,05
Compressors//circuits	2//2	2//2	2//2	2//2	2//2	2//2	2//2	2//2	2//2
Sound power, dBA	94	94	94	95	95	96	99	100	100
Sound pressure, dBA	66	66	66	67	67	68	71	72	72
Length/Width/Height, m	8,49/ /2,22/ /2,30	8,49/ /2,22/ /2,30	8,49/ /2,22/ /2,30	9,72/ /2,22/ /2,30	9,72/ /2,22/ /2,30	10,94/ /2,22/ /2,30	12,16/ /2,22/ /2,30	13,38/ /2,22/ /2,30	13,38/ /2,22/ /2,30

✱ According to Eurovent LCP/A/P/C/AC standard, Tin/Tout water 12/7 °C, outside air = 35 °C

