



## BE/SRH

2002 - 7204

### UNIT DESCRIPTION

This series of chillers, with condensation by cooling tower or well water, equipped with multiple semi-hermetic screw compressors, are suitable for use in medium/large size air conditioning or process cooling. Especially noteworthy is the possibility, in models with heat recovery, of having hot water during operation as chiller. They are particularly compact units with all their components easily accessible. They are built for indoor application.

### MODELS

- BE/SRH** This range of units features cooling only.
- BE/SRHD** Water cooled liquid chillers with partial heat recovery.
- BE/SRHR** Water cooled liquid chillers with total heat recovery.

### STANDARD UNIT COMPOSITION

- Supporting structure made of galvanized epoxy powder coated steel with high thickness.
- Semi-hermetic screw compressors.
- Thermally insulated shell and tube type evaporator.
- Shell and tube type condenser, accessible for inspection.
- Thermally insulated shell and tube type desuperheater (BE/SRHD).
- Expansion valves. Dryer filters. Sight glass. Liquid line solenoid valves.
- Electrical power and control panel complying with EN 60204-1/IEC 204-1 standards and interlock door mains isolator.
- Microprocessor control system.
- Non-freezing oil charge and refrigerant charge.
- General testing and operational test carried out in the factory in accordance with European Standard EN 12055.

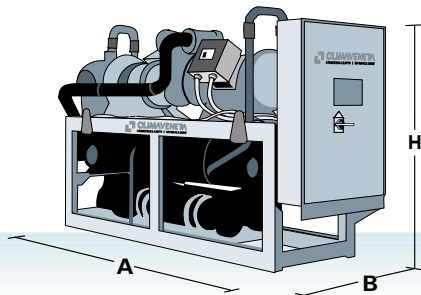


## GENERAL TECHNICAL DATA

R407c  
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MODELS			2002	2202	2402	2702	3002	3302	3602	4004	4204	4404
<b>BE / SRH</b>												
Cooling capacity	①	kW	610	674	751	841	950	1055	1141	1220	1279	1349
Power input	①	kW	167	182	198	216	243	273	300	334	348	364
Heating capacity	①	kW	767	845	938	1044	1178	1312	1424	1533	1606	1691
<b>BE / SRHR</b>												
Cooling capacity	②	kW	546	604	671	-	-	-	-	-	-	-
Power input	②	kW	201	219	239	-	-	-	-	-	-	-
Heating capacity	②	kW	735	810	895	-	-	-	-	-	-	-
<b>BE / SRHD</b>												
Cooling capacity	③	kW	633	700	780	873	985	1095	1184	1265	1327	1399
Power input	③	kW	161	176	191	208	235	263	290	322	336	351
Heating capacity	③	kW	138	151	164	179	202	226	249	277	289	302
<b>OPERATING WEIGHT</b>												
BE/SRH		Kg.	4070	4100	4160	4650	4880	5060	5230	8130	8180	8230
BE/SRHD		Kg.	4220	4260	4330	4820	5100	5285	5460	8440	8490	8545
BE/SRHR		Kg.	4930	5060	5215	-	-	-	-	-	-	-
<b>DIMENSIONS</b>												
BE / SRH / D / R	A ④	mm	3920	3920	3920	3920	3920	3920	3920	3920	3920	3920
BE / SRH / D / R	B ④	mm	1300	1300	1300	1300	1300	1300	1300	2250	2250	2250
BE / SRH / D / R	H	mm	2300	2300	2300	2300	2300	2300	2300	2300	2300	2300

MODELS			4604	4804	5104	5404	5704	6004	6304	6604	6904	7204
<b>BE / SRH</b>												
Cooling capacity	①	kW	1441	1501	1603	1681	1819	1899	1985	2111	2197	228
Power input	①	kW	381	396	406	432	461	487	515	545	573	601
Heating capacity	①	kW	1799	1873	1985	2086	2252	2357	2468	2623	2736	2847
<b>BE / SRHR</b>												
Cooling capacity	②	kW	-	-	-	-	-	-	-	-	-	-
Power input	②	kW	-	-	-	-	-	-	-	-	-	-
Heating capacity	②	kW	-	-	-	-	-	-	-	-	-	-
<b>BE / SRHD</b>												
Cooling capacity	③	kW	1495	1557	1663	1744	1887	1970	2059	2190	2279	2368
Power input	③	kW	368	382	392	416	445	470	497	526	553	580
Heating capacity	③	kW	316	329	337	358	383	404	427	453	476	499
<b>OPERATING WEIGHT</b>												
BE/SRH		Kg.	8330	8370	9080	9300	9510	9750	9870	10120	10240	10350
BE/SRHD		Kg.	8645	8690	9410	9640	9845	10180	10300	10560	10675	10800
BE/SRHR		Kg.	-	-	-	-	-	-	-	-	-	-
<b>DIMENSIONS</b>												
BE / SRH / D / R	A ④	mm	3920	3920	3920	3920	3920	3920	3920	3920	3920	3920
BE / SRH / D / R	B ④	mm	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250
BE / SRH / D / R	H	mm	2300	2300	2300	2300	2300	2300	2300	2300	2300	2300



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① <b>Data referred to:</b> Chilled water 12/7 °C Condenser water 30/35 °C	④ <b>Free areas required:</b> Condensing coil side minimum 450 mm
② <b>Data referred to:</b> Chilled water 12/7 °C Hot water (recovery) 40/45 °C	Water connection condenser side 900/2200 mm
③ <b>Data referred to:</b> Chilled water 12/7 °C Hot water (desuperheater) 40/45 °C Condenser water 30/35 °C	Opposite side to condens water connection 600 mm Electrical panel side 650 mm

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