

Slim SCA 6411-8711

Air Cooled portable Chiller

1 or 2 x scroll compressors, 1 x refrigerant circuit

Cooling capacity: from 63,9 to 87,2 kW

Benefits:

- **Flexible functioning:** ambient air temperatures up to +40°C
- **Reduced energy absorption and lower noise levels:** scroll compressors
- **High efficient heat exchange:** stainless steel brazed plate evaporator
- **Optimal flow:** internal water circulation pump
- **Temperature stability and low thermal dispersion:** internal stainless steel and insulated tank open type in order to discharge the air inside the circuit during the production changing
- **Eco-compatible:** green refrigerant R410A with high cooling capacity



The **SLIM Series** of portable chillers provide low temperature water independent from any ambient condition. The range, designed for application in all the industrial sectors, assures maximum flexibility and energy efficient functioning.

Safe functioning: high and low pres-

sure switches, high and low pressure gauges, metal filters on condensers. The **microprocessor control** displaying key water temperature and alarms.

Simplified installation, reduced footprint and quick startup operations.

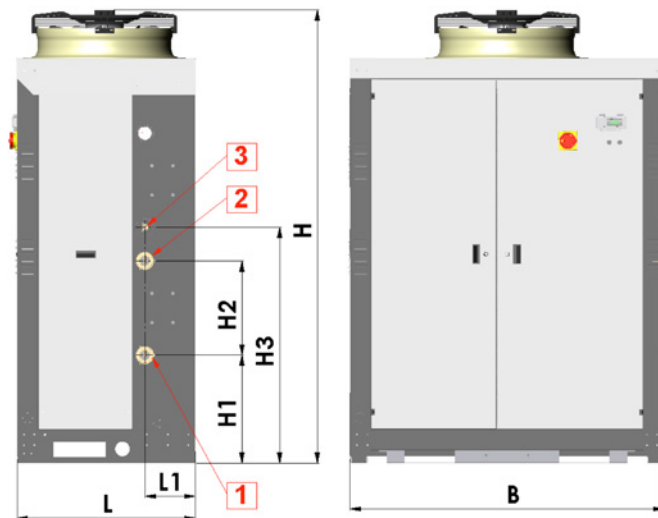
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Options:

- Overflow security kit
- Serial interface Modbus
- Acoustic alarm with lamp
- Hot gas by-pass for extremely precise water temperature
- Mechanical water filter
- Outdoor version



- 1- Inlet water
2- Outlet water
3- Water supply

TECHNICAL DATA		SCA 6411	SCA 8521	SCA 8711
Cooling capacity *	Kcal/h	54.954	73.272	74.992
	kW	63,9	85,2	87,2
Absorbed power *	kW	19,9	20,7	20,1
Cooling capacity **	Kcal/h	36.270	48.332	49.495
	kW	42,2	56,2	57,5
Absorbed power **	kW	15,8	21,5	22,2
Max Absorbed power with low pressure pump	kW	22,02	30.01	28,74
Max Load current with low pressure pump	A	38,3	54.2	49,2
Max Absorbed power with middle pressure pump	kW	21,77	30.56	29,29
Max Load current with middle pressure pump	A	37,7	54.8	49,8
Max Absorbed power with high pressure pump	kW	23,77	34.61	33,34
Max Load current with high pressure pump	A	40,9	61.2	57,0
Water Pump Low Pressure	m³/h	4,8 – 15	4.8 – 15	4,8 – 15
	bar	3,1 – 2,3	3.1 – 2.3	3,1 – 2,3
	kW	1,5	1.5	1,5
Water Pump Middle Pressure	m³/h	3,6 – 15	3.6 – 15	3,6 – 15
	bar	4,4 – 1,1	6.6 – 1.7	6,6 – 1,7
	kW	1,5	2.2	2,2
Water Pump High Pressure	m³/h	3,6 – 12,6	0 – 18	0 – 18
	bar	6,2 – 4,9	7.0 – 5.8	7,0 – 5,8
	kW	3,0	5.5	5,5
Compressors (scroll type)	n°	1	2	1
Fans	n°	1	1	1
	m³/h	16.500	16.800	16.800
	kW	2.3	2.3	2.3
Water connections in/out (threaded)	gas	1"-1/2 Female	1"-1/2 Female	1"-1/2 Female
Weight	Kg	630	650	650
Dimensions (mm)	B	1500	1500	1500
	L	850	850	850
	H	2050	2050	2050
	L1	240	240	240
	H1	515	515	515
	H2	450	450	450
	H3	1125	1125	1125

* Data are referred for a machine 400/3/50Hz - R410A - working in the following conditions: water evaporator out 15°C - ambient temp 25°C

** Data are referred for a machine 400/3/50Hz - R410A - working in the following conditions: water evaporator out 7°C - ambient temp 35°C