

# Slim SCA 6411-8711

*Portable energy efficient chillers*

## **Benefits**

- Reduced energy utilisation.
- Reliability and efficiency in temperature control.
- Easy to install and to maintain.
- Compact.
- Suitable also for outdoor installation.
- Extended compressor life.



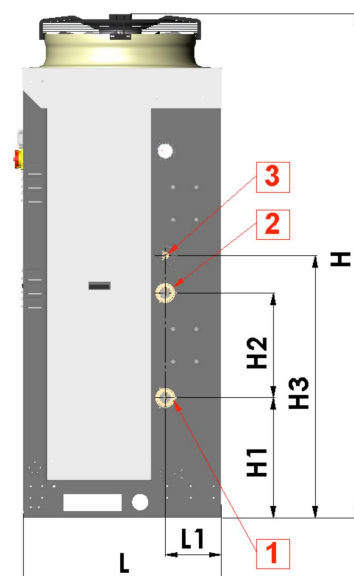
Injection moulding processes require more and more accurate control and stable conditions. The Slim line of chillers were also

developed to make sure the variations in temperature at the utilities are minimal.

# PIOVAN

*Customers. The core of our innovation*

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	m <sup>3</sup> /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	m <sup>3</sup> /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	m <sup>3</sup> /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 - R410A)	n°	1	2	1
Fans	n°	1	1	1
	m <sup>3</sup> /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



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



\* Data are referred for a machine 400/3/50Hz - R410a - working in the following conditions: water at evaporator 15°C - ambient temp 25°C

\*\* Data are referred for a machine 400/3/50Hz - R410a - working in the following conditions: water at evaporator 7°C - ambient temp 35°C

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