

Slim SCA 1911-4311

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.



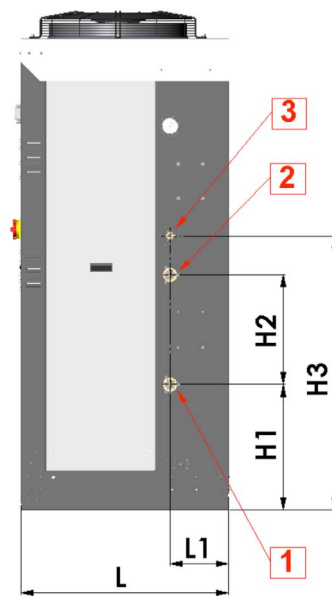
Injection moulding processes require more and more accurate control and stable conditions. The Slim line of chillers were also

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

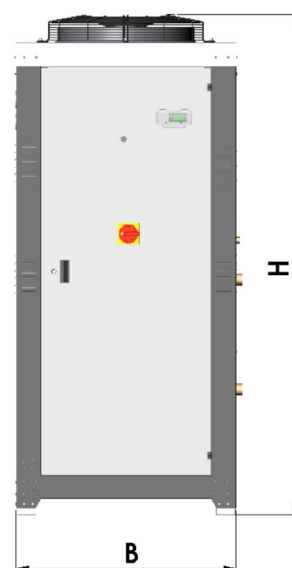
PIOVAN

Customers. The core of our innovation

TECHNICAL DATA		SCA 1911	SCA 3211	SCA 4311
Cooling capacity *	Kcal/h	16.340	27.606	36.722
	kW	19,0	32,1	42,7
Absorbed power *	kW	4,02	6,85	9,28
Cooling capacity **	Kcal/h	10.784	16.942	22.274
	kW	12,54	21,19	28,1
Absorbed power **	kW	4,36	7,30	9,71
Max Power inst, Low pressure pump	kW	7,06	11,92	15,45
Max load current Low pressure pump	A	12,6	22,0	27,6
Max Power inst, Middle pressure pump	kW	7,24	11,89	15,55
Max load current Middle pressure pump	A	12,9	22,9	27,8
Max Power inst, High pressure pump	kW	8,26	13,04	16,7
Max load current High pressure pump	A	14,6	24,7	29,6
Water Pump Low Pressure	m ³ /h	1,2 – 4,8	1,2 – 6,6	3,0 – 9,6
	bar	2,8 – 2,0	3,0 – 1,9	2,9 – 1,9
	kW	0,55	0,75	0,90
Water Pump Middle Pressure	m ³ /h	1,2 – 4,8	2,4 – 9,0	2,4 – 9,0
	bar	3,8 – 2,7	4,2 – 3,0	4,2 – 3,0
	kW	0,75	1,1	1,1
Water Pump High Pressure	m ³ /h	1,2 – 4,8	2,4 – 9,0	2,4 – 9,0
	bar	6,0 – 4,4	5,9 – 4,4	5,9 – 4,4
	kW	1,5	2,2	2,2
Compressors (scroll type - R410A)	n°	1	1	1
Fans	n°	1	1	1
	m ³ /h	5.700	10.200	10.000
	kW	0,46	1,1	1,1
Water connections in/out (Threaded)	gas	1" Female	1"-1/4 Female	1"-1/4 Female
Weight	Kg	320	400	420
Dimensions (mm)	B	900		
	L	850		
	H	2050		
	L1	240		
	H1	515		
	H2	450		
	H3	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

HEADQUARTERS:

Europe: Piovan S.p.A / Tel. +(39) 041 57 99 111 - Fax +(39) 041 57 99 228 - sales@piovan.com

North America: Universal Dynamics Inc. / Tel. +(1) 703 490 7000 - Fax +(1) 703 490 7001 - info@universaldynamics.com

South America: Piovan do Brasil / Tel. +(55) 11 36939500 - Fax +(55) 11 36939515 - piovan@piovan.com.br

Asia: Piovan Asia Pacific / Tel.+(66) 2 694 1090 - Fax +(66) 2 694 1089 - asiapacific@piovan.com

China: Piovan China / Tel. +(86) 512 6732 5312 - Fax +(86) 512 6732 5311- info@piovan.cn

www.piovan.com

