

# Slim SCW 1211-4511

*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.



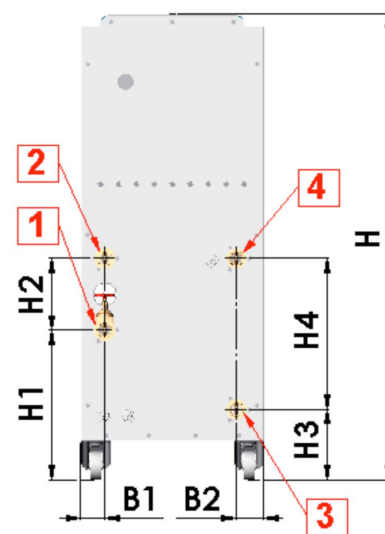
Injection moulding processes require more and more accurate control and stable conditions. The Slim line of chillers were also

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

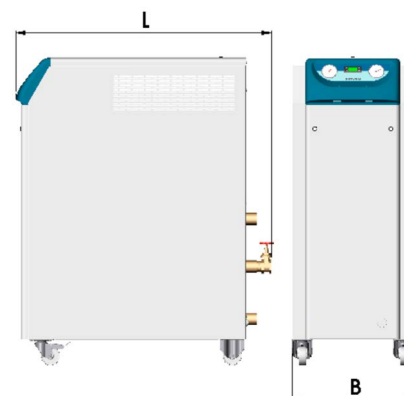
# **PIOVAN**

*Customers. The core of our innovation*

TECHNICAL DATA		SCW 1211	SCW 2111	SCW 3411	SCW 4511
Cooling capacity T evap 20-15°C- Twat cond 30°C	Kcal	10.062	17.458	29.498	38.872
	kW	11,7	20,3	34,3	45,2
Required water flow on condenser	m³/h	2,0	3,6	6,0	8,0
Absorbed power 15°C - 30°C	kW	1,8	3,1	5,4	7,3
Cooling capacity T evap 12-7°C - Twat cond 30°C	Kcal	7.396	13.244	21.956	26.574
	kW	8,6	15,4	25,53	30,9
Required water flow on condenser	m³/h	1,6	2,8	4,7	5,8
Absorbed power 7°C - 30°C	Kw	1,84	3,16	5,28	6,95
Max Power installed with low pressure pump	kW	4,54	6,6	10,13	14,48
Max load current Low pressure pump	A	8,3	11,6	20	26,6
Max Power installed with middle pressure pump	kW	4,72	6,78	10,73	14,39
Max load current Middle pressure pump	A	8,6	11,9	20,9	25,8
Max Power installed with high pressure pump	kW	5,18	7,8	11,88	15,54
Max load current High pressure pump	A	9,5	13,6	22,7	27,6
Water Pump Low Pressure	m³/h	1,2 – 4,8		1,2 – 6,6	4,8 - 15
	bar	2,8 – 2,0		3,0 – 1,9	3,1 – 2,3
	kW	0,55		0,75	1,5
Water Pump Middle Pressure	m³/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	m³/h	1,2 – 4,8	1,2 – 4,8	2,4 – 9	
	bar	5,2 – 3,6	6,0 – 4,4	5,9 – 4,4	
	kW	1,1	1,5	2,2	
Water connections in/out (Threaded - Female)	gas	3/4"	1"	1" 1/4	
Weight	Kg	175	200	240	250
Dimensions (mm)	B	510			
	L	1.075			
	H	1.300			
	B1	67			
	B2	77			
	H1	416			
	H2	200			
	H3	195			
H4	420				



- 1- Inlet process water
- 2- Outlet process water
- 3- Inlet condensing water
- 4- Outlet condensing water



Data are referred for a machine 400/3/50Hz - R410A  
Minimum Condensing water temperature +17°C

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