

Refrigerated water chillers

Consistent electrode tip and secondary circuit temperature is important to weld quality. Changes in temperature can adversely affect weld current. The use of refrigerated chillers is becoming more and more common as manufacturers look to run all production equipment in the most efficient manner.

PW chillers are supplied by IRS, one of the UK's leading refrigeration suppliers - their full expertise is available to all PW customers.

ECA range

		kW cooling capacity	Water volume	Max water flow L/min
Part number	Model #			
WCGECA.001	ECA-001	1.3	20	35
WCGECA.003	ECA-003	3.4	43	40



Chill-Max range

Packaged units for supply to one or more welding machines

		kW cooling capacity	Water volume	Max water flow L/sec
Part number	Model #			
IRSCH-MAX60	60	6	11	16.2
IRSCH-MAX90	90	9	11	24.6
IRSCH-MAX100	100	10	11	29.4
IRSCH-MAX125	125	12	33	35.4
IRSCH-MAX150	150	15	33	43.2
IRSCH-MAX180	180	18	33	52.2
IRSCH-MAX250	250	25	40	70.2
IRSCH-MAX320	320	32	40	90.6
IRSCH-MAX410	410	41	200	116.4
IRSCH-MAX480	480	48	200	138.6



Approx chilling requirements (guide only)

No. of spot welders	Duty in use (combination of metal thickness and welding speed)		
	Low	Med	High
1	2kW	4kW	8kW
2	4kW	8kW	16kW
3	6kW	12kW	24kW

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