



coolenergy

TEMPERATURE RENTAL

HVAC & Process Fluid Pump Range



ABOUT THE PUMP RANGE

Cool Energy's range of fluid pumps are used in conjunction with their rental chillers, air handlers, tanks, heat exchanger and flexible water hoses to provide a reliable flow rate of fluid designed to achieve the required duty.

The final fluid regulation can be managed by the outlet valve on the rental chillers and equipment.

Cool Energy Product Range

Cool Energy can also supply the following equipment:

- Air-cooled rental chiller range from 0.3kW – 1,000kW units.
- Water-cooled rental chiller range from 7.5kW – 1,000kW units.
- Air handling units & fan coils from 5kW – 500kW duties.
- Air conditioning units from 1.3kW – 350kW units.
- Low temperature chillers (-30oC) and fan coils (0oC air off).
- Dehumidifiers (desiccant & electric) 200-10,000m3/hr.
- Generator Power with 20KVA – 800KVA fuel tanks and management.
- Air distribution (flexible ducting and perforated air socks).
- Hot water generators and boilers from 25kW – 500kW units.
- Heating (office/warehouse) from 3kW to 200kW electric/indirect/heat pump.

We also provide full installation, transportation, lifting and monitoring.



TECHNICAL

Standard Range

Suitable for Chiller	Std Pumps	TAE161	TAE351	TAE602	* Hercules	* Phoenix	* FOCS3602
					Aries	FOCS1902	FOCS4222
Pump Model	Lowara	CEA210/5	FHE32 160/22	FHE 40- 160/40	FHS 50- 200/110A	FHS 65- 200/150	FHS 80- 200/220
Design Flow	l/s	4	6	12	19	27.7	50
	l/s Max	5	7.5	13.3	25	34.7	58.3
	l/s Min	2.8	4.7	8.3	16.6	22.2	41.6
	m3/hr Max	18	27	48	90	125	210
	m3/hr Min	10	17	30	60	80	150
Design Pressure	Bar	2.6	2	3	4	3.8	3.5
	Bar Max	2.85	2.3	3.3	4.6	4.2	3.8
	Bar Min	2.2	1.5	1.9	2.8	3.2	2.4
Water Connections	Bauer/ Flange	2	2	2	4	4	4
Power Connection	Cforme 5 pin Plug	16	16	16	32	32	63
Max Current	A	4.82					
Absorbed Power	kW	1.85	2.2	4	11	15	22
	HP	2.5	3	5.5	15	20	30
Physical Data	Skid						
Length	mm	1200	1200	1200	1600	1600	1600
Width	mm	400	400	400	650	650	650
Height	mm	650	650	650	1600	1600	1600
Weight	kg	100	125	150	600	725	725
Sound	1m dB(A)	<70	<70	<70	<70	<70	<70

* Pumps set within Pump Frame

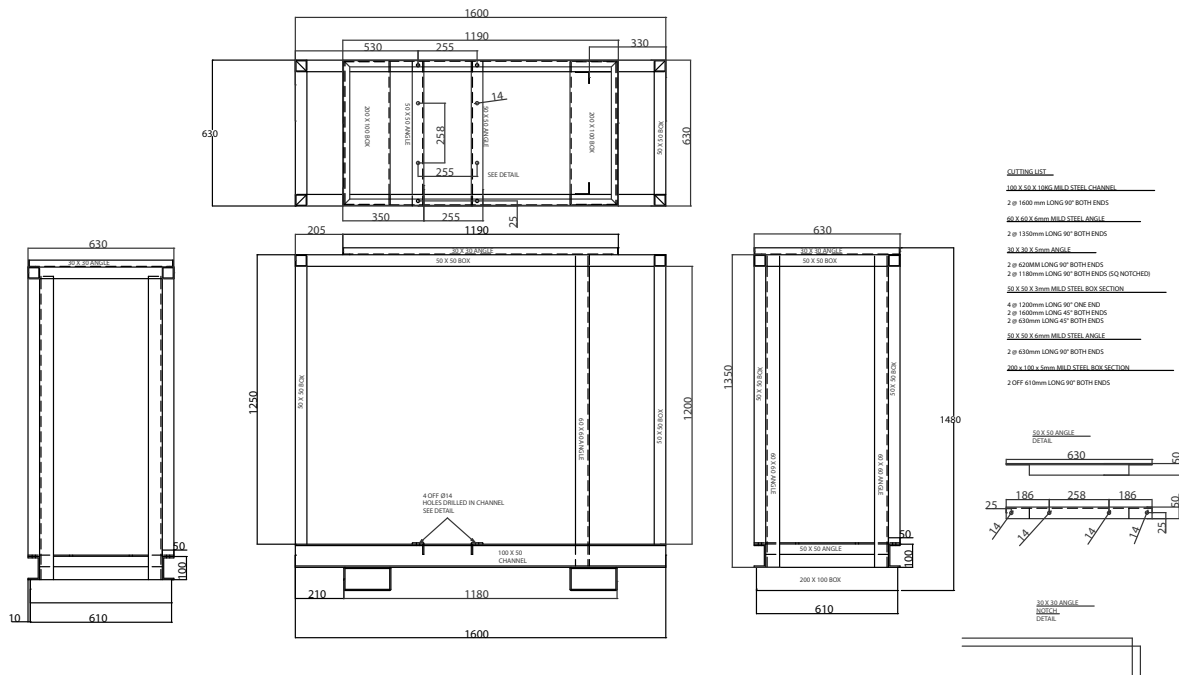
TECHNICAL

High Pressure Range

Suitable for Chiller	High Pressure	TAE161	TAE351	TAE602	* HERCULES	* PHOENIX	* FOCS3602
					ARIES	FOCS1902	FOCS4222
Pump Model	Lowara	CA200/35	FHE32-200/40	FHE40-200/75	FHS 50-250/150	FHS 65-250/220	FHS 80-250/450
Design Flow	l/s	3.2	7	12	19	29	50
	l/s Max	3.5	8.3	13.3	23	38.9	58.3
	l/s Min	2.8	4.7	8.3	16.6	22.2	41.6
	m3/hr Max	12.5	30	48	83	140	210
	m3/hr Min	10	17	30	60	80	150
Design Pressure	Bar	4.2	4.5	4	5	5	6.2
	Bar Max	4.4	3.5	4.2	5.6	5.6	7
	Bar Min	3.6	1.5	2.2	4.2	3.6	5
Water Connections	Bauer/Flange	2	2	2	4	4	4
Power Connection	Cforme 5 pin Plug	16	16	16	32	63	125
Max Current	A	5.3					
Absorbed Power	kW	2.2	4	7.5	15	22	45
	HP	3	5.5	10	20	30	61
Physical Data	Skid						
Length	mm	1200	1200	1200	1600	1600	1600
Width	mm	400	400	400	650	650	650
Height	mm	650	650	650	1600	1600	1600
Weight	kg	100	125	150	600	725	725
Sound	1m dB(A)	<70	<70	<70	<70	<70	<70

* Pumps set within Pump Frame

GA DRAWING



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We also have four locations in Germany, Holland and Switzerland.
Further information on these locations can be found at www.coolenergy.eu

www.coolenergy.co.uk



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Equipment designed to ISO-9001 and all relevant directives. Product improvement is a continual process at Cool Energy and we reserve the right to change the design and specifications without notice or obligation. Availability is subject to change without notice. Contact your local Cool Energy depot for availability. © 2011 Cool Energy. All rights reserved.