

# Water Recooling Chiller

## HYFRA eChilly / HYFRA eChilly+

		eChilly		eChilly+		eChilly	
HYFRA eChilly model no. (kW)		1	2	3	4	5	6
Performance data							
Ambient °C	Refrigerant °C	Cooling capacity kW					
	Water <sup>c)</sup>						
32	10	0,5	0,8	1,8	2,7	3,8	4,7
	15	0,8	1,1	2,3	3,4	4,6	5,7
	20	1,0	1,5	2,7	4,0	5,5	6,8
37	10	0,3	0,7	1,5	2,5	3,4	4,3
	15	0,6	0,9	2,0	3,2	4,4	5,5
	20	0,9	1,2	2,5	3,9	5,3	6,7
42	10	0,2	0,7	1,4	2,3	3,0	3,8
	15	0,5	0,8	1,9	3,0	3,9	4,8
	20	0,8	1,1	2,4	3,6	4,7	5,9

Technical data								
Refrigerant		R407C	R134a		R407C	R410A		
Refrigerant charge	kg	0,35	0,62	0,65	0,8	0,85	0,95	
Sound pressure level <sup>a)</sup> user side	dB(A)	62	62	63	64	65		
Power consumption max. <sup>b)</sup>	kW	0,9	1,3	1,8	2,6	3,9	4,5	
Current consumption max. <sup>b)</sup>	A	5,5	5,9	8,0	11,1	14,3	7,7	
Electrical connection		230 V 1 PH					400 V 3 Ph	
Max. airflow rate	m <sup>3</sup> /h	800	1290		2390	2390		
Tank capacity	l	6	20			26		
Water pressure	bar	2,2	3,3					
Nominal water flow	m <sup>3</sup> /h	0,14	0,26	0,43	0,6	0,77		
Water connections	inch	1/2						

Dimensions and weight							
Length	mm	570	720		770		
Width	mm	580	640		765		
Height	mm	370	465		515		
Empty weight	kg	55	59	63	69	90	
Footprint	m <sup>2</sup>	0,33	0,461		0,59		

### Robust. Quiet. Compact.

The HYFRA eChilly / HYFRA eChilly+ series can be integrated into almost any machine layout due to its compact design.

Typical applications for HYFRA eChilly models are welding equipment, milling technology, drilling stations, tool changing and laboratory technology.

The new eChilly+ series also offers more efficiency and more comfort in less space. Future-proof and flexible, the eChilly+ 2 / 3 / 4 series models not only offer easier tank emptying, but can also be easily integrated into the machine layout thanks to their uniform size.

#### Key data HYFRA eChilly

✔ **Power range:**  
1 & 5-6 kW



✔ **Application:**  
Welding equipment, milling equipment, drilling stations,  
Tool change and laboratory technology

#### Key data HYFRA eChilly+

✔ **Power range:**  
2 - 4 kW



✔ **Application:**  
Welding equipment, milling equipment, drilling stations,  
Tool change and laboratory technology

✔ **The + in efficiency:**  
integrated level indicator, easy tank emptying, variable  
placement of connection options

3) with three-phase power

a) Sound pressure level measured in free field at 1 m distance and 1.2 m (tolerance +/- 1 dB (A)) incl. compressor operation without start / stop phase

b) at 42 °C ambient temperature and 20 °C medium temperature

c) For outlet temperatures below 15 °C please contact your HYFRA sales representative.