

# Water Recooling Chiller

## HYFRA eChilly / HYFRA eChilly+

		eChilly		eChilly+		eChilly	
HYFRA eChilly model no.		1	2	3	4	5	6
Performance data							
Ambient °F	Refrigerant °F	Cooling capacity Tons					
	Water <sup>c)</sup>						
89.6	50	0.1	0.2	0.5	0.8	1.1	1.3
	59	0.2	0.3	0.7	0.9	1.3	1.6
	68	0.3	0.4	0.8	1.1	1.6	1.9
98.6	50	0.09	0.2	0.4	0.7	0.9	1.2
	59	0.2	0.3	0.6	0.9	1.3	1.6
	68	0.3	0.3	0.7	1.1	1.5	1.9
107.6	50	0.06	0.2	0.4	0.7	0.9	1.1
	59	0.1	0.2	0.5	0.9	1.1	1.4
	68	0.2	0.3	0.7	1.0	1.3	1.7

Technical data								
Refrigerant		R407C	R134a		R407C	R410A		
Refrigerant charge	lbs	77.2	136.7	143.3	176.37	187.4	209.4	
Sound pressure level <sup>a)</sup> user side	B	6.2	6.2	6.3	6.4	6.5		
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	gal/m	3522.3	5679.7		10522.9			
Tank capacity	gal	1.6	5.3		6.9			
Water pressure	psi	319.1	478.6					
Nominal water flow	gal/m	61.6	114.5	189.3	264.2	339.0		
Water connections	inch	1/2						

Dimensions and weight						
Length	inch	22.4	28.3		30.3	
Width	inch	22.8	25.2		30.1	
Height	inch	14.6	18.3		20.3	
Empty weight	lbs	121.3	130.1	138.9	152.1	198.4
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:**  
0.1 & 1.4 - 1.7 Tons



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

#### Key data HYFRA eChilly+

✔ **Power range:**  
0.5 - 1.1 Tons



✔ **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 107.6 °F ambient temperature and 68 °F medium temperature

c) For outlet temperatures below 59 °F please contact your HYFRA sales representative.