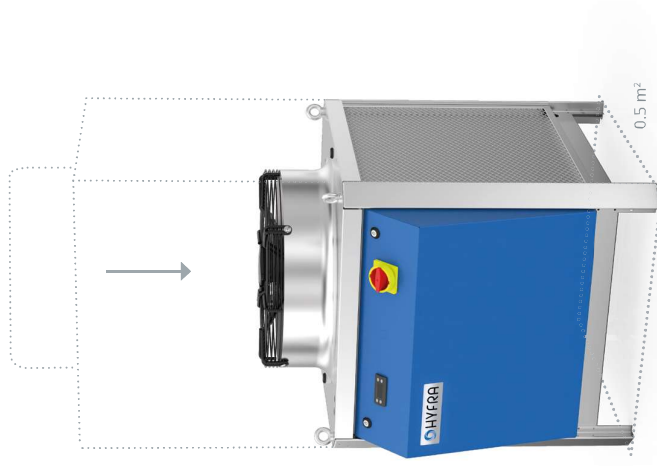


Cooling water recooling chillers HYFRA Sigma c

Compact. Cost-optimized. Plug-in.

Up to 40 % height reduction for improved integration into various plant layouts.



Key data
HYFRA Sigma c

Power range:
5 – 16 kW

Medium:
Water

Footprint:
5 – 16 kW on footprint of 0.5 m²

Optimized:
Up to 40 % height reduction

Application:
Machine tool applications

Technical data HYFRA Sigma c



HYFRA Sigma c model no. (kW)		c 5	c 7	c 9	c 13	c 16
Performance data						
Ambient °C	Refrigerant °C	Cooling capacity kW				
	Water ^d					
32	15	4.4	6.4	7.4	10.7	12.7
	20	5.3	7.3	8.7	12.7	14.7
37	15	3.7	5.4	6.4	9.1	11.1
	20	4.7	6.7	8.0	10.7	13.3
42	15	3.1	4.7	5.8	7.7	10.4
	20	4.0	6.0	7.5	9.3	12.7

Technical data		R134a	R410A	
Refrigerant				
Refrigerant charge	kg		1.1	
Sound pressure level ^{a)} user side	dB(A)		68	
Power consumption max. ^{b)}	kW	3.2	4.2	4.8
Current consumption max. ^{b)}	A	6.0	7.8	8.1
Condenser			1	
Max. airflow rate	m ³ /h		3300	
Tank capacity	l		26	
Water pressure	bar	3.4	3.3	3.2
Nominal water flow	m ³ /h	1.2	1.5	1.8
Water connection	Zoll		3/4	
Fresh water connection	Zoll		3/4	

Dimensions and weight	
Length	mm
Width	mm
Height	mm
Empty weight	kg

- 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.