

# Chiller

-20°C - +40°C, external, heavy-duty refrigerated circulator, 20-/30 l/min.



## CHI **NEW**

### Ideal for:

- temperature control system for 1 - 50 l evaporators, cooling lines, etc.

### Features:

- built-in, external nozzle for prevention of nozzle damage
- internal bath made from stainless steel (prevents corrosion)
- effective cooling capacity
- high quality circulation pump: max. flow rate 20- 30 l/min. and max. pressure 1.0/3.3 bar
- safety connection ports for connection with pipe for fluid in- and respectively outlet, made from stainless steel
- integrated pump and compressor pressure gauge
- CE certified and unique serial number for tracing

### Safety mechanism:

- emergency stop button

### Controller:

- digital **PID controller** for best temperature accuracy

Model	CHI-20	CHI-30	CHI-50	
Temperature range & -stability	-20°C - +40°C, ±0.2°C at 15°C			
Filling volume cooling fluid	max. 17 l	max. 29 l	max. 47 l	
For XX l evaporators	for 1 - 20 l evaporators	for 10 - 30 l evaporators	for 20 - 50 l evaporators	
Refrigerator capacity (HP)	0.37 kW	0.74 kW	1.47 kW	
Lid opening Ø	Ø100 mm			
Connection fluid in-/outlet	ISO RC 1/2" (english system 1/2") thread, stainless steel			
Pump power, lift height, m	max. flow rate	20 l/min.	30 l/min.	
	max. pressure & lift	1.0 bar, max. lift: 8 m	3.3 bar, max. lift: 27 m	
Cooling capacity	at +20°C	1.7 kW	2.8 kW	6.5 kW
	at 0°C	0.87 kW	1.3 kW	3.0 kW
	at -20°C	0.32 kW	0.45 kW	1.2 kW
External Dimensions	450 x 630 x 650 mm	550 x 830 x 975 mm	605 x 975 x 1265 mm	
Material	internal stainless steel, external powder-coated steel			
Power supply	1 Phase AC 230V, 50/60 Hz or 3 Phase 380V			
Order number 230V	DH.Chi0020	DH.Chi0030	-	
Order number 3 Phase	-	-	DH.Chi0050	