



# miko p1x series

AIR-WATER / AIR-AIR CHILLER SYSTEMS

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AIR-WATER / AIR-AIR CHILLER SYSTEMS



- › mini-tower cooling
- › 19" rack-mounted cooler

model	cooling capacity @ 25°C water & 25°C ambient ( $\Delta T=0^\circ\text{C}$ )	version	pump capacity
p10035-0.1-SA	$\leq 400\text{ W}$	freestanding	4 l/min @ 1bar
p10035-0.1-03	$\leq 400\text{ W}$	19" / 3 HU	
p10045-0.1-04	$\leq 500\text{ W}$	19" / 4 HU	
p10075-0.1-04	$\leq 800\text{ W}$	19" / 4 HU	

## ADVANTAGES AT A GLANCE:

- › SPEED-CONTROLLED MINIATURE COMPRESSOR
- › REDUCED NOISE AND VIBRATIONS
- › DIRECT COOLING AS AN OPTIONAL FEATURE
- › SPACE-SAVING, MODULAR DESIGN PRINCIPLE
- › 24V TECHNOLOGY INSIDE
- › CUSTOMIZABLE

## MIKO P10035-0.1-SA MINI-TOWER COOLING

- › desktop tower design
- › cooling capacity  $\leq 400\text{ W}$
- › temperature stability  $\leq 0.1\text{K}$
- › heating capacity 200 W
- › power supply 24V DC / 100-240V AC
- › dimensions: 350 x 200 x 330 mm

## MIKO P10075-0.1-04 19" RACK-MOUNTED CHILLER

- › smallest slide-in compressor chiller system with highest power densits
- › cooling capacity  $\leq 800\text{ W}$
- › temperature stability  $\leq 0.1\text{K}$
- › heating capacity 200 W
- › power supply 24V DC / 100-240V AC
- › especially flat design from 3 HU (height units) depending on cooling capacity



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# miko p10035

24 V AIR-WATER CHILLER SYSTEM

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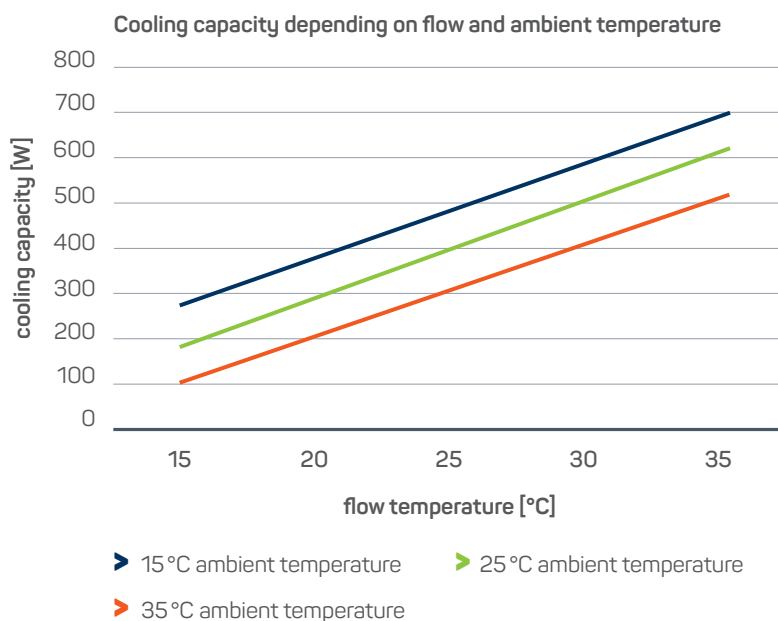
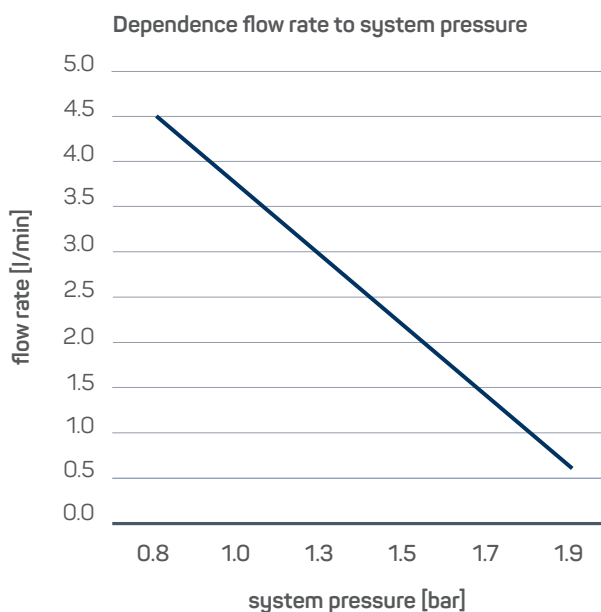
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# miko p10035

24 V AIR-WATER CHILLER SYSTEM WITH COOLING CAPACITY FROM 50 W TO 500 W

Technical data		
dimensions (height / width / depth)	mm	350 / 200 / 330
weight	kg	approx. 12
power consumption	W	230
power supply	V (A) 50/60Hz	100 - 240
accuracy in load 50 - 100%	K	≤ 0.1
heating	W	150
water connections	CPC	¼"
control range	°C	15 - 40
ambient temperature	°C	15 - 35



## ADVANTAGES AT A GLANCE:

- ▶ OPTIMIZED FOR MEDICAL AND LABORATORY APPLICATIONS
- ▶ EFFICIENT ALTERNATIVE TO PELTIER COOLING
- ▶ SPEED-CONTROLLED 24 V MINIATURE COMPRESSOR
- ▶ ROBUST DESKTOP OR TOWER DESIGN
- ▶ TEMPERATURE STABILITY ≤ 0.1 K
- ▶ LOW NOISE AND VIBRATION

## RELIABLE AND EFFICIENT

**termotek** has further improved its miniature chiller to ensure stable and precise cooling processes in medical, laboratory, and analytical applications. This cooling system, with its innovative housing concept, is ideally adapted to the requirements of our customers. The particular focus of our development was a compact design and a low noise level during operation.

The miko series is one of the smallest compressor cooling systems in the market, and with a cooling capacity of up to 500 W, it constitutes an efficient alternative to conventional Peltier cooling systems even with high ambient temperatures.



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