

# Heating Circulators

▶ with polycarbonate bath

Heating bath circulators with transparent baths made from polycarbonate. The circulators are equipped with an overtemperature and low level protection in accordance with protection class III (FL). The circulating pump ensures optimal mixing and temperature uniformity and permits the temperature control of external applications using pump adapters (accessories).

➔ **Up to +100 °C**  
Temperature range

➔ **Up to 2,1 kW**  
Heating power

➔ **Up to 18 Liter**  
Bath volume



Model	Temperature range (°C)	Heating power (kW)	opening WxD (mm)	Bath depth (mm)	volume (ltr)	Pump data				Dimensions WxDxH (mm)	Cat.No.	G
						max. pressure (l/min)	max. pressure (bar)	max. suction (l/min)	max. suction (bar)			
CC-106A	(15)* 25...100	1,5 - 2,1	130x110	150	6	27	0,7	22	0,4	147x307x330	2049.0001.01	1
KISS 106A	(15)* 25...100	1,5 - 2,1	130x110	150	6	14	0,25	10,5	0,17	147x307x330	2049.0003.98	1
CC-108A	(15)* 25...100	1,5 - 2,1	130x210	150	8	27	0,7	22	0,4	147x407x330	2050.0001.01	1
KISS 108A	(15)* 25...100	1,5 - 2,1	130x210	150	8	14	0,25	10,5	0,17	147x407x330	2050.0003.98	1
CC-110A	(15)* 25...100	1,5 - 2,1	130x310	150	10	27	0,7	22	0,4	147x507x330	2051.0001.01	1
KISS 110A	(15)* 25...100	1,5 - 2,1	130x310	150	10	14	0,25	10,5	0,17	147x507x330	2051.0003.98	1
CC-112A	(15)* 25...100	1,5 - 2,1	275x161	150	12	27	0,7	22	0,4	333x360x335	2052.0001.01	1
KISS 112A	(15)* 25...100	1,5 - 2,1	275x161	150	12	14	0,25	10,5	0,17	333x360x335	2052.0003.98	1
CC-118A	(15)* 25...100	1,5 - 2,1	275x321	150	18	27	0,7	22	0,4	333x520x335	2053.0001.01	1
KISS 118A	(15)* 25...100	1,5 - 2,1	275x321	150	18	14	0,25	10,5	0,17	333x520x335	2053.0003.98	1

\* Auxiliary cooling device required (see glossary "Working Temperature Range")

Temperature stability: CC ±0,02 K ; KISS ±0,05 K

## ▶ with stainless steel bath

Heating bath circulators with insulated stainless steel baths for temperatures up to +200 °C. The devices can be used for externally closed and externally open (with optional level control) temperature control tasks using a pump adapter (accessories). Models with Pilot ONE have a speed-controlled pressure/suction pump.

➔ **Up to +200 °C**  
Temperature range

➔ **Up to 2,1 kW**  
Heating power

➔ **Up to 25 Liter**  
Bath volume



Model	Temperature range (°C)	Heating power (kW)	opening WxD (mm)	Bath depth (mm)	volume (ltr)	Pump data				Dimensions WxDxH (mm)	Cat.No.	G
						max. pressure (l/min)	(bar)	max. suction (l/min)	(bar)			
CC-208B	(-30)* 25...200	1,5 - 2,1	230x127	150	8,5	27	0,7	22	0,4	290x350x375	2056.0001.01	1
KISS 208B	(-30)* 25...200	1,5 - 2,1	230x127	150	8,5	14	0,25	10,5	0,17	290x350x375	2056.0004.98	1
CC-212B	(-30)* 25...200	1,5 - 2,1	290x152	150	12	27	0,7	22	0,4	350x375x375	2057.0001.01	1
KISS 212B	(-30)* 25...200	1,5 - 2,1	290x152	150	12	14	0,25	10,5	0,17	350x375x375	2057.0004.98	1
CC-215B	(-30)* 25...200	1,5 - 2,1	290x152	200	15	27	0,7	22	0,4	350x375x425	2058.0001.01	1
KISS 215B	(-30)* 25...200	1,5 - 2,1	290x152	200	15	14	0,25	10,5	0,17	350x375x425	2058.0004.98	1
CC-220B	(-30)* 25...200	1,5 - 2,1	290x329	150	20	27	0,7	22	0,4	350x555x375	2059.0001.01	1
KISS 220B	(-30)* 25...200	1,5 - 2,1	290x329	150	20	14	0,25	10,5	0,17	350x555x375	2059.0004.98	1
CC-225B	(-30)* 25...200	1,5 - 2,1	290x329	200	25	27	0,7	22	0,4	350x555x425	2060.0001.01	1
KISS 225B	(-30)* 25...200	1,5 - 2,1	290x329	200	25	14	0,25	10,5	0,17	350x555x425	2060.0004.98	1

\* Auxiliary cooling device required (see glossary "Working Temperature Range")

Temperature stability: CC ±0,02 K; KISS ±0,05 K

# Heating Circulators

▶ with filling port, for external temperature control

Heating circulators for the temperature control of externally connected applications. The devices are equipped with baths made of stainless steel or transparent polycarbonate and have rear pump connections and a stainless steel bath cover with filling port as standard. All models have an overtemperature and low level protection of protection class III (FL) according to DIN 12876 for use with flammable liquids.

The models 202C are equipped with integrated cooling coil as standard, for models 104A it is available as an option.

➔ **Up to +200 °C**  
Temperature range

➔ **Up to 2,1 kW**  
Heating power

➔ **Up to 27 l/min**  
Pump capacity

➔ KISS 104A



➔ CC-202C

Model	Temperature range (°C)	Heating power (kW)	Heating opening WxD (mm)	Bath		Pump data				Dimensions WxDxH (mm)	Cat.No.	G
				depth (mm)	volume (ltr)	max. pressure (l/min)	max. suction (bar)	max. suction (l/min)	max. suction (bar)			
CC-104A	(15)* 25...100	1,5 - 2,1	Ø25	150	4	27	0,7	22	0,4	147x235x330	2037.0057.01	1
KISS 104A	(15)* 25...100	1,5 - 2,1	Ø25	150	4	14	0,25	10,5	0,17	147x235x330	2037.0040.98	1
CC-202C	(-30)* 45...200	1,5 - 2,1	Ø25	150	2	27	0,7	22	0,4	178x260x355	2003.0001.01	1
KISS 202C	(-30)* 45...200	1,5 - 2,1	Ø25	150	2	14	0,25	10,5	0,17	178x260x355	2003.0007.98	1

\* Auxiliary cooling device required (see glossary "Working Temperature Range")

Temperature stability: CC ±0,02 K ; KISS ±0,05 K

# Heating Bath Circulators

▶ with open bath, for internal and external temperature control

Heating circulators for the temperature control of externally connected applications. Furthermore it is possible to thermoregulate any objects directly in the circulator bath. The devices are equipped with durable baths made from high-grade stainless steel and have pump connections at the rear as standard. All models have overtemperature and low level protection to protection class III (FL) according to DIN 12876 for use with flammable liquids.

➔ **Up to +300 °C**  
Temperature range

➔ **Up to 3,5 kW**  
Heating power

➔ **Up to 27 l/min**  
Pump capacity



Model	Temperature range (°C)	Bath volume (ltr)	Bath depth (mm)	Heating power (kW)	Pump data				Dimensions WxDxH (mm)	Cat.No.	G
					max. pressure (l/min)	(bar)	max. suction (l/min)	(bar)			
CC-205B	(-30)* 45...200	5,0	150	1,5 - 2,1	27	0,7	22	0,4	178x337x355	2004.0001.01	1
KISS 205B	(-30)* 45...200	5,0	150	1,5 - 2,1	14	0,25	10,5	0,17	178x337x355	2004.0009.98	1
CC-304B	(-20)* 28...300	5,0	155	2,2 - 3,0	25	0,7	18,5	0,4	210x335x392	2005.0001.01	1
CC-308B	(-20)* 28...300	8,5	155	2,2 - 3,0	25	0,7	18,5	0,4	242x404x392	2006.0001.01	1
CC-315B	(-20)* 28...300	15	200	3,0 - 3,5	25	0,7	18,5	0,4	335x382x433	2007.0001.01	1

\* Auxiliary cooling device required (see glossary "Working Temperature Range")

Temperature stability: CC ±0,02 K; KISS ±0,05 K