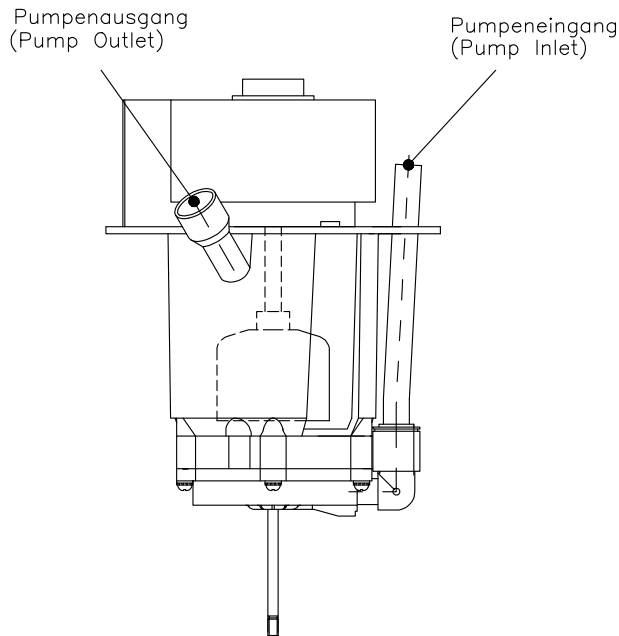
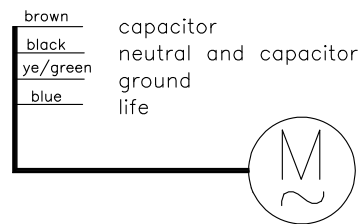


## Instruction for SR4 Pump (P/N 44-0000-100)

Picture 1: Connection SR4



Picture 2: Wiring SR4



The SR4 Pump is used for CO<sub>2</sub> water recirculation in soda circuit units and also for the agitation of the water bath.

Connect the SR4 pump on water system with John Guest connection 1/2" and connect motor wire with power supply 230 Volt, 50 Hz.

**Attention:**

- Connection for pump outlet and inlet and position of pump assembly regarding picture 1
- Do not run pump dry.
- If motor shaft turned by hand, the created noise is normal.
- The electrical connection must be done regarding picture 2, 1.5µF capacitor is required.
- For application the data sheet.

**Description of induction and filling process**

1. Connection of cooling unit and installation of python (Note: Don't completely insulate python at the unit yet so that the tubes of the accompanying cooling stay visible !).
2. Switch on the unit. Filling the soda circuit system with CO<sub>2</sub> . Open dispense valve several times to blow out the air.
3. Open water supply (check pressure: minimum 2,0 bar).
4. Operate the tap for short periods (app. 5 sec.) and dispense soda water until water without pressure gas shocks and without bubbles is dispensed (app. 5-8 litre).
5. There should not be any gas bubbles in the inlet and outlet of the python. When inlet and outlet are cold enough the python connections have to be insulated completely. (If necessary, repeat point 4)



Datenblatt

**SR- 4 Pump**

Data- Sheet

1. Allg. Daten					1. General Data	
Fördermedium		Trinkwasser mit max. 5,0 Vol. CO2		Drink water with		Flow medium
Systemdruck				7 bar max.		System pressure
Wasserschläge				8 bar max.		Water shock
Umgebungstemperatur				40 °C		Ambient Temperature
Durchflußmenge	min.	144 l/h	144 l/h	#	l/h	Flow Rate max.
	max.	175 l/h	175 l/h	#	l/h	min.
2. Betriebsbedingungen					2. Operating Conditions	
<b>Python:</b>		D, E, I Standard		GB Standard CC		Standard
Isolierdicke		19 mm	19 mm			12 mm
Länge max.		50 m	50 m	#		m
Schlauch Ø		13 mm	13 mm			9,5 mm
<b>Kühlschlange:</b>						
Länge		9 m	7 m			7 m
Rohr Ø		10 mm	8 mm			8 mm
<b>Pumpe und Motor:</b>		Kreiselpumpe 1-stufig Centrif. Pump 1-stage			<b>Pump and Motor:</b>	
Pumpentyp					Pump Type	
Antrieb		Electromotor 230V / 50Hz / 80 Watt			Drive	
Kondensator		1,5 µF			Capacitor	
Drehzahl		2650 min-1			Speed	
Kupplung		magnetisch		magnetic	Coupling	
3. Abmessungen					3. Dimensions	
Pumpenkopf Ø		100 mm			Pump Head Ø	
Anschlußplatte		145 mm x125 mm			Support Plate	
Wellenlänge		200 mm			Shaft Length	
Motorhöhe		75 mm			Motor Height	
Rührwerk- Propeller max.		Ø 60 mm (10 mm hoch)			Agitator (Blade height)	
Rührwerk- Propeller min.		Ø 45 mm (20 mm hoch)			Agitator (Blade height)	
Leitungsanschluß:					Connection to System:	
Pumpeneingang		Rohr (Tube) AD 12,7 mm (1/2")			Pump Inlet	
Pumpenausgang		Cartridge 12,7 mm (1/2")			Pump Outlet	