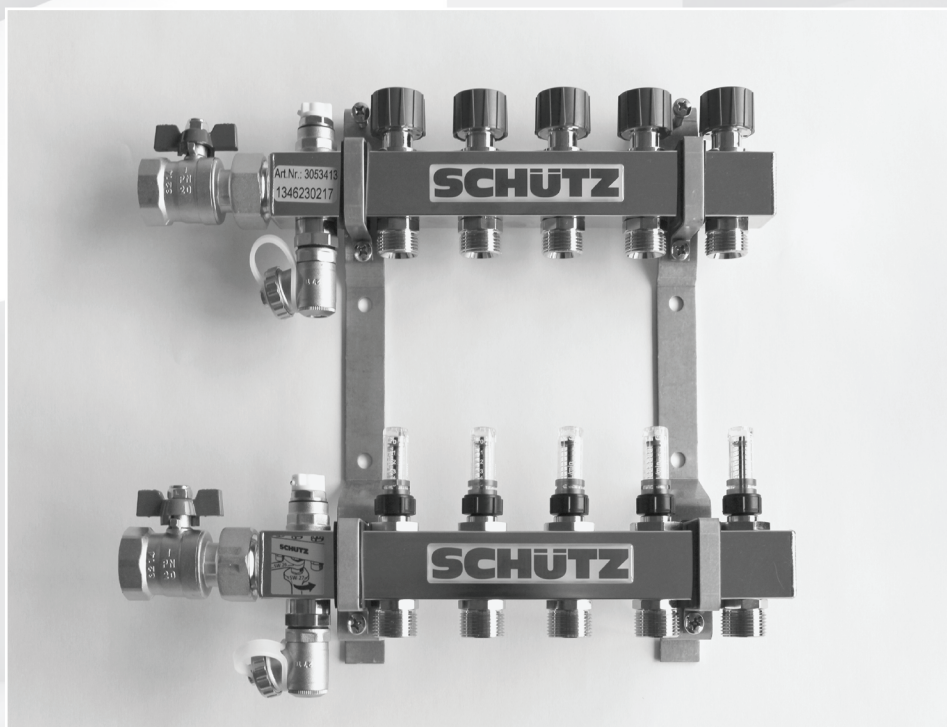


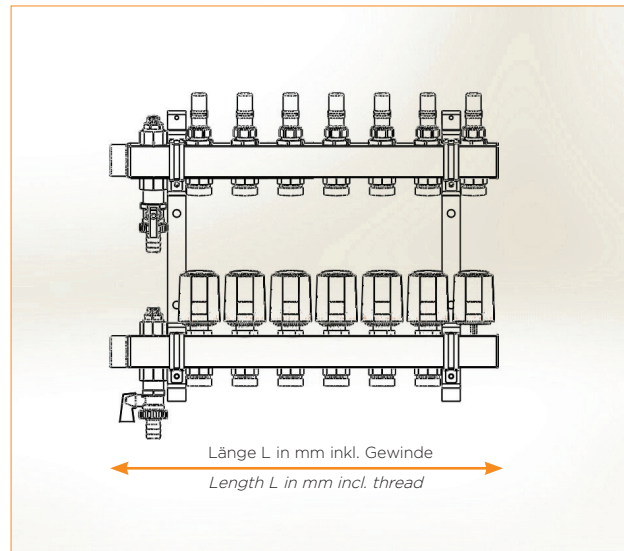


AIRCONOMY® HEIZKREISVERTEILER
AIRCONOMY® HEATING CIRCUIT MANIFOLD

Montageanleitung/Technische Information 08/2017
Installation instruction/Technical information 08/2017

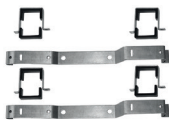


HEIZKREISVERTEILER TYP KOMFORT 90-3 / HEATING CIRCUIT MANIFOLD TYPE KOMFORT 90-3



ABMESSUNGEN / DIMENSIONS													
Anzahl Heizkreise Number of heating circuits	2	3	4	5	6	7	8	9	10	11	12	13	14
Länge L in mm Length L in mm	170	220	270	320	370	420	470	520	570	620	670	720	770

ZUBEHÖR / ACCESSORIES



Konsolenset für Heizkreisverteiler
Bracket set for manifold

ARTIKEL-NR. / ARTICLE NO. 5004824



Einbauset für Wärmemengenzähler (Einbau senkrecht) 1"
Installation set for heat meters (vertical installation) 1"

ARTIKEL-NR. / ARTICLE NO. 5004072



Einbauset für Wärmemengenzähler (Einbau waagrecht) 1"
Installation set for heat meters (horizontal installation) 1"

ARTIKEL-NR. / ARTICLE NO. 5004073



Kugelhahnset 1" IG / 1" IG (Überwurfmutter)
Ball valve set 1" IG/1" IG (Cap nut)



Standard / *Standard*

ARTIKEL-NR. / *ARTICLE NO.* 5000732

Standard mit Thermometer / *Standard with thermometer*



ARTIKEL-NR. / *ARTICLE NO.* 5004132

Vertikal / *Vertical*

ARTIKEL-NR. / *ARTICLE NO.* 5004111



Verteiler-Erweiterungsset 1"
Manifold extension set 1"

ARTIKEL-NR. / *ARTICLE NO.* 3058303



Minikugelhahn 3/4"
Miniature ball valve 3/4"

ARTIKEL-NR. / *ARTICLE NO.* 5004118



Rücklaufthermometer 3/4"
Return line thermometer 3/4"

ARTIKEL-NR. / *ARTICLE NO.* 5004133



Strang-Regulierventilset 1"
Circuit control valve set 1"

ARTIKEL-NR. / *ARTICLE NO.* 5000736



Überstromset Verteiler 1"
Manifold overflow set 1"

ARTIKEL-NR. / *ARTICLE NO.* 1258095



Adapter Klemmverbinder 3/4"
Clamped connector adapter 3/4"

PE (X)

12 x 1,5 mm

14 x 2 mm

16 x 2 mm

17 x 2 mm

20 x 2 mm

25 x 2,3 mm

ARTIKEL-NR. / *ARTICLE NO.*

5002272

1159887

1159933

1159895

1159909

5001340

PE-RT / AL / PE-RT

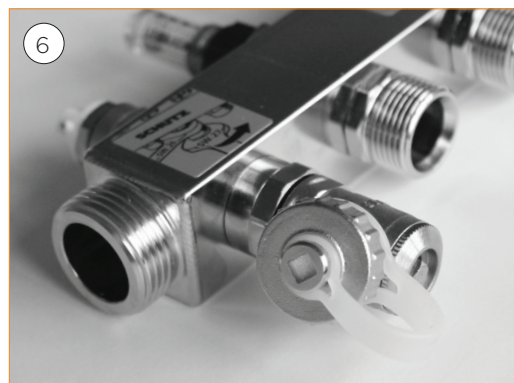
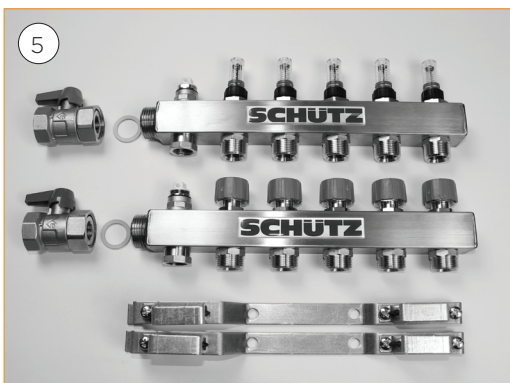
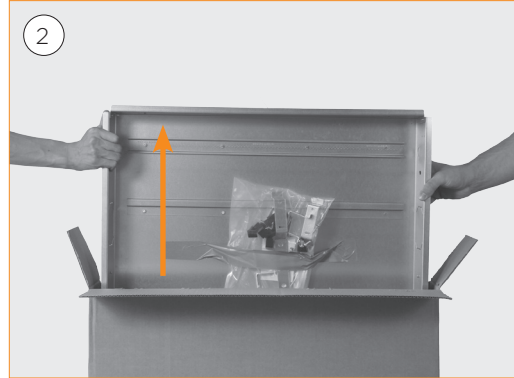
4 x 2 mm

16 x 2 mm

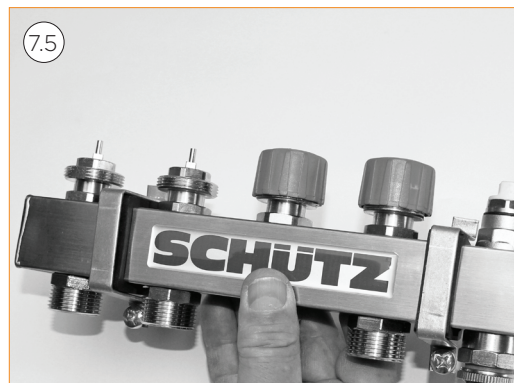
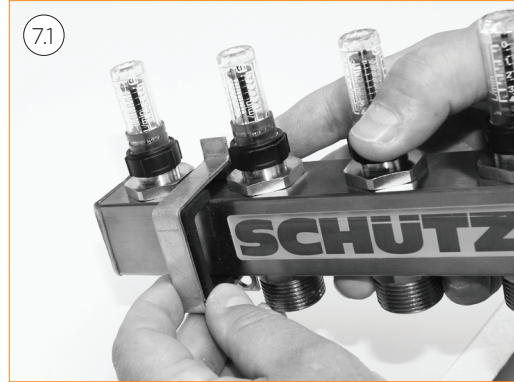
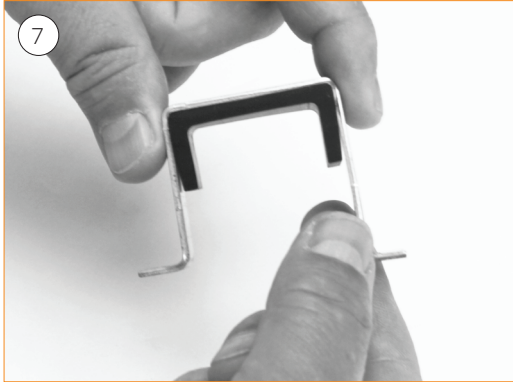
1178083

1178091

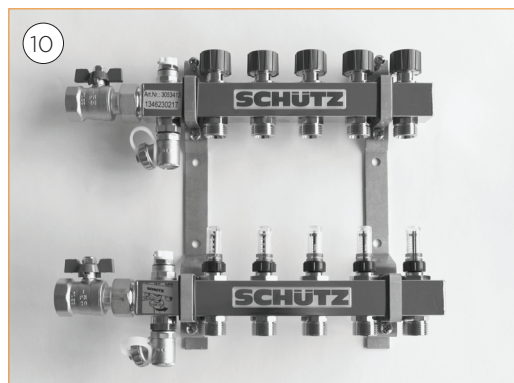
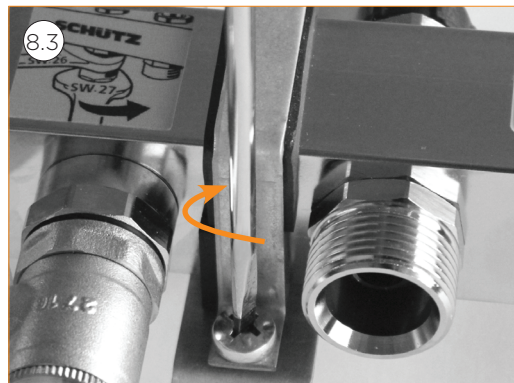
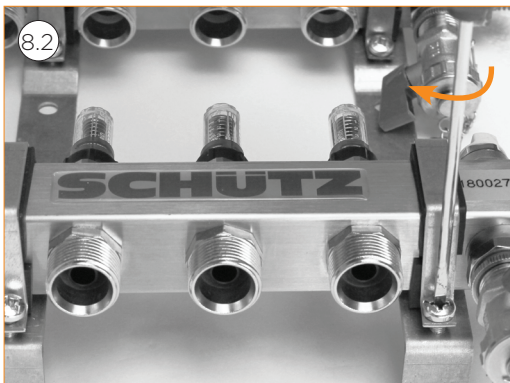
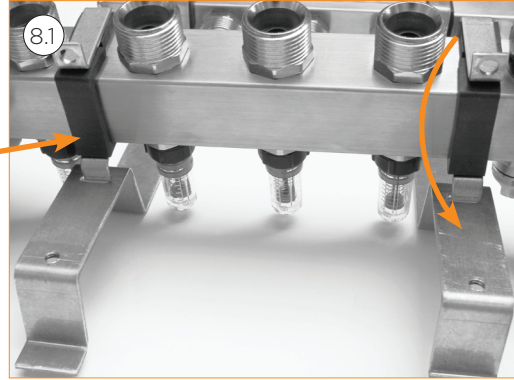
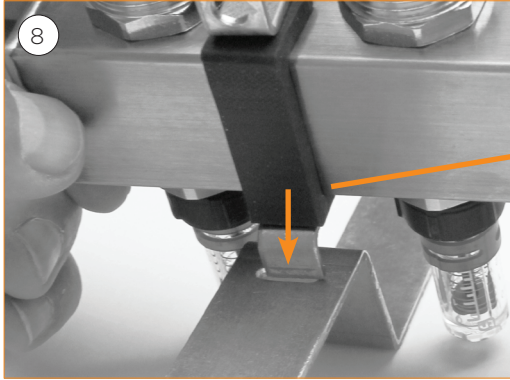
MONTAGE / INSTALLATION



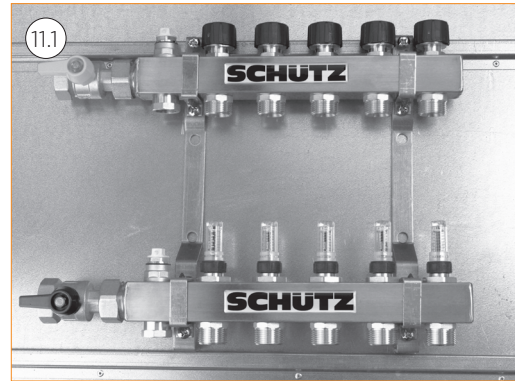
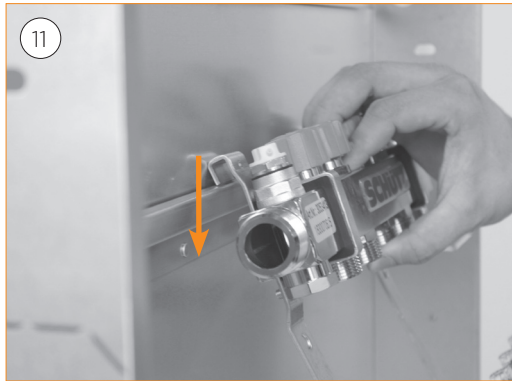
MONTAGE / INSTALLATION



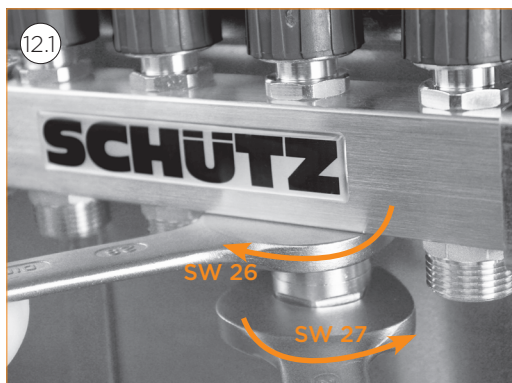
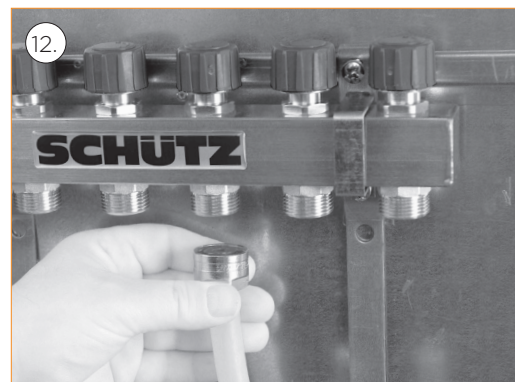
MONTAGE / INSTALLATION



MONTAGE / INSTALLATION



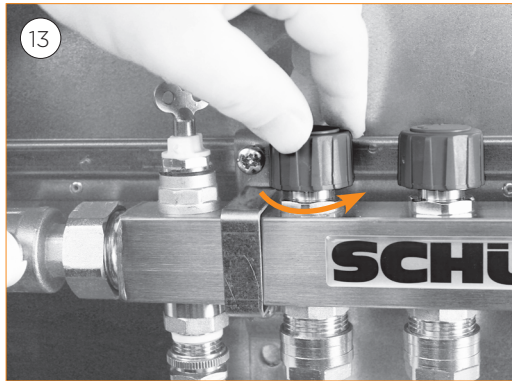
2 x Schrauben
2 x screws



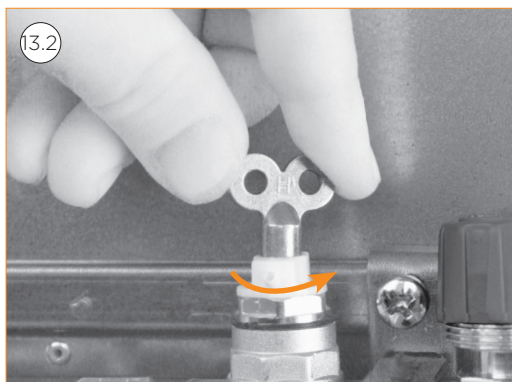
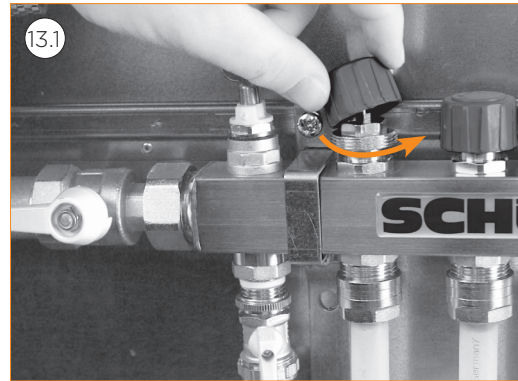
Klemmringverschraubung darf nur mit Gegen-
schlüssel SW 26 angezogen werden.
Maximaler Drehmoment: 15 N/m

*Adapter compression fitting must be tightend
by using a counter-wrench.
Maximum torque: 15 N/m*

SPÜLEN / RINSING



Alle Vor- und Rückläufe absperren.
Lock all forward and return flows.

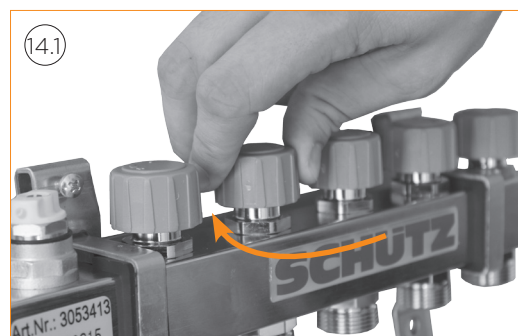


MONTAGE DER STELLANTRIEBE /
INSTALLATION OF ACTUATING DRIVES

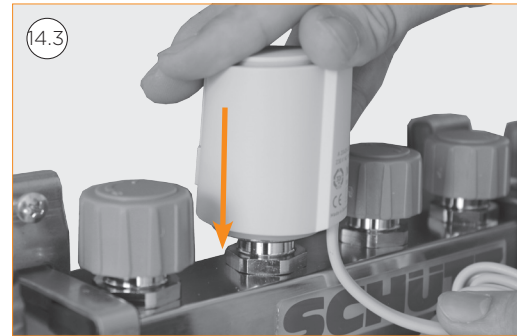
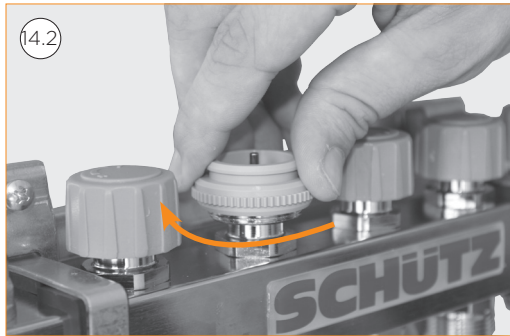


230 V:
ARTIKEL-NR. / ARTICLE NO. 5004134

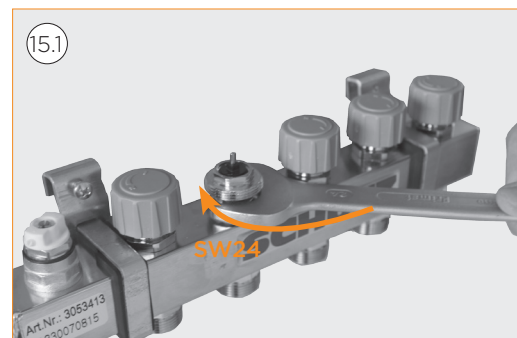
24 V:
ARTIKEL-NR. / ARTICLE NO. 5004135



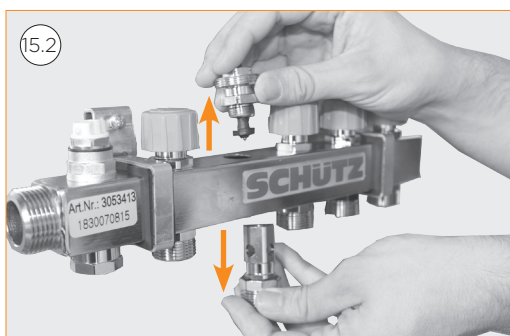
MONTAGE DER STELLANTRIEBE / INSTALLATION OF ACTUATING DRIVES



VENTILWECHSEL / VALVE REPLACEMENT

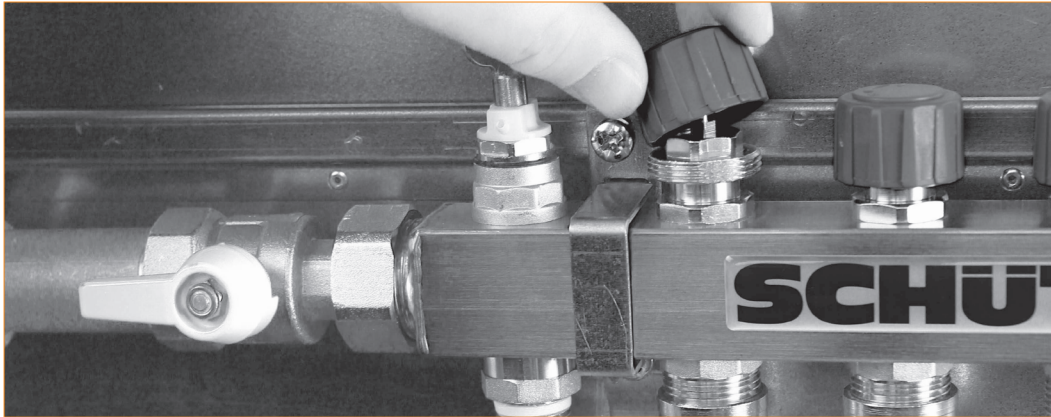


Maximaler Drehmoment: 15 N/m
Maximum torque: 15 N/m



EINREGULIERUNG / ADJUSTMENT

HEIZKREISVERTEILER / HEATING CIRCUIT MANIFOLD

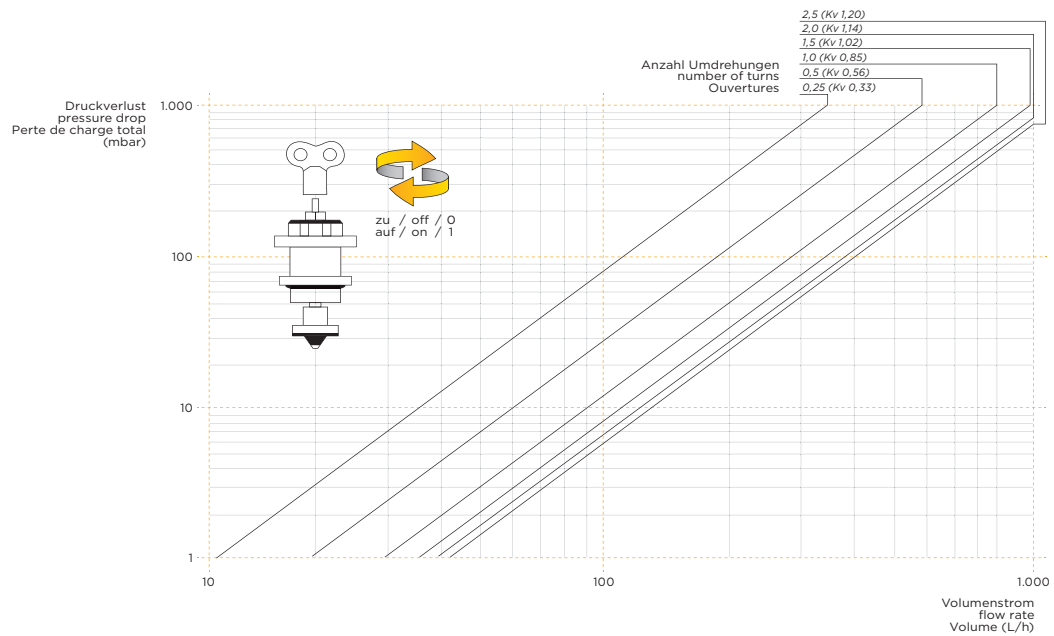


Für den erforderlichen hydraulischen Abgleich der einzelnen Heizkreise sind zunächst alle Ventile zu schließen. Die Ventile (Vor- und Rücklauf) des ersten Heizkreises voll öffnen. Das Regulierventil der einzuregulierten Heizkreises ist auf den gewünschten Volumenstrom einzustellen. Dieser kann beim Komfortverteiler am Durchflussmengenanzeiger abgelesen werden. Danach ist dieser Heizkreis am Absperrventil wieder abzusperrern und die Vorgehensweise ist an den weiteren Heizkreisen analog anzuwenden.

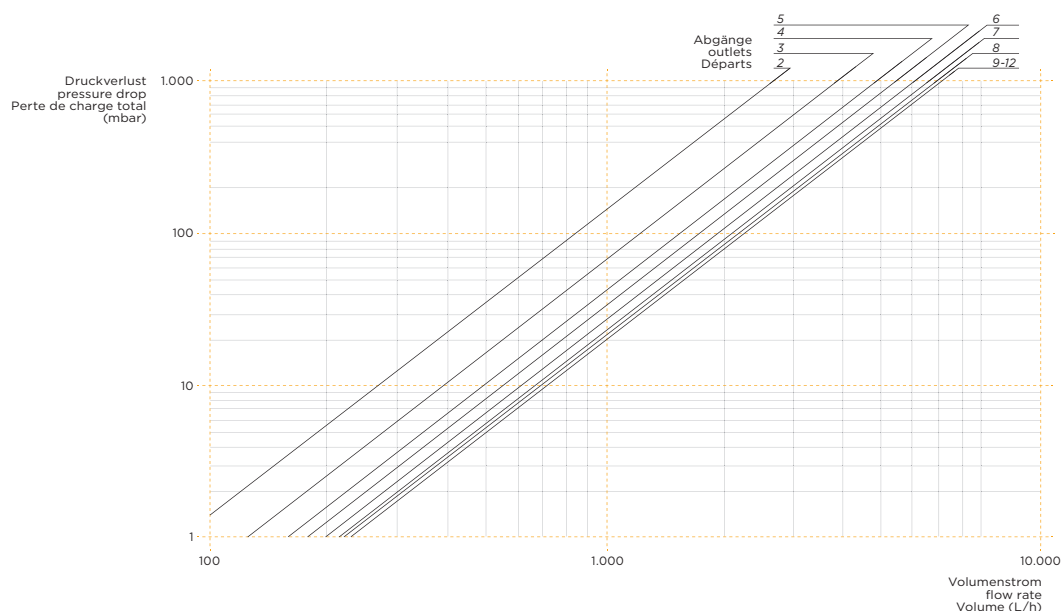
For hydronic balancing it is necessary to initially close all valves (inflow and return). Open inflow and return valve of the first circuit. Then adjust the regulating valve (return) to the required flow. See the flow indicator in the inflow. Afterwards close all valves and adjust the next circuit.

EINREGULIERUNG / ADJUSTMENT

EINSTELLUNG DES REGULIERVENTILS / SETTING OF THE CONTROL VALVE



GESAMTDROCKVERLUST / TOTAL PRESSURE DROP





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