Distr	ibutor for Floor Heating Systems	Standard Sheet for 8512		
	Dimension 11/4"	Edition 0700 (1299)		
combination circuit con end caps double nip HERZ-con	ntrol and shutoff valves, straight and angle models	System Components		
1 8512 93	2-way distributor set, nickel-plated with 0-ring seal consisting of 1 intake distributor and 1 return collector with 2 branch-offs each, as well as 2 seals	Distributors Dimension 1 ¹ / ₄ " Distributor connection		
1 8513 93	3-way distributor set, nickel-plated with O-ring seal consisting of 1 intake distributor and 1 return collector with 3 branch-offs each, as well as 2 seals	with union nut Rp 1 ¹ / ₄ ", Pipe connections G 3/4		
1 8514 93	4-way distributor set, nickel-plated with O-ring seal consisting of 1 intake distributor and 1 return collector with 4 branch-offs each, as well as 2 seals			
1 8510 61	HERZ-AS-circuit control valve, straight model nickel-plated, pre-setting by telescoping flow restriction cone, grey hand-wheel disk	Circuit Control Valves and Shutoff Valves		
1 8510 60	HERZ-shutoff valve, straight model nickel-plated, with O-ring soft seal, white hand-wheel disk	Socket x Male Thread Dimension 1 ¹ / ₄ "		
1 8514 61	HERZ-AS-circuit control valve, angle model nickel-plated, pre-setting by telescoping flow restriction cone, grey hand-wheel disk			
1 8514 60	HERZ-shutoff valve, angle model nickel-plated, with O-ring soft seal, white hand-wheel disk			
means of HE	or branch-offs have G 3/4 male threads. Connection to the pipes is established by RZ-compression unions for copper, thin-walled steel or plastic pipes.	Pipe Connections G 3/4		
6274 6275	HERZ-compression union for copper and thin-walled steel pipes, HERZ-compression union with soft seal for copper and thin-walled steel pipes, parti-			
6098	cularly suitable for hard pipe surfaces (nickel-plated or high-grade steel pipes). HERZ-plastic pipe connection for PE-X-, PB-, and plastic composite pipes.			
	ons and order numbers refer to the HERZ catalogue.			
	ression unions establish an absolutely tight and secure connection to copper, thin- and plastic pipes. Take into account the instructions for installation.	HERZ-Compression Unions		
	outors are suitable for:	Operating Data		
Max. operati Max. operati	ng temperature 110 °C ng pressure 10 bar	Distributors		
The actually compression	permissible operating data (max. temperature and pressure) depend on the pipes and unions used.			
·	rity according to ÖNORM H 5195 and/or VDI-guideline 2035.			
	c pipe connections, the following values are applicable if approved by the manufacturer: ng temperature 80 °C ng pressure 4 bar	Plastic Pipe Connections		
	perating pressure is subject to the written consent of HERZ-Armaturen.			

When using HERZ compression unions for copper and steel pipes take into account the permissible temperature and pressure ratings according to EN 1254-2: 1998, as shown in table 5.

Compression Unions

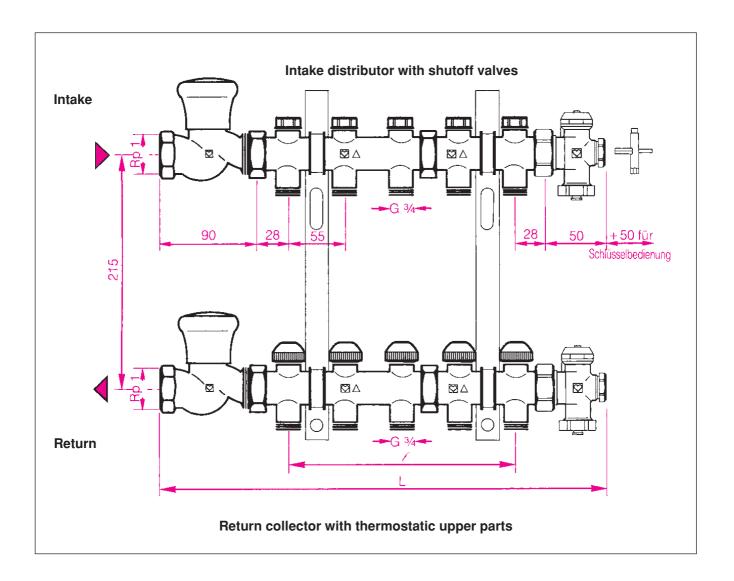
We reserve the right to make modifications necessitated by technological progress



	End cap with draining and bleeding function, nickel-plated, R 11/4".									Accessories		
8525 52	Plug, nickel-plated for pipe connection G 3/4.								to be ordered separately			
8514 54	Spacer nickel-plated, for the installation of angle valves in case of vertical pipe routing, R 11/4".											
8510 54	Double nipple nickel-plated, for the connection of shutoff valves with female thread to the connection sockets of distributors and return collectors, Rc 1 x G 11/4.											
8522 00	Holding brackets for distributor installation galvanised, 2 offset holding brackets with sound-insulated screw clips and fastening material											
8522 20	Holding brackets, distributor cabinet version galvanised, with a distance between pipe centres of upper and lower distributor of 200 mm, for the installation of distributors in the HERZ-distributor cabinet.											
6600 00	HERZ-AS pre-setting key with blue shaft for HERZ-AS circuit control valves											
6615 00	4-mm Allen key											
6625 00	for matching the heating circuits HERZ-multi-purpose key											
6206 01	for draining and bleeding Hose connection R 1/2" in brass, for draining and filling											
6403 02	Thermostatic upper part Spare upper part for return collector, body mark Δ									Spare Parts		
6413 02	Shutoff Spare u			ake dist	ributor, I	body ma	ark Δ					
Heating circuits	2	3	4	5	6	7	8	9	10	11	12	Combination of
8512	1			1					1			Distributors
8513		1		1	2	1		3		1		
8514												
	ystems w	vith copp	1 per, thin	-walled	steel or	1 plastic p	2 pipes and	d therm	2 ostatic c	2 control.	3	Field of Application
oor heating sy			l per, thin			plastic p	pipes and		ostatic c	control.	3	Field of Application Bleeding
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he end cap hat he end cap is connection (16625 00. He distributor HERZ-circuit shutoff valve	as bleedi	ed with). The	ties. For a draining d with a	ng valve valve union n	e with G is opera	plastic plasti	pipes and	thread of HER.	ostatic c	control. 00. ching a h	nose	Bleeding
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setting ke	eans of the pre-setting ein order to prevent un	ailable at any time. For cone is adjustable by me the pre-setting spindle	nain spindle lift is avail :).						
e valves (re-setting by means of a telescoping flow-restriction cone permits to limit the flow rate while the III main spindle lift is available at any time. For pre-setting use pre-setting key 1 6600 00 (blue haft). The inside flow restriction cone is adjustable by means of the pre-setting spindle. The flow restriction one is flexibly attached to the pre-setting spindle in order to prevent undesired changes of the flow the due to the effects of foreign bodies. The flow restriction one is flexibly attached to the pre-setting spindle in order to prevent undesired changes of the flow the due to the effects of foreign bodies.							
	atching of the individual heating circuits is performed by adjusting the valves (upper parts) at the ake distributor which can be opened or closed by means of a 5-mm Allen key (1 6614 00).								
hen using circuit control valves STRÖMAX-GM or STRÖMAX-M with the HERZ-measuring com- uter 1 8902 00, differential pressure measurement can be performed through the valve.									
. In the ex	phase (pipe flushing). ust be used for operati	n during the installation is a HERZ-hand wheel mus	rotection and operation permostat is installed, a						
Turn k _V -Value									
1			Characteristic						
	0,12	0,25							
			1						
	0,31	0,5	2						
	0,31 0,4	0,5 1	2 3						
	0,31	0,5	2						
	0,31 0,4 0,53	0,5 1 1,5	2 3 4						
	0,31 0,4 0,53 0,7	0,5 1 1,5 2	2 3 4 5						
	0,31 0,4 0,53 0,7 0,8	0,5 1 1,5 2 2,5	2 3 4 5 6						
nts of the ives) and upper pa ilding wo	well as the compone er, DDC-actuating dri ontrol the thermostatic protective cap for built phase (pipe flushing).	remote operation, as von temperature computer tors) can be used to corurts are supplied with a producing the installation produci	HERZ-thermostat with ems HERZ-RTC (room nostats, thermal actuato thermostatic upper pariotection and operation						
RZ-measure valve. e electron HERZ-Rarts. rk. This cacceptional	alves. I the HERZ-measure through the valve. Ints of the electron (ves) and HERZ-R upper parts. Ilding work. This call in the exceptional ion.	or STRÖMAX-M with the HERZ-measurate can be performed through the valve. well as the components of the electron rr, DDC-actuating drives) and HERZ-R introl the thermostatic upper parts. protective cap for building work. This caphase (pipe flushing). In the exceptional st be used for operation. tor cabinets.	remote operation, as well as the components of the electron temperature computer, DDC-actuating drives) and HERZ-R ors) can be used to control the thermostatic upper parts. Its are supplied with a protective cap for building work. This can during the installation phase (pipe flushing). In the exceptional HERZ-hand wheel must be used for operation. It is available for distributor cabinets.						

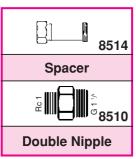
Dimensions in mm

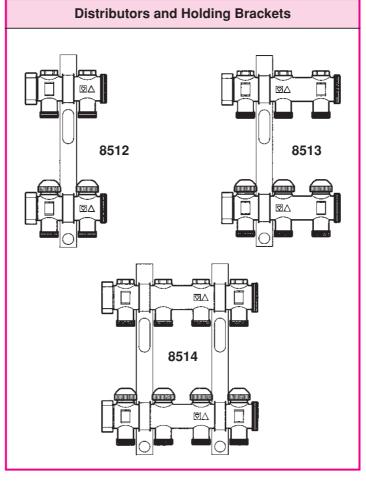


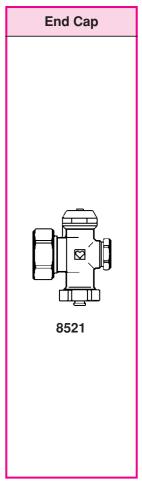
Number of branch-offs	2	3	4	5	6	7	8	Total depth = 88 mm
1	55	110	165	220	275	330	385	including holding bracket and shutoff valve
Total length	251	306	361	416	471	526	581	

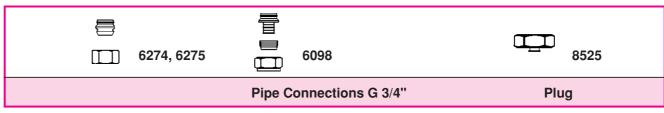
	Hand Wheel		
Continuo	us Control	Two-Point or Pulse Control	Hand Wheel
HERZ-RTC	HERZ-Thermostats	Room Thermostats	
7940	7330 9330	7791	9102
	8330		
DCC Actuating Drive		Thermal Actuators	7102
7990		7710	





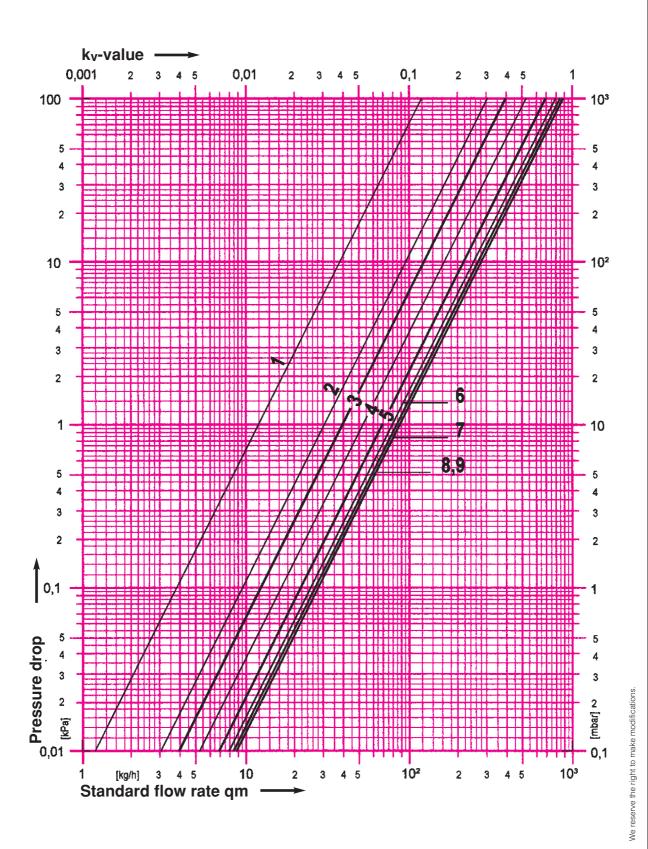






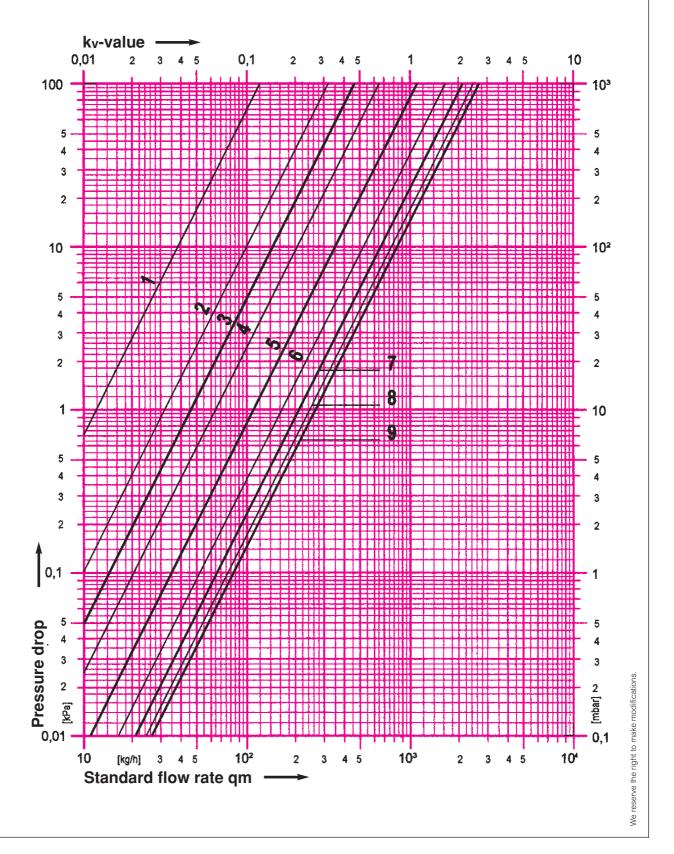
HERZ-Standard Diagram	Distributor for Floor Heating Systems
Art. No. 8512–8514	Dim. DN 32 R = 11/4"

Intake and return of a heating circuit in thermostatic operation 2 Kp-deviation



HERZ-Standard Diagram	Distributor for Floor Heating Systems
Art. No. 8512–8514	Dim. DN 32 R = 11/4"

Intake and return of a heating circuit, thermostatic upper part completely open



HERZ-Standard Diagram	Circuit Control and Shutoff Valves					
Art. No. 8510 • 8514	Dim. $R = 1^{1}/4$ "					
For shutoff valves without pre-setting, characteristic 10 is applicable.						
102 3 4 5 103	. ν 4 ω α 1 ω 4 ω α [tedm] Φ.					
÷ 1	4 0					
	3 6					
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<u>"</u> 0	10 [kg/h] 3 4 5 10° Standard flow rate qm					
kv-value	ands					
	5 20 E643 1-					
001 100 100 100 100 100 100 100 100 100	Pressure drop ∆p					
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00 64 6 7 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	- 24 6 4 6 7 164) - Sec. 1					
•	Fressure drop △p ←					