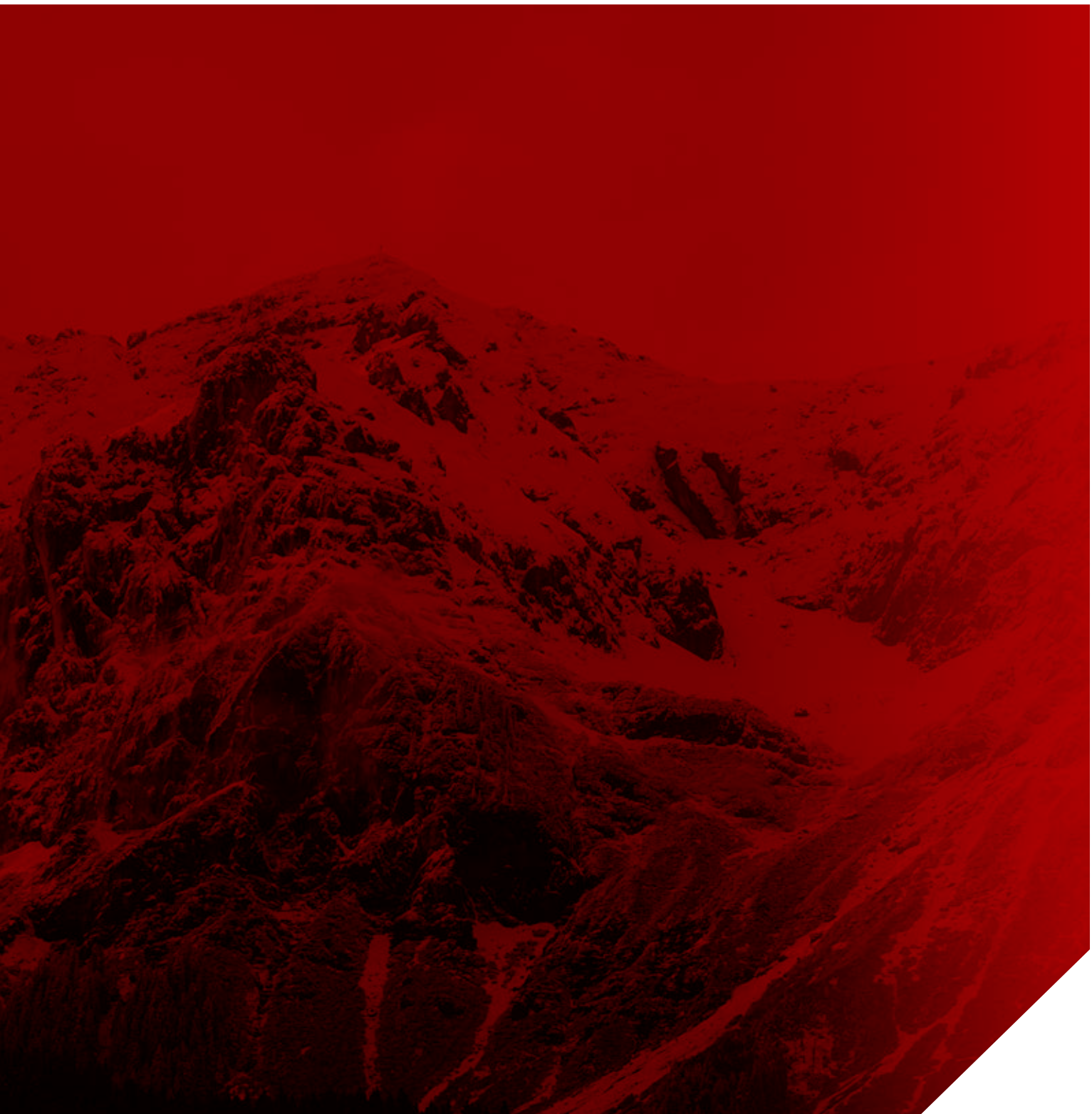


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CLIMATE DESIGNERS

Heating 

HEATWAVE TECHNICAL INFORMATION



WEIGHT IN KG

HEATWAVE				
Model	OS	OM	OL	XL
	12.0	24.0	48.0	60.0

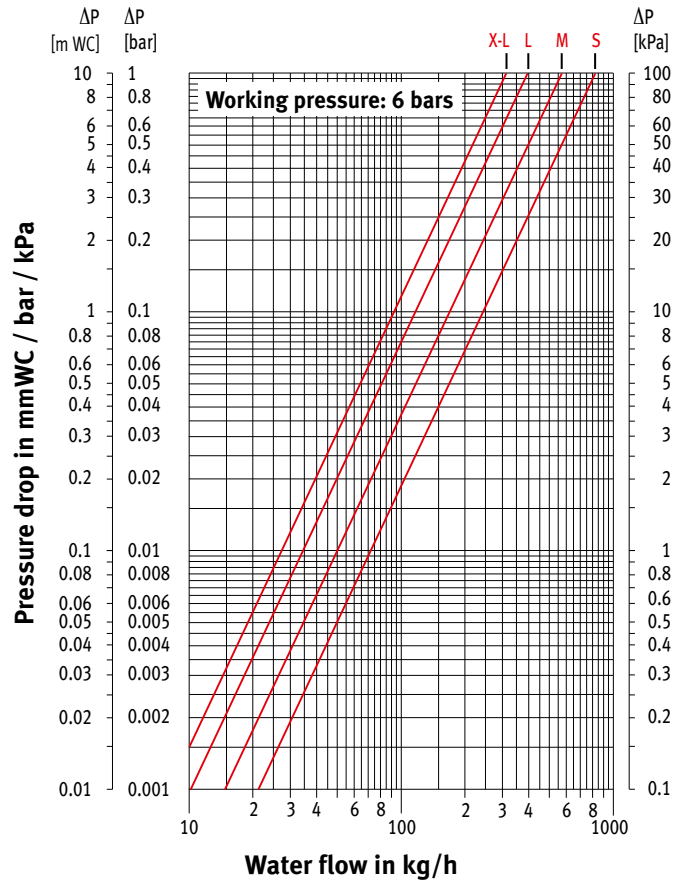
WATER CONTENT IN LITRE

HEATWAVE				
Model	OS	OM	OL	XL
	0.40	0.78	1.57	2.36



Weight and water content without packaging or options

PRESSURE DROP



RECOMMENDED MAXIMUM WATER FLOW DEPENDING ON THE PIPE DIAMETER AT A MAX. WATER FLOW OF 0.4 M / S

Tube	Outer Ø mm	Wall thickness mm	Maximum flow kg/h	Maximum power at ΔT (° C) (T supply - T return)				
				ΔT 2	ΔT 5	ΔT 10	ΔT 20	ΔT 30
				Watt	Watt	Watt	Watt	Watt
10/1	10.0	1.0	72	168	421	841	1682	2524
12/1	12.0	1.0	113	263	657	1314	2629	3943
12/2	12.0	2.0	72	168	421	841	1682	2524
14/1	14.0	1.0	163	379	946	1893	3785	5678
14/2	14.0	2.0	113	263	657	1314	2629	3943
15/1	15.0	1.0	191	444	1111	2221	4443	6664
16/1	16.0	1.0	222	515	1288	2576	5152	7729
16/1.5	16.0	1.5	191	444	1111	2221	4443	6664
16/2	16.0	2.0	163	379	946	1893	3785	5678
16/2.2	16.0	2.2	152	354	884	1769	3537	5306
17/2	17.0	2.0	191	444	1111	2221	4443	6664
3/8"	17.1	3.2	129	301	752	1505	3010	4515
18/1	18.0	1.0	289	673	1682	3365	6730	10095
18/2	18.0	2.0	222	515	1288	2576	5152	7729
20/2	20.0	2.0	289	673	1682	3365	6730	10095
1/2"	21.3	3.7	217	504	1259	2518	5035	7553
26/3	26.0	3.0	452	1052	2629	5258	10515	15773

CORRECTION FACTORS

AVERAGE CORRECTION FACTORS ACCORDING TO EN442 - 75/65/20°C

Tv	Tl	Tr	25	30	35	40	45	50	55	60	65	70	75	80	85
90	18		0.47	0.59	0.70	0.80	0.89	0.98	1.07	1.15	1.23	1.32	1.39	1.46	1.53
	20		0.40	0.53	0.65	0.75	0.84	0.93	1.01	1.09	1.17	1.27	1.34	1.41	1.48
	22		0.32	0.47	0.59	0.69	0.79	0.87	0.96	1.04	1.12	1.21	1.28	1.35	1.42
	24		0.22	0.41	0.53	0.64	0.73	0.82	0.91	0.99	1.07	1.14	1.23	1.29	1.36
85	18		0.44	0.56	0.66	0.76	0.85	0.93	1.01	1.09	1.19	1.25	1.32	1.39	
	20		0.37	0.50	0.61	0.70	0.79	0.88	0.96	1.04	1.12	1.20	1.27	1.34	
	22		0.30	0.44	0.55	0.65	0.74	0.83	0.91	0.99	1.06	1.15	1.21	1.28	
80	24		0.20	0.38	0.50	0.60	0.69	0.77	0.85	0.93	1.01	1.09	1.16	1.23	
	18		0.41	0.52	0.62	0.71	0.80	0.88	0.96	1.04	1.12	1.19	1.25		
	20		0.35	0.47	0.57	0.66	0.75	0.83	0.91	0.98	1.07	1.13	1.20		
75	22		0.28	0.41	0.52	0.61	0.70	0.78	0.86	0.93	1.01	1.08	1.15		
	24		0.19	0.35	0.46	0.56	0.64	0.73	0.80	0.88	0.96	1.03	1.09		
	18		0.38	0.49	0.58	0.67	0.75	0.83	0.90	0.99	1.05	1.12			
70	20		0.32	0.44	0.53	0.62	0.70	0.78	0.85	0.94	1.00	1.07			
	22		0.25	0.38	0.48	0.57	0.65	0.73	0.80	0.88	0.95	1.01			
	24		0.17	0.32	0.43	0.52	0.60	0.68	0.75	0.83	0.90	0.96			
65	18		0.35	0.45	0.54	0.63	0.70	0.78	0.86	0.92	0.99				
	20		0.29	0.40	0.49	0.58	0.65	0.73	0.81	0.87	0.94				
	22		0.23	0.35	0.44	0.53	0.61	0.68	0.75	0.82	0.88				
	24		0.15	0.30	0.39	0.48	0.56	0.63	0.70	0.77	0.83				
60	18		0.32	0.42	0.50	0.58	0.65	0.72	0.80	0.86					
	20		0.27	0.37	0.46	0.53	0.61	0.68	0.75	0.81					
	22		0.21	0.32	0.41	0.49	0.56	0.63	0.70	0.76					
55	24		0.14	0.27	0.36	0.44	0.51	0.58	0.65	0.71					
	18		0.29	0.38	0.46	0.54	0.60	0.68	0.74						
	20		0.24	0.34	0.42	0.49	0.56	0.63	0.69						
50	22		0.19	0.29	0.37	0.44	0.51	0.58	0.64						
	24		0.12	0.24	0.33	0.40	0.47	0.54	0.59						
	18		0.27	0.35	0.42	0.49	0.56	0.62							
	20		0.22	0.30	0.38	0.44	0.51	0.57							
45	22		0.17	0.26	0.33	0.40	0.46	0.53							
	24		0.10	0.21	0.29	0.36	0.42	0.48							
	18		0.24	0.31	0.38	0.44	0.50								
	20		0.19	0.27	0.34	0.40	0.46								
40	22		0.14	0.23	0.30	0.36	0.42								
	24		0.09	0.18	0.25	0.32	0.37								
	18		0.21	0.27	0.34	0.40									
	20		0.16	0.23	0.30	0.35									
35	22		0.12	0.19	0.26	0.31									
	24		0.07	0.16	0.22	0.27									
	18		0.18	0.24	0.29										
	20		0.14	0.20	0.26										
30	22		0.10	0.16	0.22										
	24		0.06	0.13	0.18										
	18		0.14	0.20											
	20		0.11	0.16											
25	22		0.08	0.13											
	24		0.04	0.10											
	18		0.11												
	20		0.08												
20	22		0.05												
	24		0.02												

The indicated outputs with $\Delta T 50$ and $\Delta T 60$ are the exact outputs. $\Delta T 50$ output measured in accordance with EN 442 and $\Delta T 60$ output calculated according to EN 442. An average correction factor is given in this table for all other ΔT outputs, applicable for all dimensions.

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