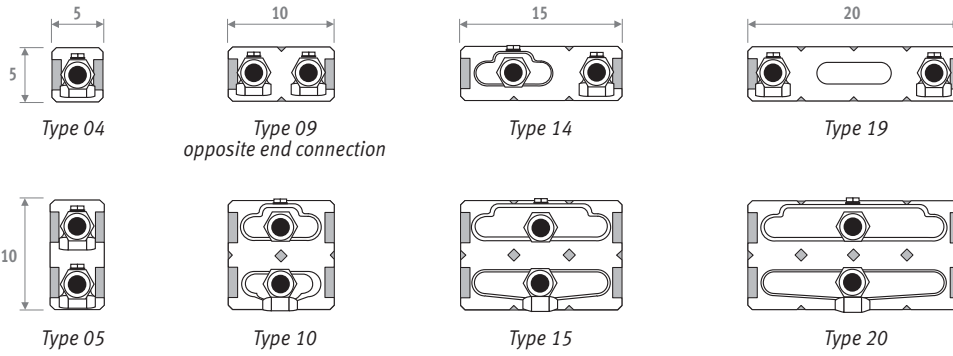




jaga

MINI CANAL
Technical information

MINI CANAL - OVERVIEW HEAT EXCHANGERS



Weight and water content without packaging or options.

WEIGHT IN KG/METRE

Width	H 009	011	014	019
14	4.60	5.00	5.70	---
18	5.01	5.42	---	---
26	5.80	6.24	7.77	9.25
34	7.05	7.52	9.51	11.06
42	8.29	8.80	11.28	12.89

Average weight in kg/metre for the complete unit, including frame and grille.

WATER CONTENT IN LITRE / METRE

Width	H 009	011	014	019
14	0.16	0.16	0.32	---
18	0.32	0.32	---	---
26	0.32	0.32	0.65	0.65
34	0.48	0.48	0.98	0.98
42	0.66	0.66	1.32	1.32

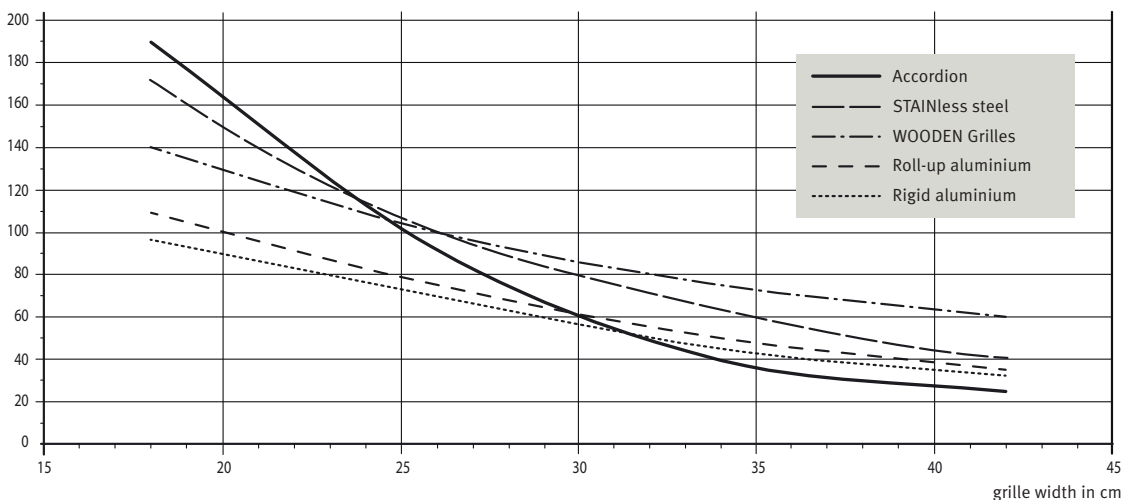
GRILLES WEIGHT IN KG/METRE

Finish	Width	12.8	16.8	24.8	32.8	40.8
	Width duct	14	18	26	34	42
- Roll-up Designo merbau/merbau varnished		2.18	3.00	3.52	3.98	4.67
- Roll-up Designo oak/oak varnished		1.59	2.03	2.69	3.34	3.90
- Roll-up Designo beech/beech varnished		1.50	1.90	2.50	3.10	3.60
- Roll-up merbau/merbau varnished		2.15	2.70	3.03	3.35	4.05
- Roll-up oak/oak varnished		1.48	1.71	2.15	2.61	3.12
- Roll-up beech/beech varnished		1.40	1.60	2.00	2.42	2.88
- Roll-up alu natural/black/brown/brass		1.21	1.38	2.07	2.76	3.45
- Roll-up grille natural Accordion		2.80	3.45	4.85	5.50	7.55
- Roll-up stainless steel		2.18	2.86	4.22	5.58	6.94
- Rigid Designo alu natural/black/brown/brass/lacquered		1.60	2.10	3.20	4.10	5.00
- Rigid alu natural/black/brown/brass/lacquered		1.55	2.20	2.50	3.15	3.75
- Rigid Pebbles		2.20	2.70	3.65	4.60	5.60

MAXIMUM GRILLE LOADINGS

- **Roll-up wood and aluminium grille:** concentrated load in kg in the centre of the grille up to 2 mm deflection.
- **Rigid grilles:** concentrated load in the centre of the transverse section up to 2 mm deflection.
- **Pebbles:** max. 100 kg per tile

concentrated load in kg



CORRECTION FACTORS ▪ MINI CANAL

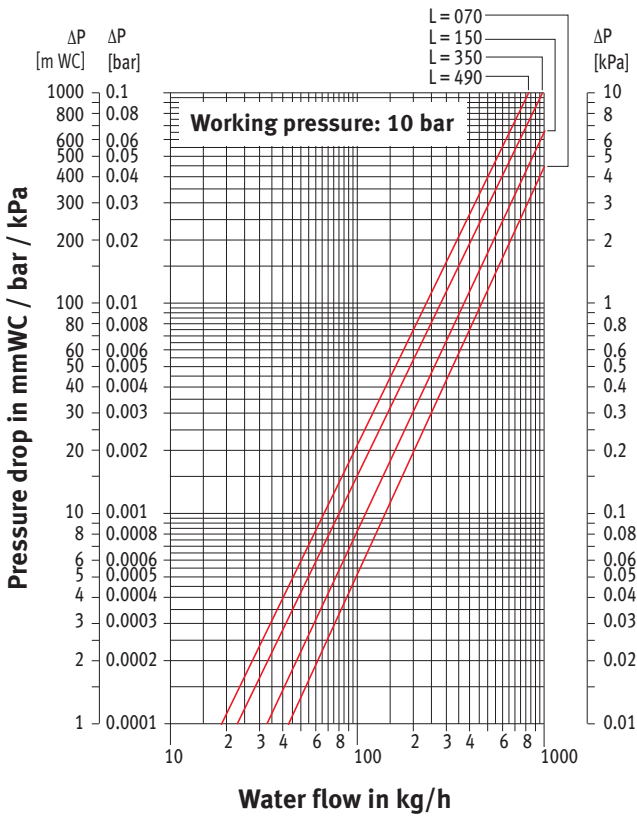
AVERAGE CORRECTION FACTORS ACCORDING TO EN442 - 75/65/20°C

Tv	Tl	Tr	25	30	35	40	45	50	55	60	65	70	75	80	85
90	18		0.45	0.58	0.69	0.79	0.89	0.98	1.07	1.16	1.24	1.34	1.41	1.49	1.56
	20		0.38	0.52	0.63	0.74	0.83	0.92	1.01	1.10	1.18	1.28	1.35	1.43	1.50
	22		0.30	0.46	0.57	0.68	0.78	0.87	0.96	1.04	1.13	1.22	1.30	1.37	1.44
	24		0.20	0.39	0.52	0.62	0.72	0.81	0.90	0.99	1.07	1.15	1.24	1.31	1.38
85	18		0.42	0.54	0.65	0.75	0.84	0.93	1.01	1.10	1.20	1.27	1.34	1.41	
	20		0.36	0.49	0.59	0.69	0.79	0.87	0.96	1.04	1.12	1.21	1.28	1.35	
	22		0.28	0.42	0.54	0.64	0.73	0.82	0.90	0.99	1.06	1.15	1.22	1.30	
	24		0.19	0.36	0.48	0.58	0.68	0.76	0.85	0.93	1.01	1.10	1.17	1.24	
80	18		0.39	0.51	0.61	0.70	0.79	0.88	0.96	1.04	1.12	1.20	1.27		
	20		0.33	0.45	0.56	0.65	0.74	0.82	0.90	0.98	1.07	1.14	1.21		
	22		0.26	0.39	0.50	0.60	0.68	0.77	0.85	0.93	1.01	1.08	1.15		
	24		0.17	0.34	0.45	0.54	0.63	0.72	0.80	0.87	0.96	1.03	1.10		
75	18		0.37	0.47	0.57	0.66	0.74	0.82	0.90	0.99	1.05	1.12			
	20		0.30	0.42	0.52	0.61	0.69	0.77	0.85	0.93	1.00	1.07			
	22		0.24	0.36	0.46	0.55	0.64	0.72	0.79	0.88	0.95	1.01			
	24		0.16	0.31	0.41	0.50	0.59	0.67	0.74	0.83	0.89	0.96			
70	18		0.34	0.44	0.53	0.61	0.69	0.77	0.85	0.92	0.99				
	20		0.28	0.39	0.48	0.56	0.64	0.72	0.80	0.87	0.93				
	22		0.22	0.33	0.43	0.51	0.59	0.67	0.74	0.81	0.88				
	24		0.14	0.28	0.38	0.46	0.54	0.62	0.69	0.76	0.83				
65	18		0.31	0.40	0.49	0.57	0.64	0.71	0.79	0.85					
	20		0.25	0.35	0.44	0.52	0.59	0.66	0.74	0.80					
	22		0.19	0.30	0.39	0.47	0.54	0.61	0.69	0.75					
	24		0.12	0.25	0.34	0.42	0.50	0.57	0.64	0.70					
60	18		0.28	0.37	0.45	0.52	0.59	0.66	0.73						
	20		0.23	0.32	0.40	0.47	0.54	0.62	0.68						
	22		0.17	0.27	0.35	0.43	0.50	0.57	0.63						
	24		0.11	0.23	0.31	0.38	0.45	0.52	0.58						
55	18		0.25	0.33	0.40	0.47	0.55	0.60							
	20		0.20	0.29	0.36	0.43	0.50	0.56							
	22		0.15	0.24	0.32	0.38	0.45	0.51							
	24		0.09	0.20	0.27	0.34	0.40	0.47							
50	18		0.22	0.30	0.36	0.43	0.49								
	20		0.18	0.25	0.32	0.38	0.44								
	22		0.13	0.21	0.28	0.34	0.40								
	24		0.08	0.17	0.24	0.30	0.36								
45	18		0.19	0.26	0.32	0.38									
	20		0.15	0.22	0.28	0.34									
	22		0.11	0.18	0.24	0.30									
	24		0.06	0.14	0.20	0.26									
40	18		0.16	0.22	0.28										
	20		0.12	0.18	0.24										
	22		0.09	0.15	0.20										
	24		0.05	0.12	0.17										
35	18		0.13	0.19											
	20		0.10	0.15											
	22		0.07	0.12											
	24		0.03	0.09											
30	18		0.10												
	20		0.07												
	22		0.04												
	24		0.02												

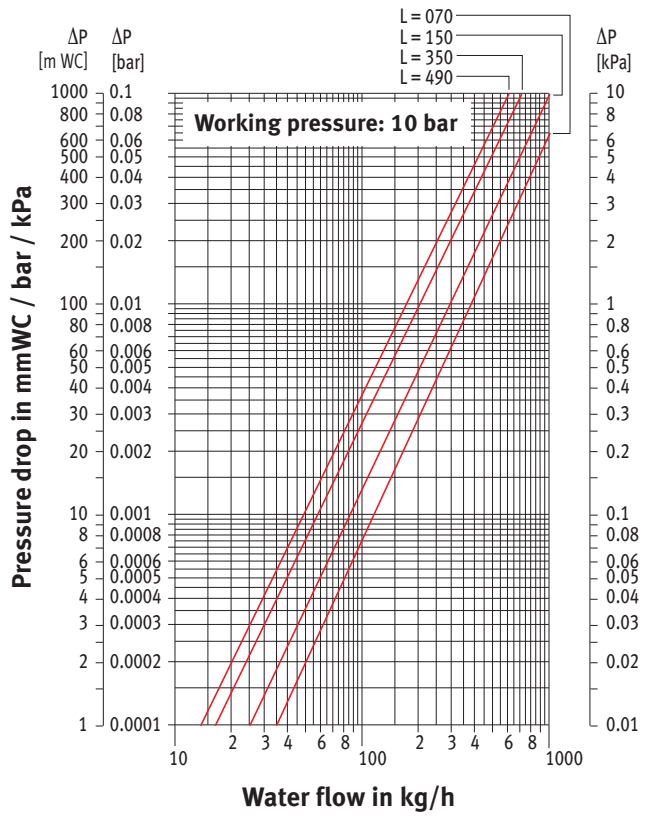
The indicated outputs with $\Delta T 50$ and $\Delta T 60$ are the exact outputs. $\Delta T 50$ output measured in accordance with EN 442 and $\Delta T 60$ output calculated according to EN 442. An average correction factor is given in this table for all other ΔT outputs, applicable for all dimensions.

MINI CANAL - PRESSURE DROP

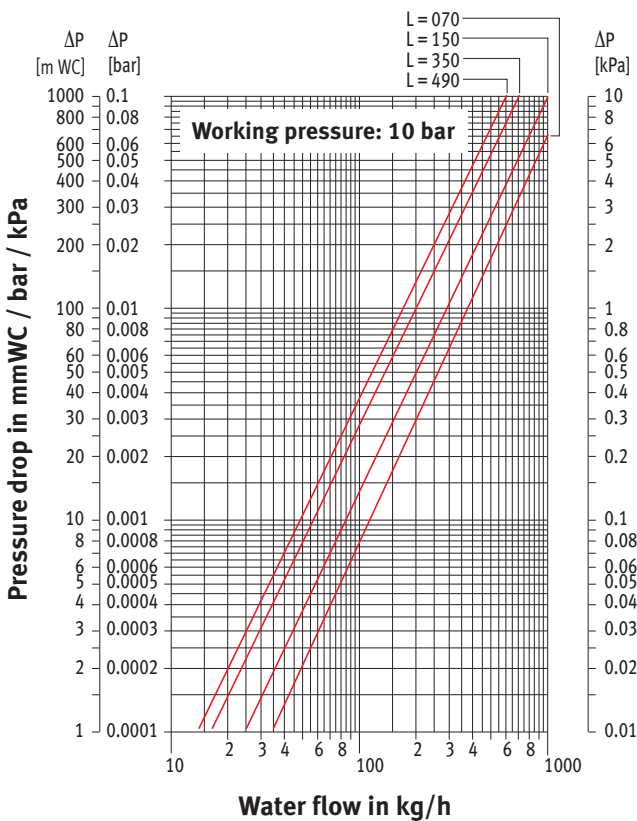
PRESSURE DROP TYPE 04 OPPOSITE END CONNECTION



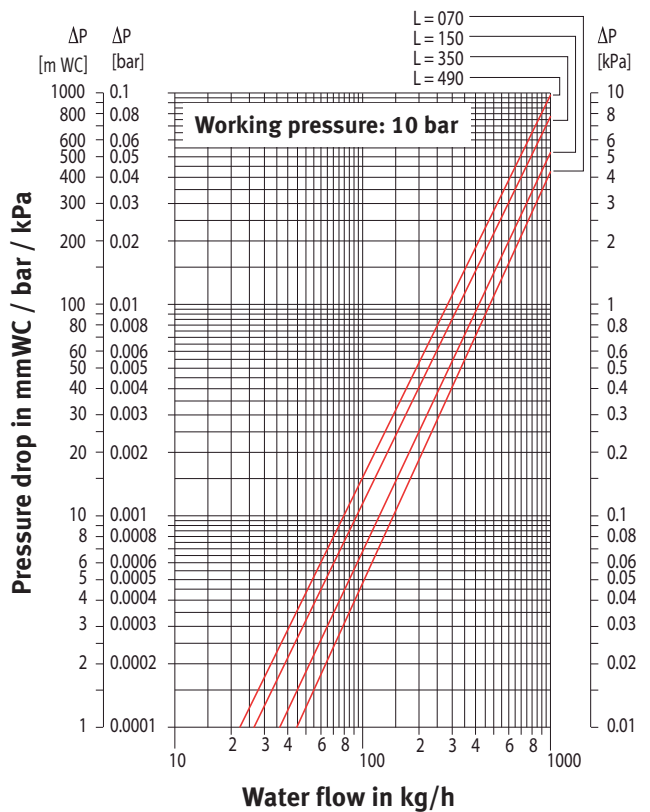
PRESSURE DROP TYPE 05



PRESSURE DROP TYPE 09

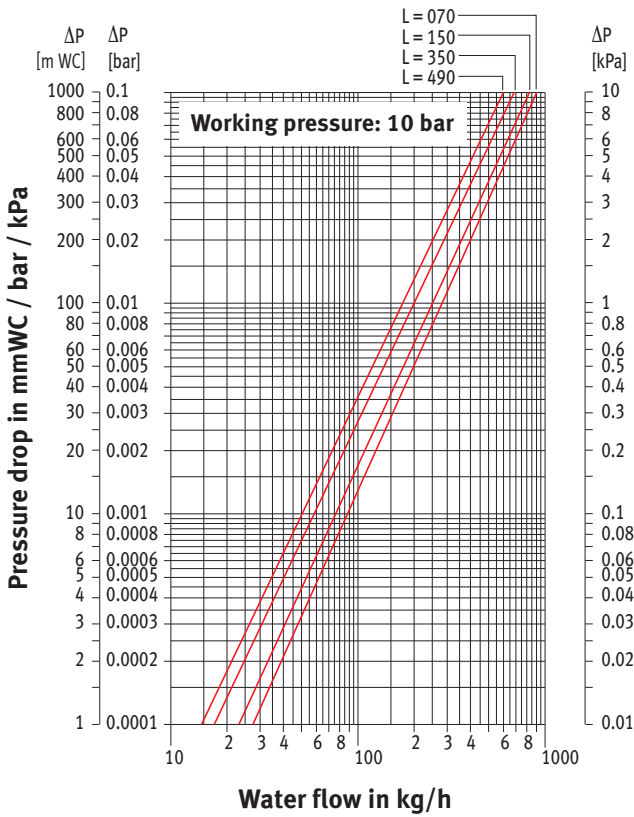


PRESSURE DROP TYPE 10

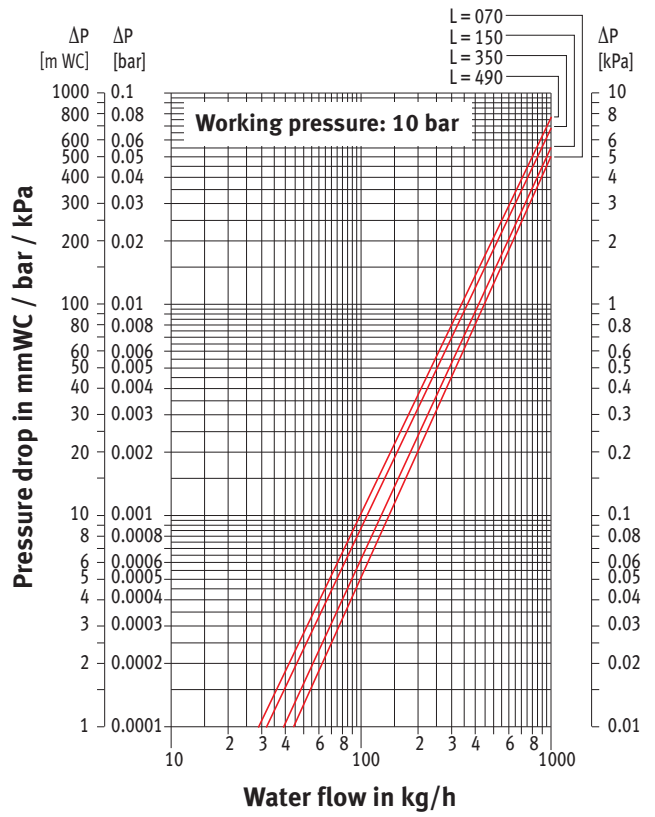


PRESSURE DROP - MINI CANAL

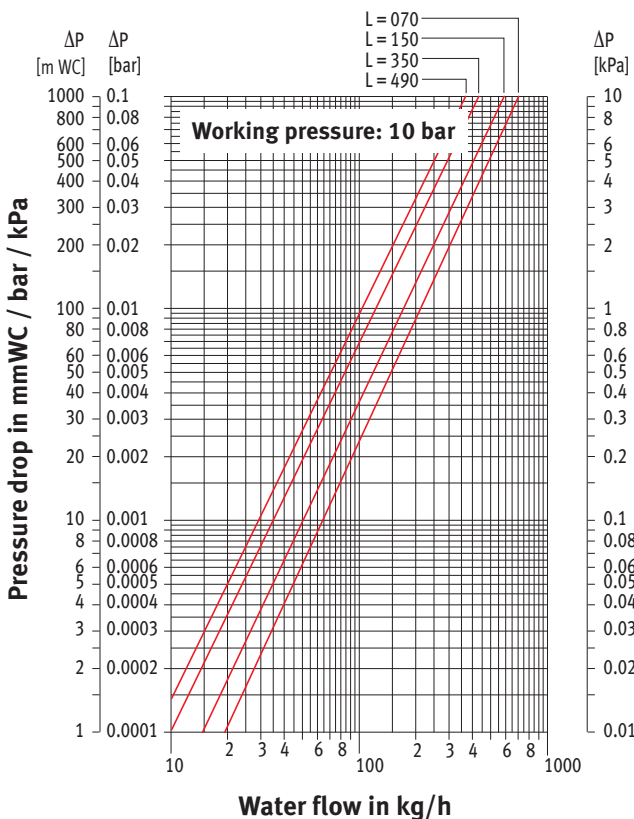
PRESSURE DROP TYPE 14



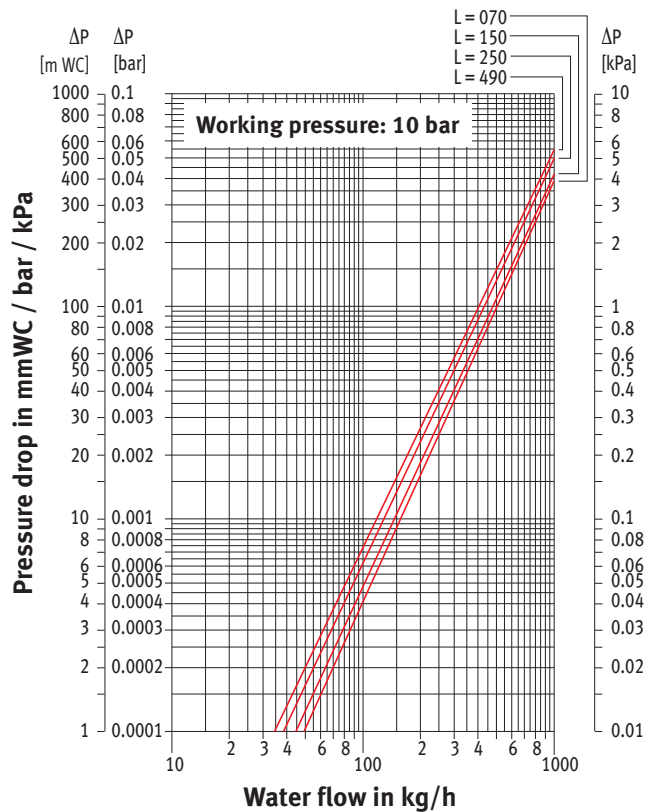
PRESSURE DROP TYPE 15

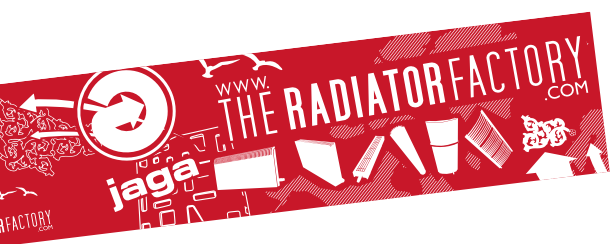


PRESSURE DROP TYPE 19



PRESSURE DROP TYPE 20





Jaga International
Verbindingslaan 16
B-3590 Diepenbeek

Tel.: +32 11 29 41 12
Fax: +32 11 29 41 60
E-mail: export@jaga.be
www.jaga.be

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