

Max. output / application range HeatBloC® MCom series

MC41
direct



Δt	DN 20 (¾") Page	DN 25 (1") Page	DN 32 (1¼") Page	DN 40 (1½") Page	DN 50 (2") Page
20 K		50 kW 34	65 kW 42	150 kW 50	250 kW 54
10 K		25 kW 34	32,5 kW 42	75 kW 50	125 kW 54
7,5 K		19 kW 34	24,5 kW 42	56 kW 50	94 kW 54
5 K		13 kW 34	16 kW 42	37,5 kW 50	62,5 kW 54

MC42
3-way mixing valve



Δt	DN 20 (¾") Page	DN 25 (1") Page	DN 32 (1¼") Page	DN 40 (1½") Page	DN 50 (2") Page
20 K		40 kW 35	51 kW 43	125 kW 51	230 kW 55
10 K		20 kW 35	25,5 kW 43	62,5 kW 51	115 kW 55
7,5 K		15 kW 35	19 kW 43	47 kW 51	86 kW 55
5 K		10 kW 35	13 kW 43	31 kW 51	57,5 kW 55

MC43
3-way mixing valve with bypass



Δt	DN 20 (¾") Page	DN 25 (1") Page	DN 32 (1¼") Page	DN 40 (1½") Page	DN 50 (2") Page
20 K		45,5 kW 36	64 kW 44	125 kW 52	
10 K		23 kW 36	32 kW 44	62,5 kW 52	
7,5 K		17 kW 36	24 kW 44	47 kW 52	
5 K		12 kW 36	16 kW 44	31 kW 52	

MC44
3-way mixing valve with bypass



Δt	DN 20 (¾") Page	DN 25 (1") Page	DN 32 (1¼") Page	DN 40 (1½") Page	DN 50 (2") Page
20 K		45,5 kW 37	64 kW 45		
10 K		23 kW 37	32 kW 45		
7,5 K		17 kW 37	24 kW 45		
5 K		12 kW 37	16 kW 45		

MC45
3-temperature mixing valve



Δt	DN 20 (¾") Page	DN 25 (1") Page	DN 32 (1¼") Page	DN 40 (1½") Page	DN 50 (2") Page
20 K		32,5 kW 38			
10 K		16 kW 38			
7,5 K		12 kW 38			
5 K		8 kW 38			

MC46 - Boiler charging set
with 3-way mixing valve



Δt	DN 20 (¾") Page	DN 25 (1") Page	DN 32 (1¼") Page	DN 40 (1½") Page	DN 50 (2") Page
20 K		45,5 kW 39	64 kW 46	125 kW 53	
10 K		23 kW 39	32 kW 46	62,5 kW 53	
7,5 K		17 kW 39	24 kW 46	47 kW 53	
5 K		12 kW 39	16 kW 46	31 kW 53	

MV
Modular distribution manifold



Δt	DN 20 (¾") Page	DN 25 (1") Page	DN 32 (1¼") Page	DN 40 (1½") Page	DN 50 (2") Page
20 K		80 kW 126	150 kW 128	250 kW 130	400 kW 132
10 K		80 kW 126	150 kW 128	250 kW 130	400 kW 132
7,5 K		80 kW 126	150 kW 128	250 kW 130	400 kW 132
5 K		80 kW 126	150 kW 128	250 kW 130	400 kW 132



PAW heating systems - Dimensioning tables

CoolBloC series

Max. output / application range CoolBloC series

C31



Δt	DN 20 (¾") Page	DN 25 (1") Page	DN 32 (1¼") Page	DN 40 (1½") Page	DN 50 (2") Page
20 K		46,5 kW 114	50 kW 116		
10 K		23 kW 114	25 kW 116		
7,5 K		17 kW 114	19 kW 116		
5 K		11,5 kW 114	12,5 kW 116		

C34

3-way mixing valve with bypass



Δt	DN 20 (¾") Page	DN 25 (1") Page	DN 32 (1¼") Page	DN 40 (1½") Page	DN 50 (2") Page
20 K		43 kW 115	48 kW 117		
10 K		21,5 kW 115	24 kW 117		
7,5 K		16,5 kW 115	18 kW 117		
5 K		10 kW 115	12 kW 117		

MV

Modular distribution manifold



Δt	DN 20 (¾") Page	DN 25 (1") Page	DN 32 (1¼") Page	DN 40 (1½") Page	DN 50 (2") Page
20 K		80 kW 126	150 kW 128		
10 K		80 kW 126	150 kW 128		
7,5 K		80 kW 126	150 kW 128		
5 K		80 kW 126	150 kW 128		



PAW heating systems - Dimensioning tables

HeatBloC® - Standard series

Max. output / application range HeatBloC® standard series

K31 direct	Δ t	DN 20 (¾") Page		DN 25 (1") Page		DN 32 (1¼") Page		DN 40 (1½") Page		DN 50 (2") Page	
		20 K	30 kW	64	50 kW	76	65 kW	92	150 kW	106	250 kW
10 K	15 kW	64	25 kW	76	32 kW	92	75 kW	106	125 kW	108	
7,5 K	11 kW	64	18,5 kW	76	24 kW	92	56 kW	106	93,5 kW	108	
5 K	7,5 kW	64	12,5 kW	76	16 kW	92	37,5 kW	106	62,5 kW	108	

K32 3-way mixing valve	Δ t	DN 20 (¾") Page		DN 25 (1") Page		DN 32 (1¼") Page		DN 40 (1½") Page		DN 50 (2") Page	
		20 K	21 kW	66	32,5 kW	78	51 kW	94	125 kW	107	230 kW
10 K	10,5 kW	66	15,5 kW	78	25,5 kW	94	62,5 kW	107	115 kW	109	
7,5 K	7,5 kW	66	12 kW	78	19 kW	94	46,5 kW	107	86 kW	109	
5 K	5 kW	66	8 kW	78	12,5 kW	94	31 kW	107	57,5 kW	109	

K33 Controlled circuit with constant value	Δ t	DN 20 (¾") Page		DN 25 (1") Page		DN 32 (1¼") Page		DN 40 (1½") Page		DN 50 (2") Page	
		20 K	10 kW	67	20 kW	79					
10 K	5 kW	67	10 kW	79							
7,5 K	3,5 kW	67	7,5 kW	79							
5 K	2,5 kW	67	5 kW	79							

K33R Controlled circuit with constant value	Δ t	DN 20 (¾") Page		DN 25 (1") Page		DN 32 (1¼") Page		DN 40 (1½") Page		DN 50 (2") Page	
		20 K			45,5 kW	80	64 kW	95			
10 K			22,5 kW	80	32 kW	95					
7,5 K			17 kW	80	24 kW	95					
5 K			11 kW	80	16 kW	95					

K34 3-way mixing valve with bypass	Δ t	DN 20 (¾") Page		DN 25 (1") Page		DN 32 (1¼") Page		DN 40 (1½") Page		DN 50 (2") Page	
		20 K	21 kW	68	45,5 kW	81	64 kW	96			
10 K	10,5 kW	68	22,5 kW	81	32 kW	96					
7,5 K	7,5 kW	68	17 kW	81	24 kW	96					
5 K	5 kW	68	11 kW	81	16 kW	96					



PAW heating systems - Dimensioning tables

HeatBloC® - Standard series

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K35
3-temperature mixing valve



Δt	DN 20 (¾") Page	DN 25 (1") Page	DN 32 (1¼") Page	DN 40 (1½") Page	DN 50 (2") Page
20 K		32,5 kW 83			
10 K		16 kW 83			
7,5 K		12 kW 83			
5 K		8 kW 83			

K36(E)
Boiler charging set



Δt	DN 20 (¾") Page	DN 25 (1") Page	DN 32 (1¼") Page	DN 40 (1½") Page	DN 50 (2") Page
20 K	20 kW 69	40 kW 84	60 kW 98		
10 K	10 kW 69	20 kW 84	30 kW 98		
7,5 K	7,5 kW 69	15 kW 84	22,5 kW 98		
5 K	5 kW 69	10 kW 84	15 kW 98		

K38
4-way mixing valve



Δt	DN 20 (¾") Page	DN 25 (1") Page	DN 32 (1¼") Page	DN 40 (1½") Page	DN 50 (2") Page
20 K		33 kW 85	52 kW 99		
10 K		16,5 kW 85	26 kW 99		
7,5 K		12 kW 85	19,5 kW 99		
5 K		8 kW 85	13 kW 99		

System separation



Δt	DN 20 (¾") Page	DN 25 (1") Page	DN 32 (1¼") Page	DN 40 (1½") Page	DN 50 (2") Page
20 K		25 kW 146			
10 K		12,5 kW 146			
7,5 K		9 kW 146			
5 K		6 kW 146			

MV
Modular distribution manifold



Δt	DN 20 (¾") Page	DN 25 (1") Page	DN 32 (1¼") Page	DN 40 (1½") Page	DN 50 (2") Page
20 K	50 kW 124	80 kW 126	150 kW 128	250 kW 130	400 kW 132
10 K	25 kW 124	40 kW 126	75 kW 128	125 kW 130	200 kW 132
7,5 K	18,5 kW 124	30 kW 126	56 kW 128	94 kW 130	150 kW 132
5 K	12,5 kW 124	20 kW 126	37,5 kW 128	62,5 kW 130	100 kW 132