

Technical data Type BR, oil heated, 230 V 50 Hz / 110V 50 Hz

Type	heating-coil	[bar]	BR600/3	BR750/3	BR900/3	BR1000/3
contents, heating coil	3/8"	300	2,4 Ltr.	2,92 Ltr.	3,55 Ltr.	4,17 Ltr.
		500	2,1 Ltr.	2,56 Ltr.	3,10 Ltr.	3,66 Ltr.
		700	-----	1,14 Ltr.	1,38 Ltr.	1,62 Ltr.
Allowed operating pressure [bar]	3/8"	200	5,23 Ltr.	6,17 Ltr.	6,89 Ltr.	7,60 Ltr.
		300	300	300	300	300
		500	500	500	500	500
Allowed operating temp. [°C] (°F)	1/2"	200	200	200	200	200
		300	300	300	300	300
		500	500	500	500	500
Dimension length x width x height [mm] *	Standard		95 (203)	95 (203)	95 (203)	95 (203)
	Steam level		160 (320)	160 (320)	160 (320)	160 (320)
weight [kg] *1			570x405x535	570x405x625	570x405x710	570x405x810
Tube -Ø of the heating coil [mm]	3/8"	300	50,3	58,0	64,0	68,0
		500	53,8	62,5	69,2	74,0
		700	63,6	74,5	85,10	91,6
Operating voltage/ frequency[V/Hz]	1/2"	200	49,2	56,2	58,5	62,9
		300	23	28	36	40
		500	22	26	28	32
nozzle [G/h]	3/8"	300	17,2	17,2	17,2	17,2
		500	18,0	18,0	18,0	18,0
		700	18,0	18,0	18,0	18,0
Oil flow [kg/h]	1/2"	200	21,4	21,4	21,4	21,4
		300	230 / 50	230 / 50	230 / 50	230 / 50
		500	110 50/60	110 50/60	110 50/60	110 50/60
Effective range of capacity [kW]	3/8"	300	1,1	1,5	1,65	1,75
		500	3,74 - 4,60	5,10 - 6,24	5,61 - 7,42	5,95 - 7,87
		700	40 - 50	50 - 62	62 - 73	65 - 85
degree of efficiency of combustion [%]	1/2"	200	>= 91	>= 91	>= 91	>= 91
		300	180 (356)	180 (356)	180 (356)	180 (356)
		500	<= 9	<= 9	<= 9	<= 9
Max. flue gas temperature [°C] (°F)	3/8"	300	0 - 1	0 - 1	0 - 1	0 - 1
		500	0 - 1	0 - 1	0 - 1	0 - 1
		700	0 - 1	0 - 1	0 - 1	0 - 1
Flue gas loss [%]	1/2"	200	17,2	17,2	17,2	17,2
		300	18,0	18,0	18,0	18,0
		500	18,0	18,0	18,0	18,0
Soot value according to Bacherach	3/8"	300	21,4	21,4	21,4	21,4
		500	21,4	21,4	21,4	21,4
		700	21,4	21,4	21,4	21,4

*1: Dimensions and weights without safety device and control system
 Weight of safety device and control system: 9,6 kg

Dimensioned drawing

