



Technical data R40 EVO

R40 EVO		60	70	80	100	120	140
Seasonal space heating efficiency class*	-	A	A	-	-	-	-
Nominal heat output at 80/60 °C	kW	56,5	65,5	75,3	92,9	111,9	130,4
Minimum heat output at 80/60 °C	kW	15,5	15,6	19,4	18,7	22,5	26,2
Nominal heat output at 50/30 °C	kW	60,4	70,0	79,7	98,9	118,5	137,8
Minimum heat output at 50/30 °C	kW	17,2	17,2	21,2	20,6	24,8	28,9
Nominal heat input Hi full load	kW	57,9	66,8	76,8	95,2	114,3	133,3
Minimum heat input Hi min load	kW	16,0	16,0	19,8	19,0	22,9	26,7
Efficiency at 80/60 °C Hi full load	%	97,6	98,0	98,0	97,6	97,9	97,8
Efficiency at 50/30 °C Hi min load	%	107,4	107,3	107,2	108,5	108,4	108,3
Efficiency at 40/30 °C min load	%	108,3	108,5	108,6	110,0	109,9	109,8
Annual efficiency (NNG 40/30 °C)	%	108,7	109,1	109,4	109,4	109,1	108,7
NOx level (EN15502)	mg/kWh	25	33	41	47	38	30
Flue gas temperature at 80/60 °C full load	°C	59	60	61	60	63	66
Max. permissible flue resistance	Pa	167	200	200	173	134	200
Water pressure max/min	bar	8/1					
Maximum temperature setpoint	°C	90					
Water flow at ΔT=10K	m³/h	5,0	5,8	6,6	8,0	9,6	11,4
Hydraulic resistance at ΔT=10K	kPa	60	72	88	28	36	44
Water flow at ΔT=20K (nominal)	m³/h	2,5	2,9	3,3	4,0	4,8	5,7
Hydraulic resistance at ΔT=20K	kPa	15	18	22	7	9	11
Water flow at ΔT=30K	m³/h	1,7	1,9	2,2	2,7	3,2	3,8
Hydraulic resistance at ΔT=30K	kPa	7	8	10	3	4	5
Electrical connection	V/HZ	230/50					
Electrical power consumption (excl. pump)	W	96	122	130	131	119	149
Noise level	dB(A)	55	55	56	62	57	59
Water content	l	6	6	6	9	9	9
Weight	kg	83	83	83	96	96	96
Dimensions							
Water connections (W1/W2)	-	R1¼"	R1¼"	R1¼"	R1½"	R1½"	R1½"
Gas connection (G)	-	R¾"	R¾"	R¾"	R1"	R1"	R1"
Flue gas connection (F)	mm	100	100	100	100	100	130
Air intake connection (A)	mm	100	100	100	100	100	130
Condensate connection (C)	mm	22					

*In accordance with directive 2010/30/EU and regulation (EU) 813/2013

