

Data sheet

Dulcodes 1 x 230 LP; operating parameters in accordance with; DVGW Worksheet W 294-1

Manufacturer	ProMinent GmbH
Fitting position	Vertical or horizontal
Operating pressure	max. 10 bar
Ambient temperature	5 ... 40°C
Water temperature	2 ... 40°C
Mains connection	230 V ± 10 %/50 ... 60 Hz
Connected power	310 W
Lamp current	4.0 A
UV sensor, DVGW, 160°	1 no. Material no. 1076149
Sensor window, G1x20	1 no. Material no. 1076118
UV lamp	1 no. Material no. 1061752
Lamp protection tube	1 no. Material no. 1058838
Lamp service life/switches	Max. 14,000 operating hours/3,000 switches

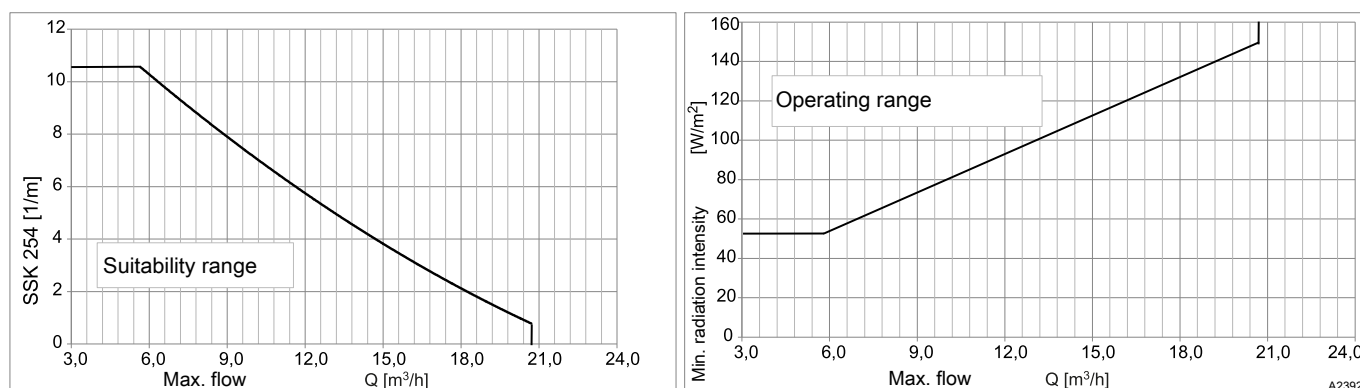


Fig. 1: Design diagram/Operating diagram

Design diagram: Dulcodes 1x230 LP

Flow	permissible SSK-254 values
0 ... 5.7 m³/h	SSK-254 < 10.46 m ⁻¹
5.7 ... 20.7 m³/h	See following table, ☞ „Operating and design table“ on page 2
> 20.7 m³/h	not permitted

Operating diagram: Dulcodes 1x230 LP

Flow	min. radiation intensity E _{min}
0 ... 5.7 m³/h	E _{min} > 54.4 W/m²
5.7 ... 20.7 m³/h	See following table, ☞ „Operating and design table“ on page 2
> 20.7 m³/h	not permitted

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Operating and design table

Warning threshold: The warning threshold is 10% above the minimum radiation intensity.

Max. flow	Max. SSK-254	Min. UV transmission (Layer thickness 1 cm)	Minimum radiation intensity to be complied with	Warning threshold
[m³/h]	[1/m]	[%]	[W/m²]	[W/m²]
5.7	10.46	78.6	54.4	59.8
6.0	10.29	78.9	54.5	59.9
6.5	9.88	79.7	56.5	62.2
7.0	9.47	80.4	58.7	64.5
7.5	9.07	81.2	60.9	67.0
8.0	8.68	81.9	63.2	69.5
8.5	8.29	82.6	65.5	72.1
9.0	7.91	83.4	68.0	74.8
9.5	7.53	84.1	70.5	77.6
10.0	7.16	84.8	73.1	80.5
10.5	6.80	85.5	75.8	83.4
11.0	6.44	86.2	78.6	86.5
11.5	6.09	86.9	81.5	89.6
12.0	5.75	87.6	84.4	92.9
12.5	5.41	88.3	87.4	96.2
13.0	5.08	89.0	90.5	99.6
13.5	4.75	89.6	93.7	103.1
14.0	4.44	90.3	97.0	106.7
14.5	4.12	90.9	100.3	110.4
15.0	3.82	91.6	103.8	114.1
15.5	3.52	92.2	107.3	118.0
16.0	3.23	92.8	110.9	122.0
16.5	2.94	93.5	114.5	126.0
17.0	2.66	94.1	118.3	130.1
17.5	2.39	94.7	122.1	134.3
18.0	2.12	95.2	126.0	138.6
18.5	1.86	95.8	130.0	143.0
19.0	1.60	96.4	134.1	147.5
19.5	1.35	96.9	138.3	152.1
20.0	1.11	97.5	142.5	156.8
20.5	0.87	98.0	146.8	161.5
20.7	0.81	98.2	148.2	163.0

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