Industrial heating chimney data

HPKI-K / R / W 120kW - 2000kW (Pellets)

PELLETS	Output [kW] @ nominal & part load	CO2-content [%] [experience average]	Flue gas mass flow [m³/hr]	Flue gas temperature [°C]	Residual flue fan pressure [Pa] on automatic mode	Ø Flue pipe connection + Flue pipe [mm]	Ø Chimney [mm]
HPKI-K 120	120 40	12.6 9.7	215 88.7	170 120	9 8	200 250	250
HPKI-K 150	150 45	12.6 9.7	266.0 99.8	170 120	8 8	200 250	250
HPKI-K (R,W) 180	180 54	12.6 9.7	326.0 121	170 120	8 5	200 250	250
HPKI-K (R,W) 240	240 72	12.6 9.7	423.2 158	170 120	8 7	200 300	300
HPKI-K (R,W) 300	300 90	12.6 9.7	537.9 74.5	170 120	12 11	200 300	300
HPKI-K (R,W) 360	360 108	12.6 9.7	656.4 243.4	170 120	11 11	250 350	350
HPKI-K (R,W) 450	450 135	12.6 9.7	797.9 298.3	170 120	9 9	300 400	400
HPKI-K (R,W) 550	550 165	12.6 9.7	1003 374.0	170 120	11 11	300 400	450
HPKI-K (R,W) 700	700 210	12.6 9.7	1234 461.6	170 120	9 7	300 400	450
HPKI-K (R,W) 900	900 270	12.6 9.7	1641 608.5	170 120	9 7	360 500	500
HPKI-K (R,W) 1200	1200 360	12.6 9.7	2163 802.5	170 120	11 11	400 550	600
HPKI-K (R,W) 1600	1600 480	12.6 9.7	2901 1076	170 120	13 13	400 550	600
HPKI-K (R) 2000	2000 600	12.6 9.7	3647 1345	170 120	13 11	400 600	600

Notes: 1. Changes of the direction of the flue only with 45° bends. 2. These figures are guidelines from Remeha-Gilles. 3. In general the flue must have as little horizontal and as much vertical as possible - please refer to notes on page 44

Conversion of [m³/std] to [g/s] > [m³/std] divided by 2,707 = [g/sec]
Conversion of [m³/std] to [kg/s] > [m³/std] divided by 2707 = [kg/s]