

Commercial Electric Steam Boilers



23rd September 2020

TECHNICAL SPECIFICATIONS - Model TEKNIK - Type :	Handy Proff	K-DH-6kW	K-DH-15kW	K-DH-22kW	K-DH-60kW	K-DH-120kW-Type 1	K-DH-120kW-Type 2	K-DH-180kW
Nom. Power Ratings & Nom. Electrical Consumption - kW	1,5	3,3-3,9-4,8-6,0	7-8-10-12-15	7-10-12-15-18-22	20-24-33-39-44-54-60	72 - 120	72-120	124 - 180
Working Pressure / (Design pressure) - bar gauge	1-2½ / (2,8)	2½ - 6 / (7)	2½ - 7 / (8)	2½ - 7 / (8)	2½ - 8½ / (9,5)	2½ - 8½ / (9,5)	2½ - 8½ / (9,5)	2½ - 8½ / (9,5)
Steam Output - kg/h @ 4 - 5 barg steam & ~80°C feed water	~2 (2,8barg-10°C vand)	3 - 9	8 - 23	11 - 33	30 - 90	60 - 180	60 - 180	90 - 270
Voltage - Volts 50/60 Hz	230	230/400	230/400	230/400	230/400 (up to 42 kW) 400 (from 54 to 60 kW)	230/400 (up to 84 kW) 400 (from 108 to 120 kW)	230/400 (up to 84 kW) 400 (from 108 to 120 kW)	230/400 (up to 126 kW) 400 (from 162 to 180 kW)
Basic Heat Stages - kW	-	-	-	-	0-30-60	0-30-60-90-120	0-30-60-90-120	0-30-60-90-120-150-180
Volume of Boiler Compartment - Litres	4	4,9	16	24,9	55	55 (2 off)	55 (2 off)	55 (3 off)
Min. Water Level Volume - Litres	-	2	7,1	7,5	27	27	27	27
Pump motor - kW		0,37	0,5	0,5	1,2	2 x 1,2	1,2	1,2
Safety thermostat - °C	180	170	190	190	190	190	190	190
Steam Outlet Dimension (height of nozzle from ground)	Pistol & 3m hoze	3/8" (-)	½" (-)	½" (H = 620 mm)	½" (H=520mm)	½" (520/1200mm)	½" (520/1050mm)	½" (H=520/1075/1635mm)
Feed Water Inlet Dimension (height of nozzle from ground)	Open Nozzele in front	3/8" (-)	3/8" (-)	3/8" (H = 380 mm)	3/8" (H=160mm)	3/8" (H=160mm)	3/8" (H=160mm)	3/8" (H=160mm)
Overall Size of Cabinet L x W x H - mm	300 x 450 x 850	390 x 550 x 1000	445 x 650 x 950	490 x 550 x 765	630x830 x 830	780 x 830 x 1400	950 x 1160 x 1150	1130 x 1000 x 1700
Size transport L x W x H - mm	320 x 470 x 950	470 x 670 x 1030	470 x 670 x 1030	520 x 600 x 780	800 x 900 x 900	900 x 900 x 1600	1400 x 1300 x 1050	1200 x 1500 x 1900
Weight Net (empty) - kg	18	57	74	85	114	230	243	315
Weight Gross (operation) - kg	28	62	89	108	141	300	300	440
Weight Transport (including packing) - kg	20	61	78	111	131	248	288	337
Approval CE - Pressure Vessel acc. PED 97/23	√	√	√	√	√	√	√	√
Working / service area around - m	1 (in front)	1 (in front)	1 (in front)	1 (in front) 1 (on right side)	1 (in front) 1 (on left side)	1 (in front) 1 (on left side)	1 (in front) 1 (on right side)	1 (in front) 1 (on right side)
Accessories & Special Design (optional extras)								
Condensate & Feed Water Tank, Volume - Litres	-	45	45	45	83	160	160	160
Water softener	-	√	√	√	√	√	√	√
Chemical dosing	-	√	√	√	√	√	√	√
Stainless Steel Design (Clean Steam Applications)	Standard	√	√	√	√	√	√	√
Assembled on platform - Skid-mounted Solution	-	√	√	√	√	√	√	√
Platform Dimensions LxW / Weight Empty - mm / kg	-	800x1200 / 25	800x1200 / 25	800x1200 / 25	1200x1200 / 40	1800x1200 / 50	1800x1200 / 50	1800x1200 / 50