

AB&CO GROUP

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Commercial Electric Steam Boilers



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TECHNICAL SPECIFICATIONS - Model TEKNIK - Type :	Handy Proff	K-DH-6kW	K-DH-15kW	K-DH-22kW	K-DH-60kW	K-DH-120kW	K-DH-180kW
Max . Power Ratings & Max. Electrical Consumption - kW	1,5	3,3-3,9-4,8-6	6-8,1-9-10,5-12-15	9-10,5-12-15-18-22	21-27-30-33-39-42-54-60	66-78-84-108-120	99-117-126-162-180
Working Pressure / (Design pressure) - bar gauge	1 - 2½ / (2,8)	2 - 6 / (7) <small>Note 1</small>	2 - 7 / (8) <small>Note 1</small>	2 - 7 / (8) <small>Note 1</small>	2 - 8½ / (9,5) <small>Note 1</small>	2 - 8½ / (9,5) <small>Note 1</small>	2 - 8½ / (9,5) <small>Note 1</small>
Steam Output - kg/h @ 4 - 5 barg steam & ~80°C feed water	~2 (2,8barg, 10°C)	3 - 9	8 - 23	11 - 33	30 - 90	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 126 kW) 400 (from 162 to 180 kW)
Volume of boiler compartment - Litres	4	4,9	16	24,9	55	55 (2 off)	55 (3 off)
Min. Water Level Volume - Litres	-	2	7,1	7,5	27	27	27
Pump motor - kW	0,048	0,37	0,5	0,5	0,5	2 x 0,5	3 x 0,5
Steam Outlet Dimension (height of nozzle from ground)	Pistol & 3m hose	3/8" (H=1040mm)	1/2" (H=1160mm)	1/2" (H=620mm)	1/2" (H=520mm)	1/2" (520/1200mm)	1/2" (H=520/1075/1635mm)
Feed Water Inlet Dimension (height of nozzle from ground)	Open Nozzle in Front	3/8" (H=150mm)	3/8" (H=150mm)	3/8" (H=380 mm)	3/8" (H=160mm)	3/8 (H=160/790)	3/8 (H=160mm)
Overall Size of Steam Boiler Unit L x W x H - mm	300 x 450 x 850	400 x 600 x 1000	450 x 650 x 950	500 x 550 x 800	850x850 x 650	850 x 850 x 1600	1200 x 850 x 1900
Overall Transport Size L x W x H - mm	350 x 500 x 950	500 x 700 x 1100	550 x 750 x 1050	600 x 650 x 900	950 x 950 x 750	950 x 950 x 1700	1300 x 950 x 2000
Weight Net (empty) - kg	18	57	74	85	114	230	315
Weight Gross (operation) - kg	28	62	89	108	141	300	440
Weight Transport (including packing) - kg	20	61	78	111	131	248	337
EU approval - CE-mark - Design according PED 2014/68/EU	√	√	√	√	√	√	√
Accessories & Special Design (optional extras)							
Condensate & Feed Water Tank, Volume - Litres	10 (plastic)	10	45	45	83	83	160
Water softener unit (water treatment 1)	-	√	√	√	√	√	√
Chemical dosing unit (water treatment 2)	-	√	√	√	√	√	√
Stainless Steel Design (for clean steam applications)	√ (standard)	√	√	√	√	√	√
Steam trap (for discharge of condensate)	-	√	√	√	√	√	√
Skid-mounted on base frame - complete steam supply unit	-	√	√	√	√	√	√

Note 1: Special pressostat can be supplied to obtain working pressure down to 0,2 bar gauge