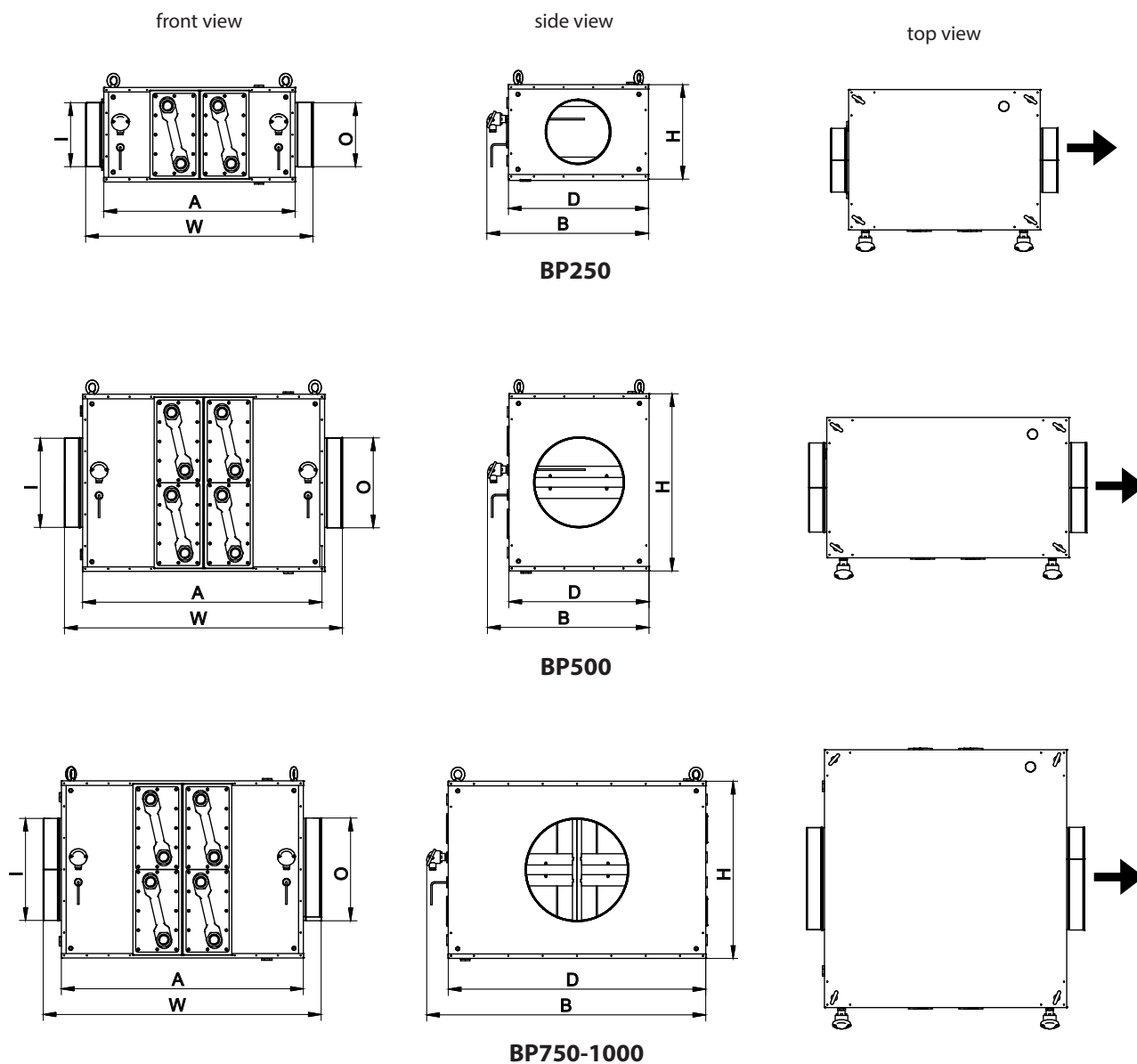


Models

Model	Item no.	Description	Approx. burner output [kW]	Natural gas Nominal flow 250 °C [m³] λ 1.2	Max. temp [°C]	Inlet (nipple) ø outside [mm]	Outlet (sleeve) ø inside [mm]	Drainage connections size internal tread [“]	Weight incl. heat exchanger [kg]	Weight excl. heat exchanger [kg]
BP250	8002300	1 step (air side) Basic cabinet 1x AIREC heat exchanger: Cross30-C-140 Copper brazed Standard connecting pipe dimensions	250	600	600	250.5	251.2	1	64	46
BP250-2	8002301	2 steps (air side) Basic cabinet 2x AIREC heat exchanger: Cross30-C-140 Copper brazed Standard connecting pipe dimensions	250	600	600	250.5	251.2	1	80	46
BP500	8002500	1 step (air side) Basic cabinet 2x AIREC heat exchanger: Cross30-C-140 Copper brazed Standard connecting pipe dimensions	500	1200	600	350.5	351.2	1	114	80
BP500-2	8002501	2 steps (air side) Basic cabinet 4x AIREC heat exchanger: Cross30-C-140 Copper brazed Standard connecting pipe dimensions	500	1200	600	350.5	351.2	1	150	80
BP750	8002600	1 step (air side) Basic cabinet 4x AIREC heat exchanger: Cross30-C-120 Copper brazed Standard connecting pipe dimensions	750	1700	600	400.5	401.2	1	190	130
BP750-2	8002601	2 steps (air side) Basic cabinet 8x AIREC heat exchanger: Cross30-C-120 Copper brazed Standard connecting pipe dimensions	750	1700	600	400.5	401.2	1	250	130
BP1000	8002700	1 step (air side) Basic cabinet 4x AIREC heat exchanger: Cross30-C-140 Copper brazed Standard connecting pipe dimensions	1000	2300	600	500.5	501.2	1	196	126
BP1000-2	8002701	2 steps (air side) Basic cabinet 8x AIREC heat exchanger: Cross30-C-140 Copper brazed Standard connecting pipe dimensions	1000	2300	600	500.5	501.2	1	266	126

Dimensions



NOTE: Illustrations above show 2-step models

Model/Dimension	W	H	D	A	B	I *	O *
BP250/-2	893.1 mm	371.4 mm	551.7 mm	752.8 mm	635 mm	250.5 mm	251.2 mm
BP500 /-2	1092.1 mm	696.4 mm	551.7 mm	951.8 mm	635 mm	350.5 mm	351.2 mm
BP750/-2	1092.1 mm	696.4 mm	1013.2 mm	951.8 mm	1096.5 mm	400.5 mm	401.2 mm
BP1000/-2	1092.1 mm	696.4 mm	1013.2 mm	951.8 mm	1096.5 mm	500.5 mm	501.2 mm

* I = Inlet with nipple coupling (outer measure)
O = Outlet with sleeve coupling (inner measure)

Heat exchangers

Compatibility	Model	Item no.	Joint material	Plates	Water connection ["]	Max pressure [bar] 190 °C plate temp	Number of heat exchangers (1 step)	Number of heat exchangers (2 steps)	Weight [kg]
For BP250/-2	Cross30-C-140	3200989	Copper brazed	139	G 1 1/4	12	1	2	17.5
For BP500/-2	Cross30-C-140	3200989	Copper brazed	139	G 1 1/4	12	2	4	17.5
For BP750/-2	Cross30-C-120	3200988	Copper brazed	119	G 1 1/4	12	4	8	15
For BP1000/-2	Cross30-C-140	3200989	Copper brazed	139	G 1 1/4	12	4	8	17.5

General specifications

- Handles flue gas temperatures up to 600 °C
- Can be combined with other Basic Plate units in a modular fashion
- All parts in connection with flue gas made in stainless steel 316 (EN 1.4404)
- All external parts made in stainless steel 304 (EN 1.4301)
- 40 mm insulation
- Maximum pressure water side of heat exchangers 12 bar (190 °C plate temperature)
- Designed for indoor use. Can be used outside if the product is covered / encapsulated
- Possibility for nickel brazed heat exchangers in harsh environments
- 4 drainage tubes to remove condensation
- In conformance with 2014/68/EU Fluid Group: 1 & 2
- In conformance with 2006/42/EC

Accessories

- PT 1000 temperature transmitter

Compatibility	Item no.	Length
For BP250	2400278	300 mm
For BP500	2400278	300 mm
For BP750	2400310	400 mm
For BP1000	2400310	400 mm

- Silicon hose ø 8/4 mm (**2000335**)
- Pressure connector ø 8/4 mm for hose (**2400266**)
- Cover plate for single (**2400068**)
- Cover plate for double (**2400067**)

Spare parts

- Heat exchanger gasket (**2400282**)

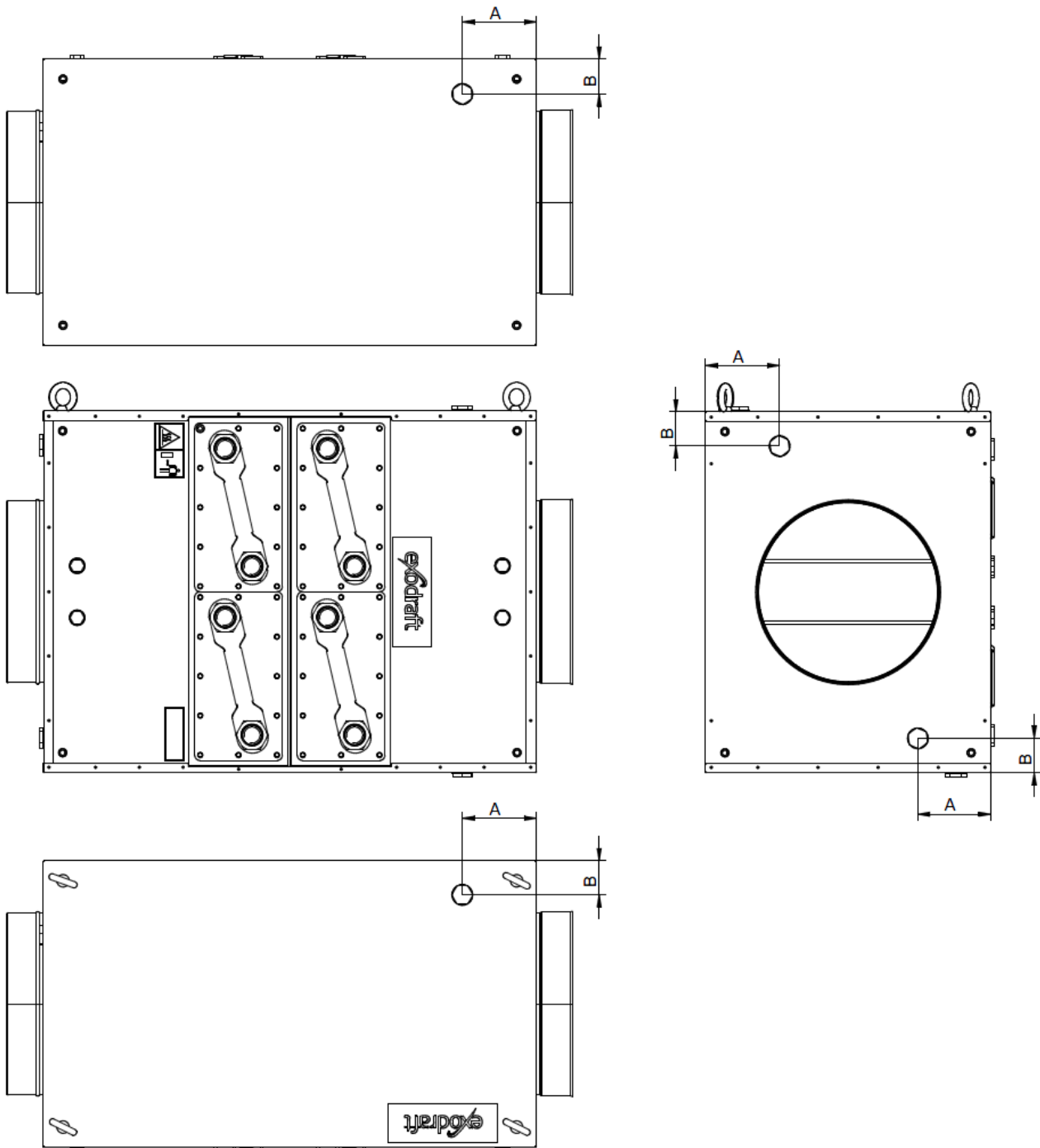
Heat exchangers (copper brazed)

- Heat exchanger Cross30-C-120 (**3200988**)
- Heat exchanger Cross30-C-140 (**3200989**)

Heat exchangers (nickel brazed)

- Heat exchanger Cross30-N-120 (**3201014**)
- Heat exchanger Cross30-N-140 (**3200880**)

Drain positions



Model	A	B
BP250/-2	143 mm	66.5 mm
BP500/-2	143 mm	66.5 mm
BP750/-2	143 mm	66.5 mm
BP1000/-2	143 mm	66.5 mm