

BOMAT Profitherm up to **350 kW**

BOMAT Profitherm up to **1000 kW**

RNA BOMAT RNA CLEANING AND NEUTRALISING SYSTEMS FOR HEATING, INDUSTRIAL AND CHP APPLICATIONS

The acidifying elements contained in fuel oil or natural gas (e.g. sulphur) cause aggressive acids (such as sulphuric acid) to be formed during combustion and subsequent condensation. BOMAT neutralising and cleaning systems treat (neutralise) this acidic condensate so that it is suitable to be fed into the public waste water system.

Note: In Germany, Code of Practice ATV-DVWK-A 251 regulates the discharge of condensate from combustion equipment. Acidic condensate from condensing systems can destroy waste water pipework.

BENEFITS OF BOMAT RNA SYSTEMS

Integral siphon O Integral oil separator O Replaceable absorber element for particle separation O Large sedimentation volume for sludge settling O Easy maintenance thanks to backflushing function and removable filter basket for neutralising granulate O Compact construction and wide range of accessories

RNA		Product number
	RNA Aktiv 60(SD) (up to 60 kW boiler output) Vessel with 2 connectors, Ø 25: condensate inlet (bottom), outlet (top), filter bas- ket with activated charcoal, filter basket with granulate, hinged cover Inlet height: 35 mm, outlet height: 115 mm Dimensions: LxBxH 322 x 200 x 150 mm	90 838 35
	Also available with backflushing function (up to 100 kW boiler output) but with sliding cover Dimensions: LxBxH 322 x 200 x 297mm	90 838 40
	Maintenance package	90 816 30
	RNA-Komfort oil/gas (up to 100 kW boiler output) with backflushing function Vessel with 2 connectors: Condensate inlet (bottom), outlet (top), filter basket with granulate, filter foam, fast-coupling backflushing unit, cover with hole Inlet height: 35 mm, outlet height: 115 mm Dimensions: LxWxH 322 x 200 x 177 mm	90 830 40
	Maintenance package	90 831 20
	RNA-Komfort XL oil/gas (up to 500 kW boiler output) with backflushing func- tion Vessel with 2 connectors: Condensate inlet (bottom), outlet (top), filter basket with filter holder and granulate, filter foam, fast-coupling backflushing unit, cover Inlet height: 45 mm, outlet height: 160 mm Dimensions: LxWxH 515 x 330 x 266 mm	90 830 60
	Maintenance package	90 831 30
	RNA-Komfort XL oil/gas (up to 500 kW boiler output) with backflushing func- tion and integral condensate pump Vessel with connectors for condensate inlet (bottom), filter basket with filter holder and granulate, filter foam, condensate pump (230 V/50 Hz with standard plug), fast-coupling backflushing unit, cover, incl. float switch and potential-free fault indicator output (pump diagram on request), 192 l/h with 3 m delivery head Inlet height: 45 mm Dimensions: LxWxH 485 x 330 x 310 mm Maintenance package	90 830 50
		90 831 30

				Product number
1s fil ne 2r co fil In	t condensate pre-cleaning s ter basket, activated charco ectors for condensate inlet a nd neutralising stage, consis over, 2x connectors ext. Ø 2 ushing unit, incl. 150 mm co let height: 35mm, outlet he	stage with siphon effect* co cal filling, cover, undergrave and overflow in 2nd vessel sting of vessel with filter ba 5 mm for condensate inlet a nnecting hose for the two v eight: 115 mm	filter, absorber, 2x con- sket, granulate filling, ind outlet. Fast-coupling	90 840 00
м	aintenance package			90 831 10
Ve 1s pr 2r ch	essel with cover, condensat t settlement chamber with oducts nd condensate pre-cleaning narcoal filling and undergrav	e inlet and outlet connector siphon effect* for sediment stage consisting of 2 clippe rel filter	ation of solid combustion d-in filter baskets with	90 850 00
in 4t In Di	g, 2x fast-coupling flushing h settlement chamber with let height: 35mm, outlet he	units 1 siphon effect eight: 115 mm	aces wer grandee m	90 831 40
	Is fill ne 2r co fill In 1 Di 2r	Ist condensate pre-cleaning s filter basket, activated charco nectors for condensate inlet 2nd neutralising stage, consi cover, 2x connectors ext. Ø 2 flushing unit, incl. 150 mm co Inlet height: 35 mm, outlet he Dimensions: LxWxH 717 x 20Maintenance packageRNA Maxi CHP (max. conder Vessel with cover, condensate Ist settlement chamber with products 2nd condensate pre-cleaning charcoal filing and undergrav 3rd neutralising stage, consis ing, 2x fast-coupling flushing 4th settlement chamber with Inlet height: 35 mm, outlet he Dimensions: LxWxH 695 x 4	filter basket, activated charcoal filling, cover, undergravel nectors for condensate inlet and overflow in 2nd vessel 2nd neutralising stage, consisting of vessel with filter ba cover, 2x connectors ext. Ø 25 mm for condensate inlet a flushing unit, incl. 150 mm connecting hose for the two v Inlet height: 35mm, outlet height: 115 mm Dimensions: LxWxH 717 x 200 x 177mm Maintenance package RNA Maxi CHP (max. condensate rate 15 l/h) Vessel with cover, condensate inlet and outlet connector 1st settlement chamber with siphon effect* for sediment products 2nd condensate pre-cleaning stage consisting of 2 clipped charcoal filling and undergravel filter 3rd neutralising stage, consisting of 2 clipped-in filter base ing, 2x fast-coupling flushing units 4th settlement chamber with siphon effect Inlet height: 35mm, outlet height: 115 mm Dimensions: LxWxH 695 x 400 x 265 mm	Ist condensate pre-cleaning stage with siphon effect* consisting of vessel with hiter basket, activated charcoal filling, cover, undergravel filter, absorber, 2x con- nectors for condensate inlet and overflow in 2nd vessel2nd neutralising stage, consisting of vessel with filter basket, granulate filling, cover, 2x connectors ext. Ø 25 mm for condensate inlet and outlet. Fast-coupling flushing unit, incl. 150 mm connecting hose for the two vessels. Inlet height: 35 mm, outlet height: 115 mm Dimensions: LxWxH 717 x 200 x 177 mmMaintenance packageRNA Maxi CHP (max. condensate rate 15 l/h) Vessel with cover, condensate inlet and outlet connectors, Dext. 25 Ist settlement chamber with siphon effect* for sedimentation of solid combustion products 2nd condensate pre-cleaning stage consisting of 2 clipped-in filter baskets with charcoal filling and undergravel filter 3rd neutralising stage, consisting of 2 clipped-in filter baskets with granulate fill- ing, 2x fast-coupling flushing units 4th settlement chamber with siphon effect Inlet height: 35 mm, outlet height: 115 mm Dimensions: LxWxH 695 x 400 x 265 mm

Condensate pump with vessel Incl. float switch and potential-free fault message output (pump diagram on request), 192 l/h with 3 m delivery head, 230 V/50 Hz with standard plug Dimensions: LxWxH 315 x 200 x 250 mm	90 730 20
Condensate hose kit DN 40, consisting of: 1.5 m NW 19 condensate hose 1 adaptor DN 40 x 25 Silicone hose section 2 adaptors DN 25 2 hose clamps Ø 40	95 317 10
Condensate hose kit DN 50, consisting of: 1.5 m NW 19 condensate hose 1 adaptor DN 50 x 25 Silicone hose section 2 adaptors DN 25 2 hose clamps Ø 50	95 317 20
Condensate hose NW 19, by the metre as required	32 860 05
Adaptor for condensate hose NW 19 to DN 25	32 850 60

* Siphon seal water height = 110 mm

Note: Since higher exhaust gas pressures may occur in CHP units, an additional siphon may have to be provided on site.