

RNA





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

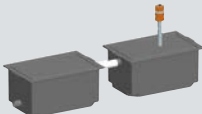
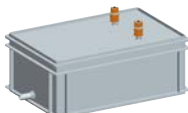

The acidifying elements contained in fuel oil or natural gas (e.g. sulphur) cause aggressive acids (such as sulphuric acid) to be formed during combustion and subsequent condensation. BOMAT neutralising and cleaning systems treat (neutralise) this acidic condensate so that it is suitable to be fed into 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 ○ Integral oil separator ○ Replaceable absorber element for particle separation ○ Large sedimentation volume for sludge settling ○ Easy maintenance thanks to backflushing function and removable filter basket for neutralising granulate ○ 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 basket 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 297 mm	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 function 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 function 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	90 830 50
	Maintenance package	90 831 30

RNA		Product number
	<p>Komfort SE CHP (max. condensate rate 6 l/h)</p> <p>1st condensate pre-cleaning stage with siphon effect* consisting of vessel with filter basket, activated charcoal filling, cover, undergravel filter, absorber, 2x connectors for condensate inlet and overflow in 2nd vessel</p> <p>2nd 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.</p> <p>Inlet height: 35 mm, outlet height: 115 mm Dimensions: LxWxH 717 x 200 x 177 mm</p>	<p>90 840 00</p>
	<p>Maintenance package</p>	<p>90 831 10</p>
	<p>RNA Maxi CHP (max. condensate rate 15 l/h)</p> <p>Vessel with cover, condensate inlet and outlet connectors, Dext. 25</p> <p>1st settlement chamber with siphon effect* for sedimentation of solid combustion products</p> <p>2nd condensate pre-cleaning stage consisting of 2 clipped-in filter baskets with charcoal filling and undergravel filter</p> <p>3rd neutralising stage, consisting of 2 clipped-in filter baskets with granulate filling, 2x fast-coupling flushing units</p> <p>4th settlement chamber with siphon effect</p> <p>Inlet height: 35 mm, outlet height: 115 mm Dimensions: LxWxH 695 x 400 x 265 mm</p>	<p>90 850 00</p>
	<p>Maintenance package</p>	<p>90 831 40</p>
Accessories		Product number
	<p>Condensate pump with vessel</p> <p>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</p> <p>Dimensions: LxWxH 315 x 200 x 250 mm</p>	<p>90 730 20</p>
	<p>Condensate hose kit DN 40, consisting of:</p> <p>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</p>	<p>95 317 10</p>
	<p>Condensate hose kit DN 50, consisting of:</p> <p>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</p>	<p>95 317 20</p>
	<p>Condensate hose</p> <p>NW 19, by the metre as required</p>	<p>32 860 05</p>
	<p>Adaptor for condensate hose</p> <p>NW 19 to DN 25</p>	<p>32 850 60</p>

* 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.