



ALKON 50-70.



Unical

# Accessories: neutralizing kits

## Optional acid condensate neutralizing kit

The condensate water produced during combustion reacts with NO<sub>x</sub> forming acid molecules (pH value = 4,5). It could become necessary to neutralize these substances before their discharge

in the drainage system water. In order to respect the ecosystem Unical proposes the NH condensate neutralizers.

### **KIT NH 500** - for boiler outputs up to 500 kW (code 00361551):

the neutralization occurs according to the principal of the passage of acidic condensate through the granular neutralizing material.

The passage takes place from the bottom to the upper direction.

### **Kit NH 1000** - for boiler outputs up to 1000 kW (code 00361136):

in the NH 1000 system the condensate is converged through a zone filled up by a granular neutralizing material, in which an integrated filter layer can also be found.

When evacuating this zone the neutralized condensate reaches a level controller pump, also operating as an hoisting system, which pumps it towards the drain outlet. This system is able to treat up to 140 l/h of condensate, for boiler outputs up to 1000 kW and it is approved by the German body DVGW.

		<b>KIT NH 500</b>	<b>KIT NH 1000</b>
FLOW RATE	l/h	UP TO 70	up to 140
BOILER OUTPUT	kW	UP TO 500	up to 1000
DELIVERY HEAD		-	4 m a 140 l/h
FLUID TEMPERATURE	°C	5-40	5-40
STAGNATION POINT HEIGHT	mm	90	90
NEUTRALIZING SUBSTANCE		GENO® - Neutralit -Hz	GENO® - Neutralit -Hz
DURATION OF NORMAL CONDENSATE		12 months (1500 operating hrs)	12 months (1500 operating hrs)
CONDENSATE/AMBIENT WATER TEMPERATURE	°C	5 - 60	5 - 40
DIMENSIONS (lengthxwidthxheight)	mm	476x300x185	640 x 400 x 270
INLET/OUTLET CONNECTION		DN 15	DN 20/DN 10
INLET/OUTLET HEIGHT	mm	50/90	50
HEIGHT TOO FULL OR 2° OUTLET TUBE		-	150
ELECTRICAL CONNECTION	W	-	230V/50Hz
ABSORBED ELECTRICAL OUTPUT	A	-	45
ABSORBED ELECTRICAL SUPPLY		-	0,33
PROTECTION GRADE		-	IP 54

## CONDENSATE NEUTRALIZERS

- KIT NH 500 (boiler output up to 500 kW)
- KIT NH 1000 (boiler output up to 1000 kW)
- Neutralizer salts refill – Refill 8:
- Neutralizer salts refill – Refill 25:

code: 00361551  
code: 00361136  
code: 00361138  
code: 00361139

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