

Automatic Waste Water Lifting Unit



New!
Above-floor Box 32/40
Underfloor Box 32/40



Above-floor Box 021

Fields of Application

Single Lifting Unit - Above-floor Box 021

- Automatic drainage of wash-basins, showers, washing-machines, etc.

Single Lifting Unit - Above-floor Box 32/40

- Automatic drainage of buildings and premises below the backwash level
- Disposal of highly contaminated, fibre-containing water, e.g. from laundries, common washing facilities, washing-machines and dish washers (also hot water cycle), industrial plants

Single Lifting Unit - Underfloor Box 32

- Automatic drainage of rooms, garage gateways and cellars subject to a flooding risk as well as of wash-basins, showers, etc.
- Overflow protection in rainwater utilisation systems

Dual Lifting Unit - Underfloor Box Z 32

- EN 12 050-2 stipulates that units requiring uninterrupted waste water drainage must be designed as dual units (Z)

Single Lifting Unit - Underfloor Box 40

- Automatic drainage of buildings and premises below the backwash level
- Disposal of highly contaminated, fibre-containing water, e.g. from laundries, common washing facilities, washing-machines and dish washers (also hot water cycle), industrial plants

Singel Lifting Unit - Above-floor Box R 03.1/R 04.1

- Cooling lubricant supply to machine tools
- Disposal duties, for example in filling stations, car repair shops, car washes, etc.
- Lubricants industry

Medium Handled

Standard Variant - Particle Size 10 mm

Slightly contaminated water, also containing solid particles with a particle size of up to 10 mm.

For aggressive water, use Ama-Drainer C variant, and for water containing oil, use Ama-Drainer R variant instead of standard variant.

Standard Variant - Particle Size 35 mm

Waste water containing long fibres and substances liable to twist and bunch, also solid particles with a particle size of up to 35 mm.

Ama-Drainer-Box R

Raffinates such as oil emulsions, metal-working oils, etc; waste water containing oil but no coarse particles or substances liable to twist; other thin-bodied fluids not aggressive to the pump materials.

*Ama-Drainer-Box is **not** suitable for sewage from urinals and toilets. For these applications please use our mini-Compacta/Compacta sewage lifting units.*

Operating Data

Standard Variant

	Above-floor Box 021 (25 l)	Above-/Underfloor Box 32/40 (90 l)	Underfloor Box Z 32 (90 l)
Q	up to 8 m ³ /h, 2.2 l/s	up to 35 m ³ /h, 9.7 l/s	up to 14 m ³ /h, 3.9 l/s
H	up to 6.5 m	up to 21 m	up to 12 m
t	up to 35 °C ¹⁾	up to 40 °C ²⁾	up to 35 °C ¹⁾

1) Up to 3 minutes for waste water from hot water cycle of washing-machines and dish washers for non-industrial use.

2) 35 °C for continuous operation of of Ama-Drainer 301, 303 and 324. Up to 3 minutes for waste water from hot water cycle of washing-machines and dish washers for non-industrial use.

CE - EN 12 050-2

Variant R

Above-floor Box

	Round tank R 03.1 Volume 90 l	Rectangular tank R 04.1 Volume 180 l
Q	up to 35 m ³ /h, 9.7 l/s	up to 35 m ³ /h, 9.7 l/s
H	up to 21 m	up to 24 m
t	up to 40 °C	up to 40 °C
Special units (up to 420 l) upon request		

For designation, design/variant and materials see page 2.