

Diese Zeichnung ist Eigentum der  
 Fa. Grasl GmbH A-3452 Heiligeneich, Wiener Landstr.9  
 Die Weiterverwendung oder Vervielfältigung ohne unser schriftliches Einverständnis ist verboten!

**Assembly of the box:**

- 1) Plaster the flush-mounted frame in the stonework
- 2) Connect the building site existing pipeline with the AK6 by using a connector
- 3) Put the AK 6 into the flush-mounted frame
- 4) Fix the cover plate on the flush-mounted frame
- 5) When using CO2 one-way bottles, mount the valve as per drawing (bottle screwed in from the top, i.e. liquid gas discharge).
- 6) We recommend using CO2 bottles according to Drawing No.: 03.023.01.x and point out that the VdS approval is only valid with these bottles.

**Connections:**

CA ... cylinder "OPEN" by high pressure hose

**Description of function:**

The releasing command results in that the gas contained in the CO2 bottle is released.  
 The releasing result by pushing down the release lever.

**Releasing:**

Manual releasing: Push release lever down until it locks.

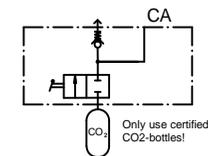
**Commissioning:**

- 1) Unlock the release lever and press it up
- 2) Check if the piercing needle is located behind the piercing surface of the bottle screw-in thread!
- 3) Lightly grease O-ring in the bottle screw-in thread
- 4) Screw in new CO2 bottle, replace glass pane and close the box.
- 5) Following releasing, remove empty CO2 bottle (Caution: Residual pressure may be present) and repeat the process.

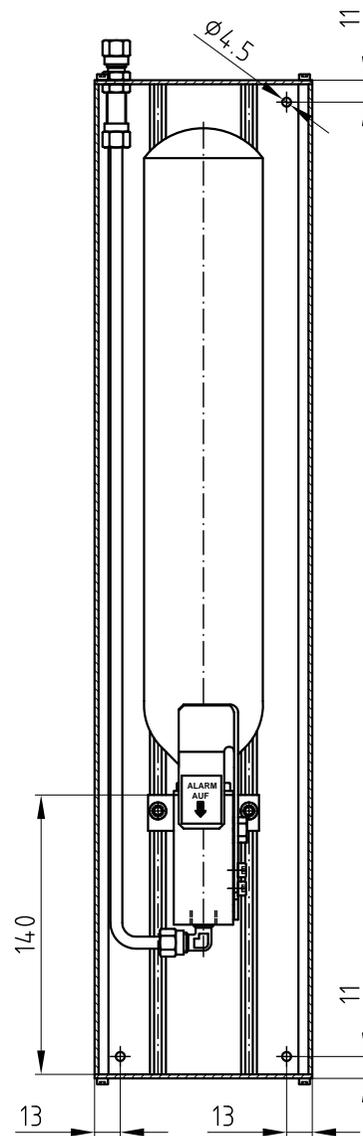
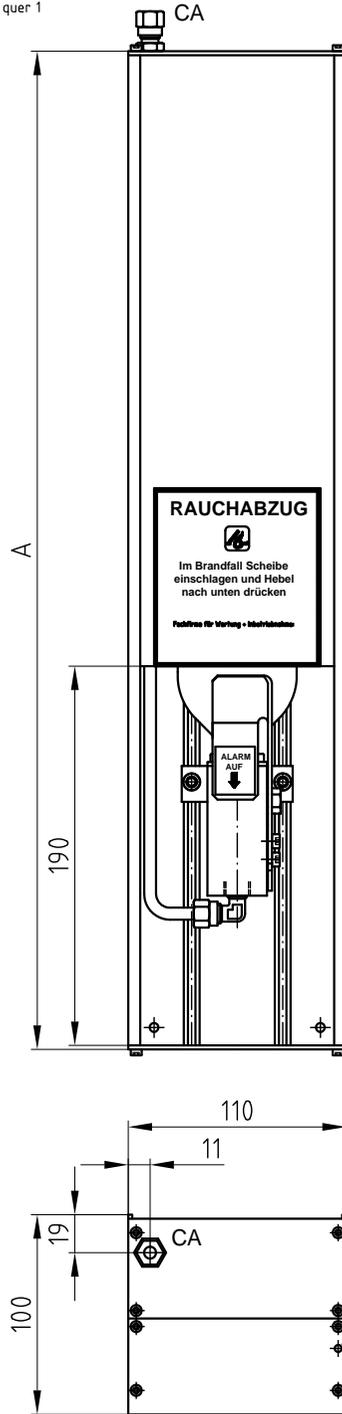
**Technical data:**

max. operating pressure	80bar
nominal width of valve	1,8mm
nominal width of piercing needle	2mm
ambient temperature range	-25°C - +55°C
VdS approval no.	G 504001

**Pneumatic symbol:**



GRASL Pneumatik-Mechanik-GmbH A-3452 Heiligeneich Wiener Landstraße 9		Freimaßtoleranz nach DIN 7168:	Maßstab: 1:1	Werkstoff:
			ID - Nr.:	
		Datum	Name	Bezeichnung:
	Bear.	21.09.2009	Simefzberger	<b>Alarm box</b> AK 6-HA-UP for flush-mounted fitting
	Gepr.	26.08.2010	ER	
	Norm			
		Type:	AK	Zeichnung Nr.:
				06.003.DAT.16.01-E
01	VdS-Anerkennungsnr.	22.07.2010	SA	Blatt
Zus.	Änderung	Datum	Name (Urspr.)	Bl.
				(Ers.f.) 06.003.DAT.16.00 (Ers.d.)



**Assembly of the box:**

- 1) Join the respective connections.
- 2) When using CO2 one-way bottles, mount the valve as per drawing (bottle screwed in from the top, i.e. liquid gas discharge).
- 3) We recommend using CO2 bottles according to Drawing No.: 03.023.01.x and point out that the VdS approval is only valid with these bottles.

**Connections:**

CA ... cylinder "OPEN"

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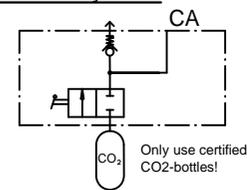
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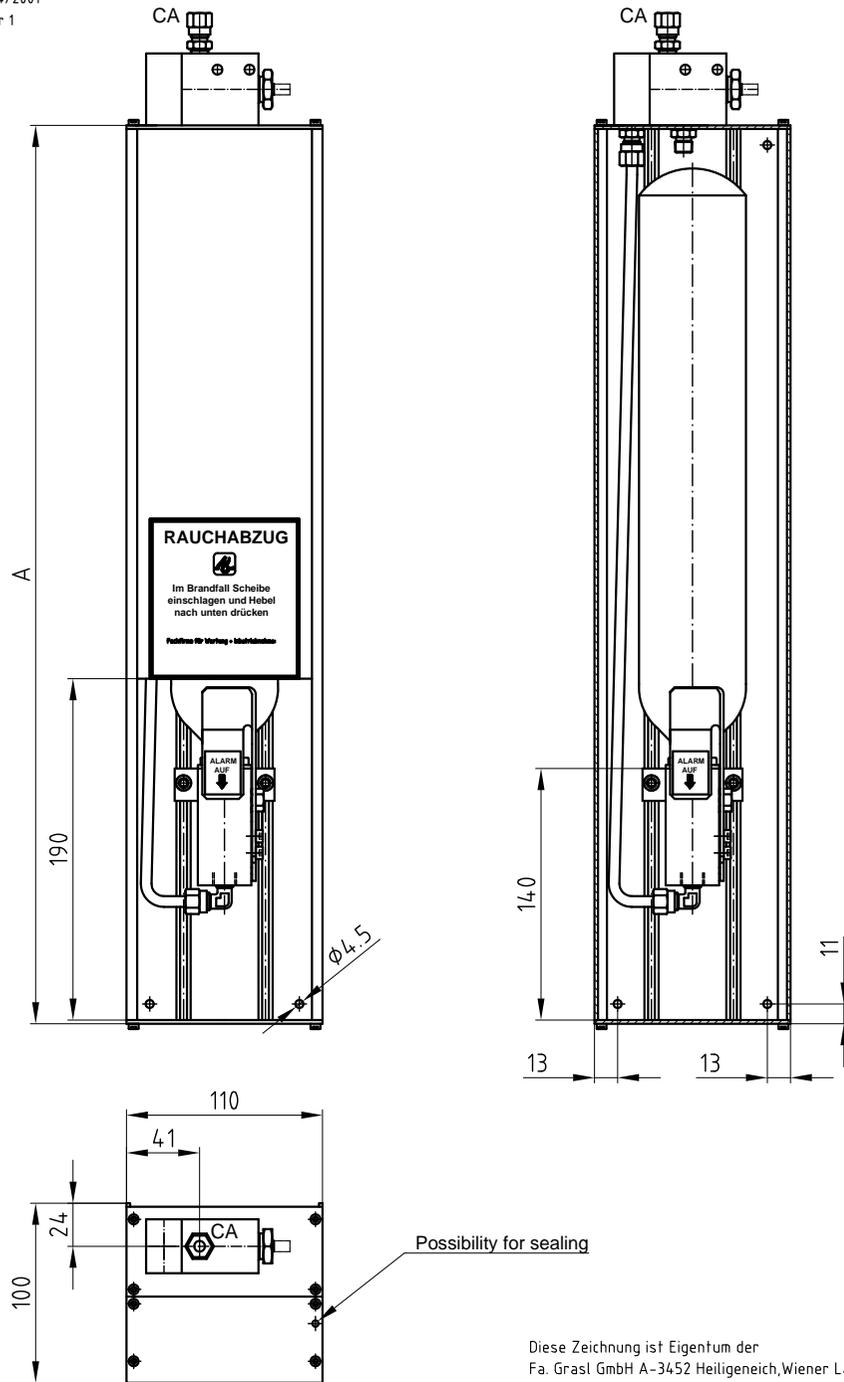
**Types:**

Type	Thread	Size A
AK6-HA	1/2" UNF	500
AK6-HA-M18x1,5	M18x1,5	500
AK7-HA	1/2" UNF	300
AK7-HA-M18x1,5	M18x1,5	300

Possibility for sealing

Diese Zeichnung ist Eigentum der  
 Fa. Grasl GmbH A-3454 Reidling, EuropastraÙ 1  
 Die Weiterverwendung oder Vervielfälti-  
 gung ohne unser schriftliches Einver-  
 ständnis ist verboten!

GRASL Pneumatic-Mechanik GmbH A-3454 Reidling EuropastraÙe 1		Freimaßtoleranz nach DIN 7168:	Maßstab: 1:1	Werkstoff:
			ID - Nr.:	
		Datum	Name	Bezeichnung:
	Bear.	21.09.2009	Simefzberger	<b>Alarm box</b> AKx-HA
	Gepr.	26.08.2010	ER	
	Norm			
		Type:	Zeichnung Nr.:	Blatt
		AKx-HA	06.003.DAT.18.01-E	BL.
Zus.	Änderung	Datum	Name (Urspr.)	(Ers.f.)
				06.003.DAT.18.00 (Ers.d.)



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- 1) Join the respective connections.
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- 3) We recommend using CO2 bottles according to Drawing No.: 03.023.01.x and point out that the VdS approval is only valid with these bottles.

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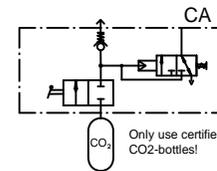
**Commissioning:**

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ambient temperature range	-25°C - +55°C
VdS approval no.	G 504001

**Pneumatic symbol:**



**Types:**

Type	Thread	Size A
AK6-HA-BVE	1/2" UNF	500
AK6-HA-BVE-M18x1,5	M18x1,5	500
AK7-HA-BVE	1/2" UNF	300
AK7-HA-BVE-M18x1,5	M18x1,5	300

GRASL Pneumatik-Mechanik-GmbH A-3452 Heiligenreich Wiener Landstraße 9		Freimaßtoleranz nach DIN 7168:	Maßstab: 1:1	Werkstoff:
			ID - Nr.:	
		Datum	Name	Bezeichnung:
	Bear.	21.09.2009	Simefzberger	<b>Alarm box</b> AK 6-HA-BVE; AK 7-HA-BVE with pressurising valve single-pipe
	Gepr.	26.08.2010	ER	
	Norm			
		Type:	Zeichnung Nr.:	
		AKx-HA-BVE		06.003.DAT.17.01-E
01	VdS-Anerkennungsnr.	22.07.2010	SA	Blatt
Zus.	Änderung	Datum	Name (Urspr.)	(Ers.f.) 06.003.DAT.17.00
			(Ers.d.)	

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