

## Aerosol Fire Fighting Generators

## RSL Aerosol Austria

### Introduction

The newly Aerosol Fire Extinguishing Systems from RSL Fire is the latest state of the Art System on the market.

RSL has been the first Aerosol FF System, which has been approved by the German VdS. The RSL Aerosol is suitable for Fire Classes A, B, C, D & F.

Recommended Agent Quantity Calculations - acc. VdS : **RSL - with or without Coolant - 73 gram / cub.m**

The extinguishing agent used with RSL is an environment friendly Calcium Hydro Carbonate, which is chemically inverted into Calcium Carbonate.












The content of Oxygen ( O<sub>2</sub> ) will be not reduced in extinguished area ( remain at 17% .... 20% ). Therefore, the RSL exting. agent is harmless for human being.

Installation,operation and maintenance is simple and cost effective - compared with other Clean Gas FF Systems. ( CO<sub>2</sub>, etc. )

**No pressurized cylinders, No Pipwork and Nozzles are needed any more !**











Further advantages are : Not toxic or danger for human being, cost effective for investment and maintenance, non-corrosive, electrical insulated up to 75.000 Volt, etc.

On page 2, we are pleased to offer also an automatic operated extinguishing panel with accessories.

Illustration ( typical )	Brand	Description & Technical Data	Model	ABM Price
RSL 20C 	RSL Fire	<b>Condensed Aerosol Generators, with coolant, Axial Nozzle</b>		
RSL 160C 		Fire Fight. for Fire Classes A, B, C , D & F		
RSL 200C 		Application: for Electrical Panels, Switchgears, Turbines, Vehicles and for General Application, Battery & Server Rooms, Stores, etc.		
RSL 500C & 1000C 		Activation : Power supply - 6-48 VDC. With manual operated button, or with an Extinguishing Control Panel. ( pls see page 2 )		
RSL 1500C 		Agent: Condensed Aerosol / Calcium- Hydrogencarbonate ( leaves O <sub>2</sub> level in area unchanged ! 17% .... 20% )		
RSL 3000C 		Op. Temp.: -50°C ..... +95°C Extinguishing Capacity: see below		
RSL 6300C 		Dimension: 240 - 386 mm x 76 - 377 mm, Mounting Bracket included		
		Approvals : VdS, EN		
		<b>20g Agent</b> radial nozzle Ext. Capacit 0,25 cub.m	<b>RSL 20C</b>	<b>211,00</b>
		<b>160g Agent</b> radial nozzle Ext. Capacit 2,00 cub.m	<b>RSL 160C</b>	<b>467,00</b>
		<b>200g Agent</b> radial nozzle Ext. Capacit 2,50 cub.m	<b>RSL 200C</b>	<b>on request</b>
		<b>500g Agent</b> radial nozzle Ext. Capacit 6,50 cub.m	<b>RSL 500C</b>	<b>1.229,00</b>
		<b>1000g Agent</b> radial nozzle Ext. Capacit 13,0 cub.m	<b>RSL 1000C</b>	<b>on request</b>
		<b>1500g Agent</b> radial nozzle, bi-directional Ext. Capacit 19,5 cub.m	<b>RSL 1500C</b>	<b>on request</b>
		<b>3000g Agent</b> radial nozzle, bi-directional Ext. Capacit 39,0 cub.m	<b>RSL 3000C</b>	<b>4.889,00</b>
	<b>6300g Agent</b> radial nozzle, bi-directional Ext. Capacit 78,0 cub.m	<b>RSL 6300C</b>	<b>on request</b>	
RSL 60CSS 	<b>60g Agent</b> Stainless Steel Case Ext. Capacit 0,75 cub.m	<b>RSL 60CSS</b>	<b>997,00</b>	
RSL 100...500CSS 	<b>100g Agent</b> Stainless Steel Case Ext. Capacit 1,25 cub.m	<b>RSL 100CSS</b>	<b>on request</b>	
	<b>200g Agent</b> Stainless Steel Case Ext. Capacit 2,50 cub.m	<b>RSL 200CSS</b>	<b>1.614,00</b>	
	<b>500g Agent</b> Stainless Steel Case Ext. Capacit 6,50 cub.m	<b>RSL 500CSS</b>	<b>on request</b>	
RSL 1000CSS 	<b>1000g Agent</b> Stainless Steel Case Ext. Capacit 13,0 cub.m	<b>RSL 1000CSS</b>	<b>3.561,00</b>	
	<b>Other models - with Radial Nozzles, or without cooling are available on request.</b>			
RSL 1700, 2800 & 3500 HH 	RSL Fire	<b>Condensed Aerosol Generators, without coolant, Hand Held Models</b>		
	Application: Fire Fighting - Fire Classes A, B, C , D and F			
	Activation : <b>Manual release</b> , or with Power supply - 6-48 VDC - with an Extinguishing Control Panel. ( pls see page 2 )			
	Agent: Condensed Aerosol / Calcium- Hydrogencarbonate ( leaves O <sub>2</sub> level in area unchanged ! 17% .... 20% )			
	Op. Temp.: -50°C ..... +95°C Extinguishing Capacity: see below			
	Dim'n's : 75 - 123 mm x 240 mm, Mounting Bracket included			
	Approvals : EN ( but not VdS )			
	<b>1700g Agent</b> ( without coolant ) Exting. Capacity 28,0 cub.m	<b>RSL 1700 HH</b>	<b>on request</b>	
	<b>2800g Agent</b> ( without coolant ) Exting. Capacity 46,0 cub.m	<b>RSL 2800 HH</b>	<b>3.596,00</b>	
	<b>3500g Agent</b> ( without coolant ) Exting. Capacity 58,0 cub.m	<b>RSL 3500 HH</b>	<b>on request</b>	

**For other options and accessories - please contact ABM**

## Fire Extinguishing Control Systems

Illustration ( typical )	Brand	Description & Technical Data	Model	ABM Price
 <p>XC1001A XC1003A</p>	Siemens	<b>Fire Extinguishing Control Panel</b> EN 12094 / EN 54 Application: <b>For control of automatic fire extinguishing systems</b> Features: two collective fire detection lines, outputs, interfaces, emergency battery charger Performance: Compact or Comfort wall mounted panel, or 19" rack; for one extinguishing zone Operation : 230 VAC / 24 VDC, also Emergency Battery Operation <b>Control Panels for Multi-Section extinguishing - please contact ABM !</b>	Compact Panel 19" Rack Mount Panel Comfort Panel XC1001 A XC1003 A XC1005 A	1.477,00 on request on request
 <p>Nano Mar ETB Box</p>	K & G	<b>Fire Extinguishing Control Panel</b> <sup>Maine Approved</sup> with ETB Control Box CE / FCC / DNV / IP 65 Application: <b>For control of automatic fire extinguishing systems</b> Operation : 12 / 24 VDC	NANO MAR & ETB	on request
	Siemens	<b>Collective Smoke Detector</b> <u>With standard base</u> VdS Approved	OP110	35,00
	Siemens	<b>Collective Heat Detector</b> <u>With standard base</u> rate of rise VdS Approved fixed temp.	HI110 HI112	29,00 28,00
	Siemens	<b>Collective Multi Detector, S+H</b> <u>With standard base</u> VdS Approved	OH110	on request
	Siemens	<b>Parallel Indicator</b> Wall or Door Frame mounted DNV / GL approved	FDAI92	19,00
	Siemens	<b>Collective Manual Fire Call Point</b> with Housing FDMH295 VdS / LPCB approved	FDM1101-RG	47,00
	Siemens	<b>Manual Extinguishing Release Button</b> with IP 65 seal <b>Manual Extinguishing STOP Button</b> with IP 65 seal EN-54 approved	DM1103-L DM1103-S	on request on request
	Siemens	<b>Collective Combined Sounder &amp; Flasher</b> IP 65 LPCB Approved	RoLP-LX-RR	on request
	Thermostick Fenwal	<b>Heat Detector, max. Heat</b> UL / FM approved 60 .... 385 °C, NON-Ex 60 .... 385 °C, Ex - Version Pls specify temperature, what is needed !	MS DAF 27121 IP 65 MS DAF 27121 ATEX	330,00 on request

For other options and accessories - please contact ABM

Brands of Extinguishing Control like : Schrack, Kentec, NSC or SCAME and others - can be offered.

\* All materials are individually inspected - prior to delivery to clients.

\* ABM offers also professional Fire Detection Systems, Ex-proofed Electrical equipment & materials, as well as individual fabricated units

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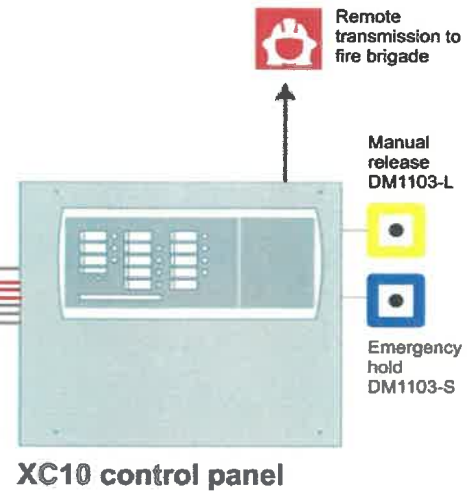
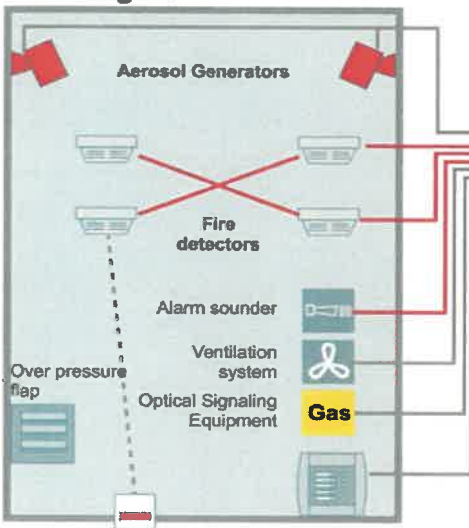
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## Typical Installation

### XC10 - single-selector Independent scenario

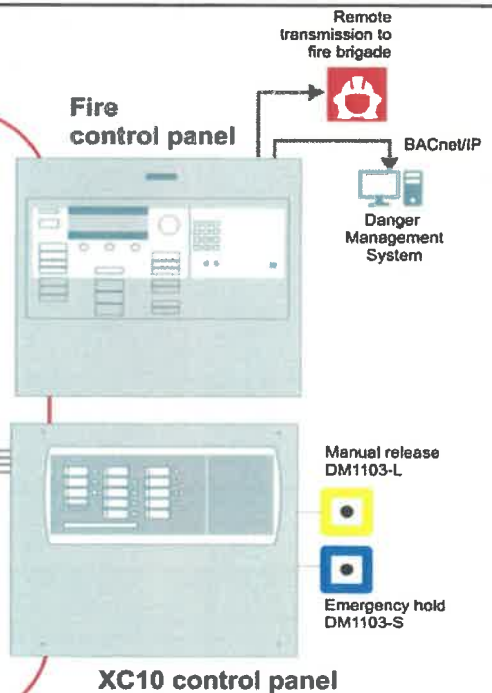
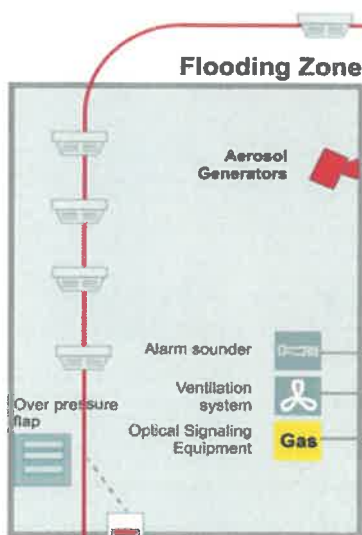
#### Flooding Zone



Caption:

- Detector line
- Electrical lines

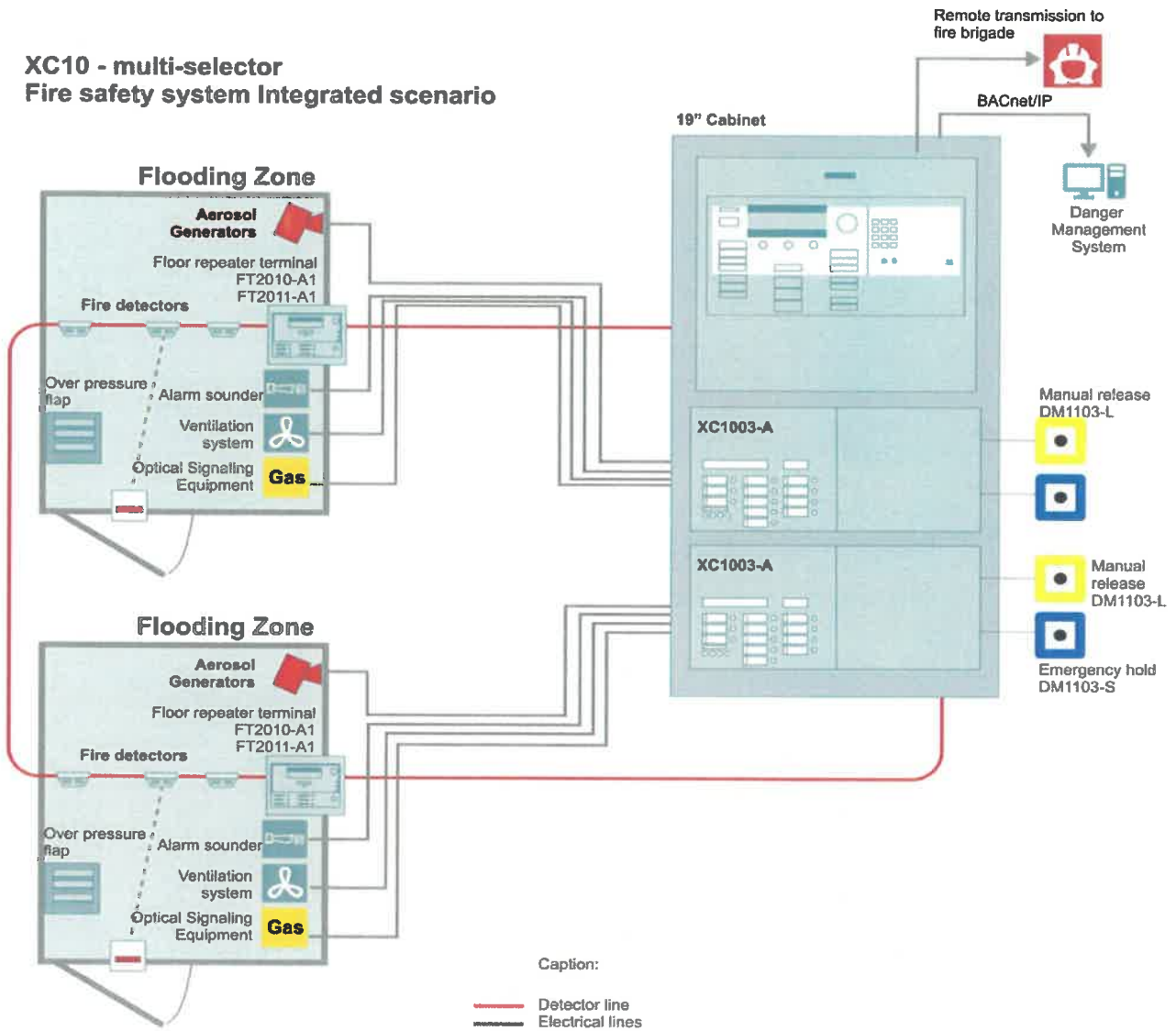
### XC10 - single-selector Integrated scenario



Caption:

- Detector line
- Electrical lines

### XC10 - multi-selector Fire safety system Integrated scenario





# Anerkennung

von Bauteilen und Systemen

# Approval

of Components and Systems



Inhaber der Anerkennung  
Holder of the Approval

WETRAX GmbH  
Schüttelgrabenring 17  
DE-71332 Waiblingen

Anerkennungs-Nr. Approval No.	Anzahl der Seiten No. of pages	gültig vom (TT.MM.JJJJ) valid from (dd.mm.yyyy)	gültig bis (TT.MM.JJJJ) valid until (dd.mm.yyyy)
G 619001	8	16.12.2023	15.12.2027

Gegenstand der Anerkennung  
Subject of the Approval

Aerosol Löschgenerator / Aerosol Generator  
"RSL Aerosolgeneratoren"

Verwendung  
Use

in ortsfesten Aerosol-Löschanlagen /  
in fixed aerosol extinguishing systems

Anerkennungsgrundlagen  
Basis of the Approval

VdS 2344:2014-07  
VdS 2562:2013-03

Köln, den 27.11.2023

Dr. Reinermann

Geschäftsführer  
Managing Director

i. V. Hesels

Leiter der Zertifizierungsstelle  
Head of Certification Body

## Die Anerkennung

umfasst nur das angegebene Bauteil/System in der zur Prüfung eingereichten Ausführung

- mit den Bestandteilen nach Anlage 1,
- dokumentiert in den technischen Unterlagen nach Anlage 2,
- zur Verwendung in den angegebenen Einrichtungen der Brandschutz- und Sicherungstechnik.

Bei der Anwendung des Gegenstandes der Anerkennung sind die Hinweise nach Anlage 3 zu beachten.

Das Zertifikat darf nur unverändert und mit sämtlichen Anlagen vervielfältigt werden. Alle Änderungen der Voraussetzungen für die Anerkennung sind der VdS-Zertifizierungsstelle - mitsamt den erforderlichen Unterlagen - unverzüglich zu übermitteln.

## This Approval

is valid only for the specified component/system as submitted for testing

- together with the parts listed in enclosure 1
- documented in the technical documents according to enclosure 2
- for the use in the specified fire protection and security installations.

When using the subject of the approval the notes of enclosure 3 shall be observed.

This certificate may only be reproduced in its present form without any modifications including all enclosures. All changes of the underlying conditions of this approval shall be reported at once to the VdS certification body including the required documentation.

VdS Schadenverhütung GmbH  
Zertifizierungsstelle  
Amsterdamer Str. 174  
D-50735 Köln

Ein Unternehmen des Gesamtverbandes der Deutschen Versicherungswirtschaft e.V. (GDV), durch die DAkkS akkreditiert als Zertifizierungsstelle für Produkte in den Bereichen Brandschutz und Sicherungstechnik

A company of the German Insurance Association (GDV) accredited by DAkkS as certification body for fire protection and security products