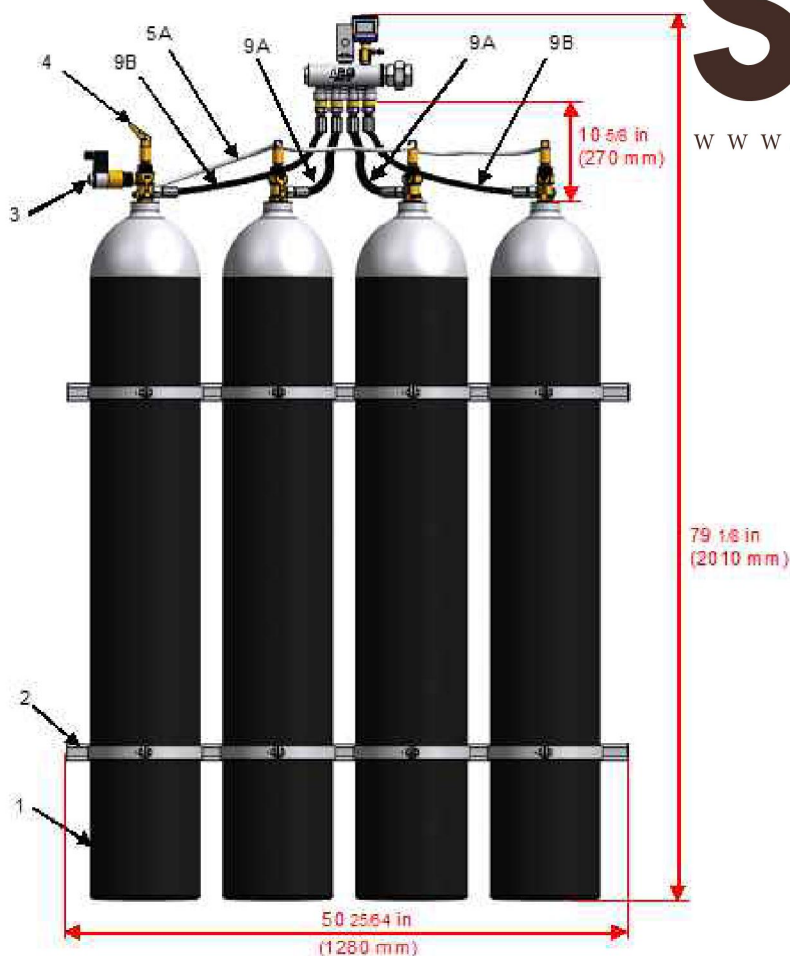


Revisión: Review:	03	FICHA TECNICA / DATA SHEET	Nº F.Técnica/Fichero: Data Sheet No./File:
Fecha: Date:	06-07-2017	BATERÍA DE CO2 CON COLECTOR COMBI EN SIMPLE FILA PARA 4 CILINDROS DE 2.38 FT (67 L)	
Hoja: Sheet:	1/4	CO2 BATTERY SYSTEM IN ONE ROW WITH COMBI MANIFOLD 4 CYLINDERS 2.38 FT (67 L)	

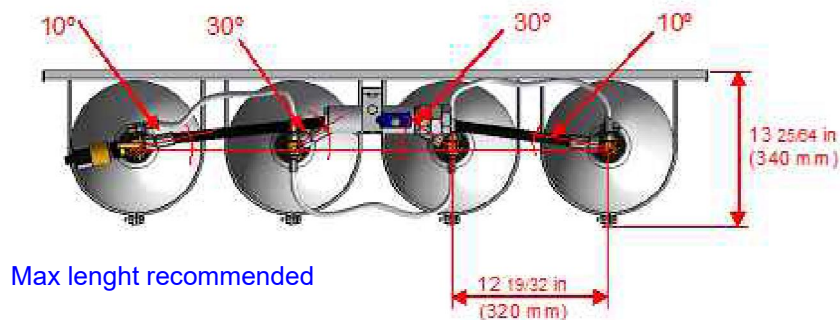
Descripción / Description:

Esta batería contiene 4 cilindros de 2.38 ft³ (67 litros), llenos de CO₂. Esta conectada a la red de tubería a través del colector Combi.

This battery contains 4 cylinder of 2.38 ft³ (67 litres), filled with CO₂. It is connected to the pipe network through the Combi Manifold System.



Recommended angles of discharge hoses:



Max lenght recommended

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Comprobado: Check by:	A. Serna		Sustituido por: Sustituted by:			

Revisión: Review:	01	FICHA TECNICA / DATA SHEET	Nº F.Técnica/Fichero: Data Sheet No./File:
Fecha: Date:	06-07-2017	BATERÍA DE CO2 (67 L) EN SIMPLE FILA CON COLECTOR COMBI PARA 4 CILINDROS DE 2.38 FT (67 L)	
Hoja: Sheet:	2/4	CO2 BATTERY SYSTEM IN ONE ROW WITH COMBI MANIFOLD 4 CYLINDERS 2.38 FT (67 L)	

Activation options

A. Master - slave

La máxima cantidad de cilindros para esta configuración es de 9 (1 maestro + 8 esclavos)

Maximum cylinders combination for this activation is 9 (1 master + 8 slave)



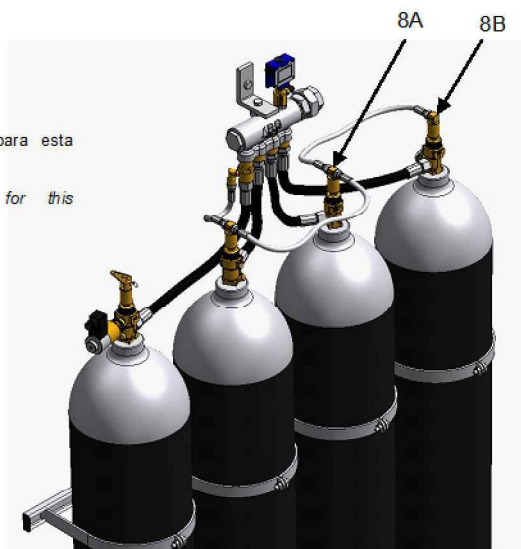
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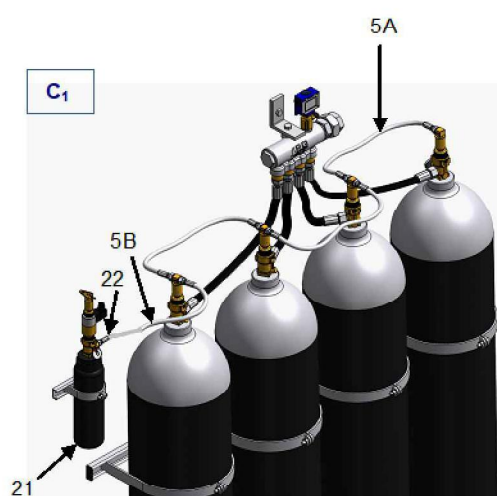
B. With diaphragm valve

La máxima cantidad de cilindros para esta configuración es 48.

Maximum cylinders combination for this activation is 48.

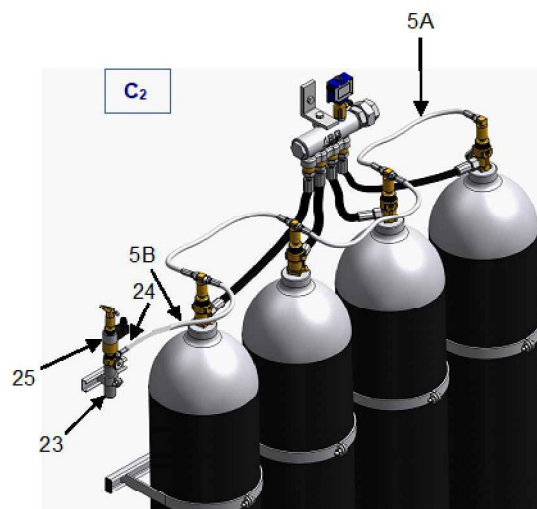


C. With pilot bottle/cartridge



La máxima cantidad de cilindros para esta configuración es de 180.

Maximum cylinders combination for this activation is 180.



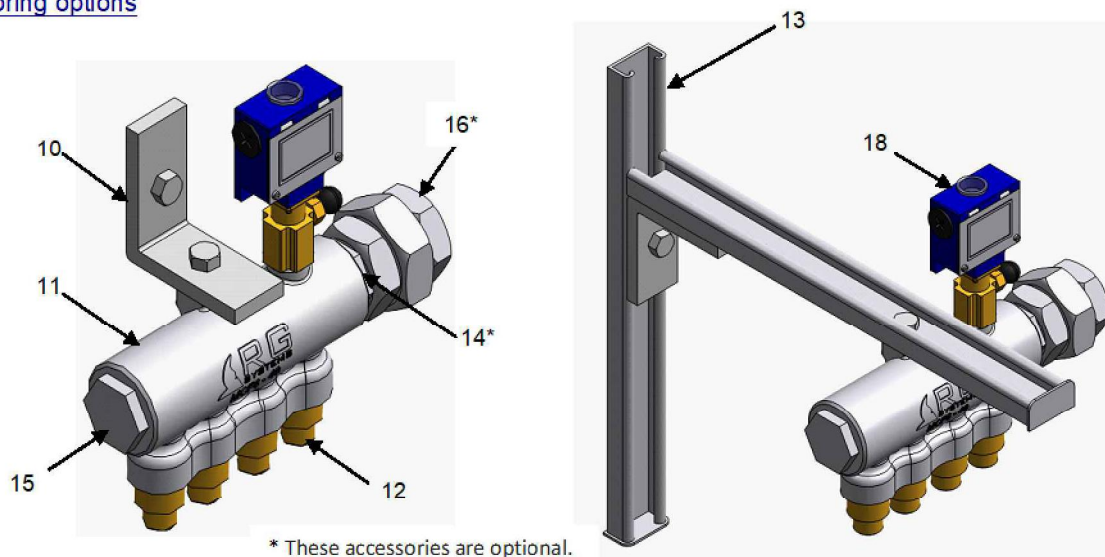
La máxima cantidad de cilindros para esta configuración es de 12.

Maximum cylinders combination for this activation is 12.

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Comprobado: Check by:	A. Serna		Sustituido por: Sustituted by:			

Revisión: Review:	01	FICHA TECNICA / DATA SHEET	Nº F.Técnica/Fichero: Data Sheet No./File:
Fecha: Date:	06-07-2017	BATERÍA DE CO2 CON COLECTOR COMBI EN SIMPLE FILA PARA 4 CILINDROS DE 2.38 FT (67 L)	
Hoja: Sheet:	3/4	CO2 BATTERY SYSTEM IN ONE ROW WITH COMBI MANIFOLD 4 CYLINDERS 2.38 FT (67 L)	

Anchoring options



* These accessories are optional.

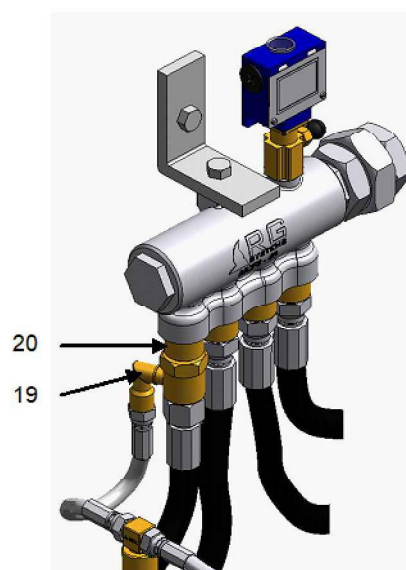
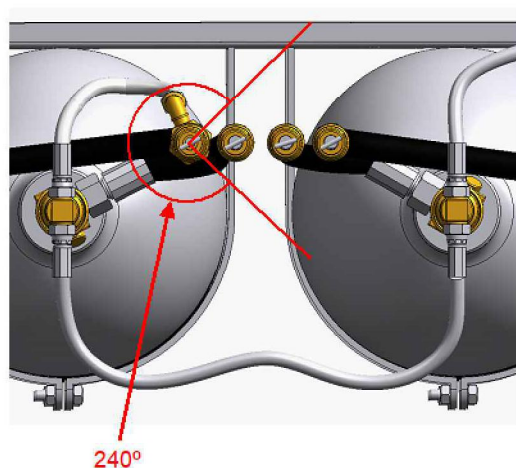
Approximate charge of each cylinder of 2,38 ft³ to 69.8°F (67 L to 21°C)

Nom inal capacity	Filling Weight (0,68 %)	Filling Weight (0,75 %)
2,38 ft³ (67,5 l)	101,192 lbs (45,90 kg)	115,554 lbs (50,60 kg)
2,40 ft³ (68 l)	102,074 lbs (46,30 kg)	112,074 lbs (50,60 kg)



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Recommended angles of diaphragm valve



WARNING: This type of battery system is manufactured and approved to be used in fixed extinguishing installations with CO₂. These products are not designed for other use or purpose. If product user has any doubt regarding the application or product use, please contact +34 947 28 11 08. Every not approved use or application or / and any other not approved modification of the product or its function may cause serious accidents or / and personal damages. SIEX 2001 is not responsible for any non-approved use of the application.

IMPORTANT: SIEX 2001 reserves the right to change or modify without previous notice any data or specification due to changes or modification in order to improve the products presented.

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Comprobado: Check by:	A. Serna		Sustituido por: Substituted by:			

Revisión: Review:	01	FICHA TECNICA / DATA SHEET	Nº F.Técnica/Fichero: Data Sheet No./File:
Fecha: Date:	06-07-2017	BATERÍA DE CO2 CON COLECTOR COMBI EN SIMPLE FILA PARA 4 CILINDROS DE 2.38 FT³ (67 L) CO2 BATTERY SYSTEM IN ONE ROW WITH COMBI MANIFOLD 4 CYLINDERS 2.38 FT³ (67 L)	
Hoja: Sheet:	4/4		

Technical information

Item	Description	Type	Quantity
1	Cylinder	2.38 ft³ (67.5 l) Master cylinder	1 (Act A, B)
		2.40 ft³ (68 l) Master cylinder	3 (Act A, B)
		2.38 ft³ (67.5 l) Slave cylinder	4 (Act C ₁ , C ₂)
		2.40 ft³ (68 l) Slave cylinder	2
2	System cylinder bracket	POHC280	1 (Act A, B, C ₁)
3	Electrical actuator	227SOL / 227SOLC	1
4	Manual actuator	227DM / 227DMS	1
5A	Activation flexible hose 19 11/16 inch (500mm)	FH-6PO	3 (Act A, B)
		DH10	3 (Act C ₁ , C ₂)
		DH10I	
		FH-7PO	
		DH11	
5B	Activation flexible hose 39 3/8 inch (1000mm)	DH11I	1 (Act C ₁ , C ₂)
		FH-6PO	
		DH10	
		DH10I	
		FH-7PO	
6	Container valve	DH11	1 (Act A, B)
		DH11I	3 (Act A, B) 4 (Act C ₁ , C ₂)
7	Pneumatic actuator	Master	3 (Act A, B)
		Slave	4 (Act C ₁ , C ₂)
8A	*T*	227CN	3 (Act A, B)
8B	Elbow	227TE	4 (Act C ₁ , C ₂)
9A	Flexible hose 11 13/16 inch (300 mm)	227CO	2 (Act A)
			1 (Act B, C ₁ , C ₂)
		DH-15	
		DH-15I	
9B	Flexible hose 27 9/16 inch (700mm)	DH16	2
		DH16I	
		DH-15	
		DH-15I	
10	Square	DH16	2
11	Combi manifold	DH16I	
12	Check valve	CMS-HES	1
13	Manifold bracket	DN 25 - 1"	1
14*	Threaded adapter (Optional)	DN 32 - 1 1/4"	4 (Act A, C ₁ , C ₂)
15	Screw blockage	DN 40 - 1 1/2"	3 (Act B)
16*	Union nut (Optional)	1" - 1/2"	1
17	Clamp for 2,38 ft³ (67,5 l) cylinder	1 1/4" - 1/2"	1
18	Pressure switch	1 1/2" - 1/2"	1
19	Diaphragm valve	DN 25 - 1"	1
20	Check valve	DN 32 - 1 1/4"	1
21	Pilot bottle	DN 40 - 1 1/2"	1
		0.07 ft³ (2 l) - 2900 psi (200 bar)	
		0.24 ft³ (6.7 l) - 2170 psi (150 bar)	
		0.24 ft³ (6.7 l) - 2170 psi (150 bar)	
		0.24 ft³ (6.7 l) - 2170 psi (150 bar)	
		0.24 ft³ (6.7 l) - 2900 psi (200 bar)	
		0.24 ft³ (6.7 l) - 2900 psi (200 bar)	
		0.47 ft³ (13.4 l) - 2900 psi (200 bar)	
		0.47 ft³ (13.4 l) - 2170 psi (150 bar)	
		0.47 ft³ (13.4 l) - 2170 psi (150 bar)	
22	Pilot bottle adapter	POA218	1 (Act C ₁)
23	Pilot cartridge	0.003 ft³ (0.080 l) - 2170 psi (150 bar)	1 (Act C ₂)
24	Pilot cartridge adapter	0.006 ft³ (0.180 l) - 2170 psi (150 bar)	1 (Act C ₂)
25	Electrical actuator	POAD10MM	1 (Act C ₂)
227SOLR / 227SOLCR			

THE QUANTITY OF EACH COMPONENT CAN VARY DEPENDING ON THE ACTIVATION TYPE
SELECTED

Note: Act A, B, C₁ or/and C₂ means Activation option A, B, C₁ or/and C₂



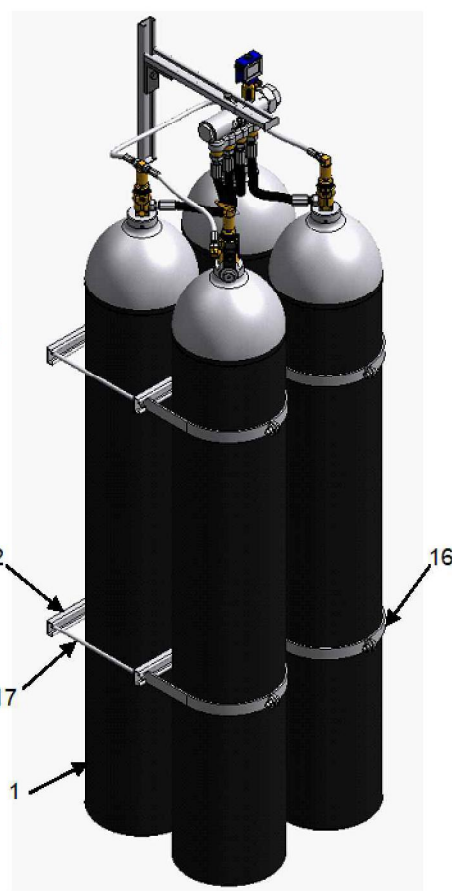
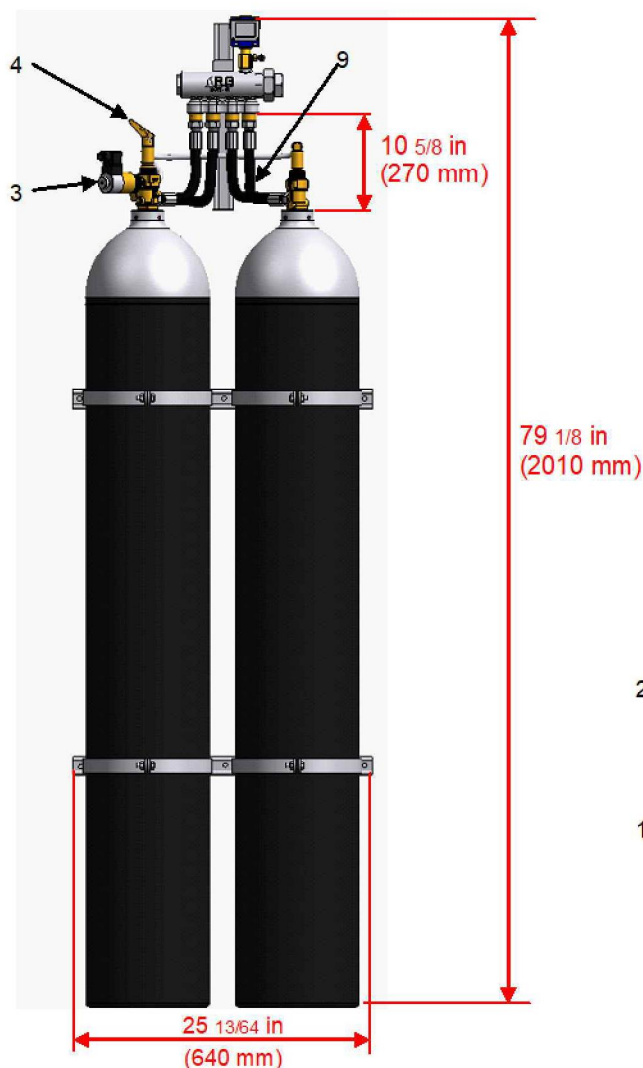
Dibujado: Draw by:	L. Peña	Firma / Signed by	Sustituye a: Substitution to:	29-01-10	 Pol. Ind. Villalonquejar C/Merindad de Montaña, 6 (09001) Burgos - España tel.: 947 28 11 08 Fax.: 947 28 11 12
Comprobado: Check by:	A. Serna		Sustituido por: Substituted by:		

Revisión: Review:	03	FICHA TECNICA / DATA SHEET	Nº F.Técnica/Fichero: Data Sheet No./File:
Fecha: Date:	06-07-2017	BATERÍA DE CO2 CON COLECTOR COMBI EN DOBLE FILA PARA 4 CILINDROS DE 2.38FT³ (67 L)	
Hoja: Sheet:	1/4	CO2 BATTERY SYSTEM IN TWO ROWS WITH COMBI MANIFOLD 4 CYLINDERS 2.38 FT³ (67 L)	

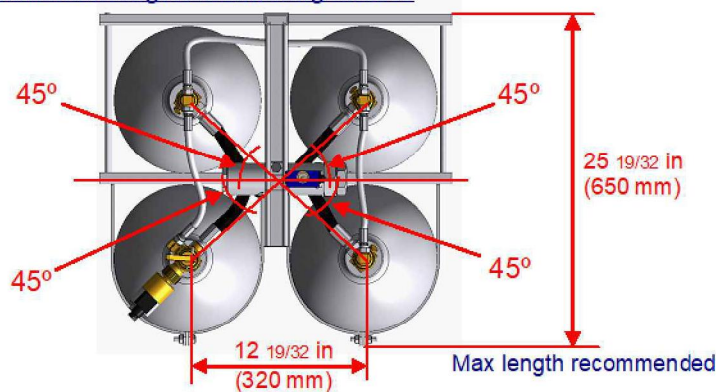
Descripción / Description

Esta batería contiene cuatro cilindros de 67 litros llenos con CO₂, colocados en doble fila. Está conectada a la red de tuberías a través del colector Combi.

This battery contains four cylinders of 2.38 ft₃ (67 litres), filled with CO₂, placed in two rows. It is connected to the pipe network through the Combi Manifold System.



Recommended angles of discharge hoses



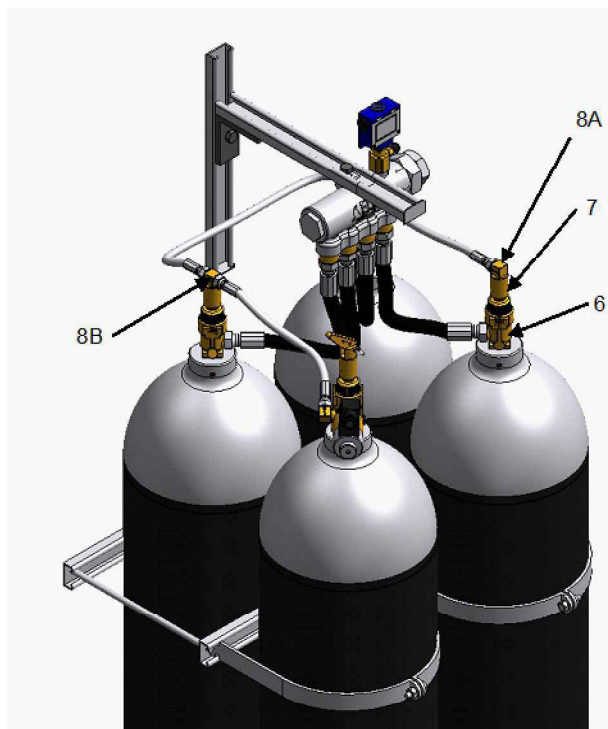
Dibujado: Draw by:	L. Peña	Firma / Signed by	Sustituye a: Substitution to:	29-01-10	
Comprobado: Check by:	A. Serna		Sustituido por: Substituted by:		

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C/ Merindad de Montija, 6
(09001) Burgos - España
tel.: 947 28 11 08 Fax.: 947 28 11 12

Revisión: Review:	01	FICHA TECNICA / DATA SHEET	Nº F.Técnica/Fichero: Data Sheet No./File:
Fecha: Date:	06-07-2017	BATERÍA DE CO₂ CON COLECTOR COMBI EN DOBLE FILA PARA 4 CILINDROS DE 2.38³ (67 L)	
Hoja: Sheet:	2/4	CO₂ BATTERY SYSTEM IN TWO ROWS WITH COMBI MANIFOLD 4 CYLINDERS 2.38 FT³ (67 L)	

Activation options

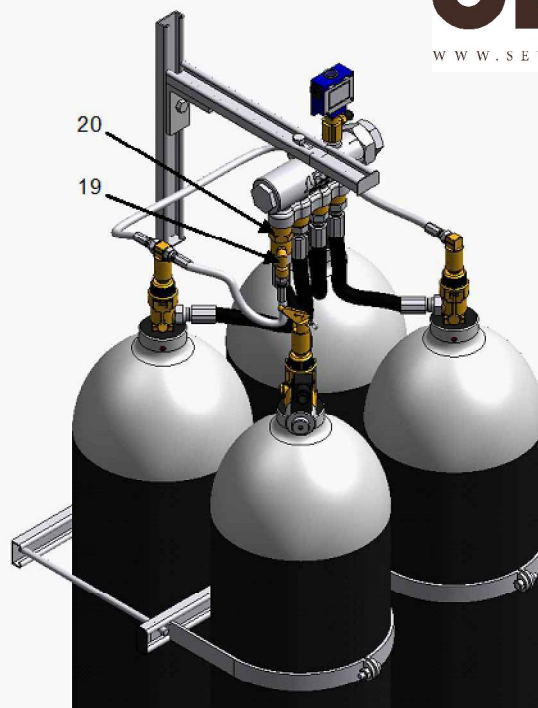
A. Master - slave



La máxima cantidad de cilindros para esta configuración es de 9 (1 maestro + 8 esclavos)

Maximum cylinders combination for this activation is 9 (1 master + 8 slave)

B. With diaphragm valve

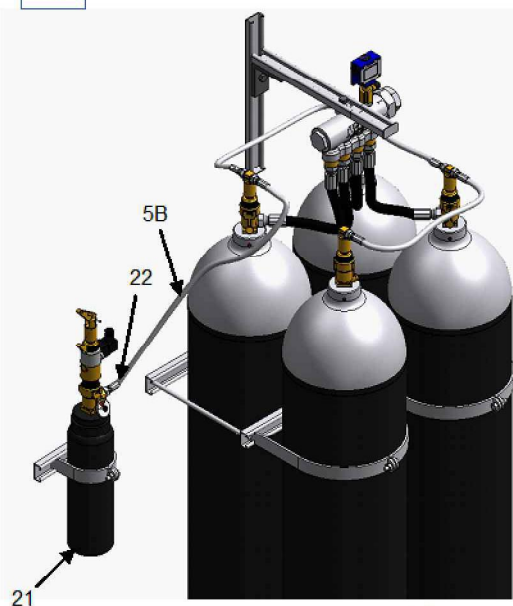


La máxima cantidad de cilindros para esta configuración es de 48.

Maximum cylinders combination for this activation is 48.

C. With pilot bottle/cartridge

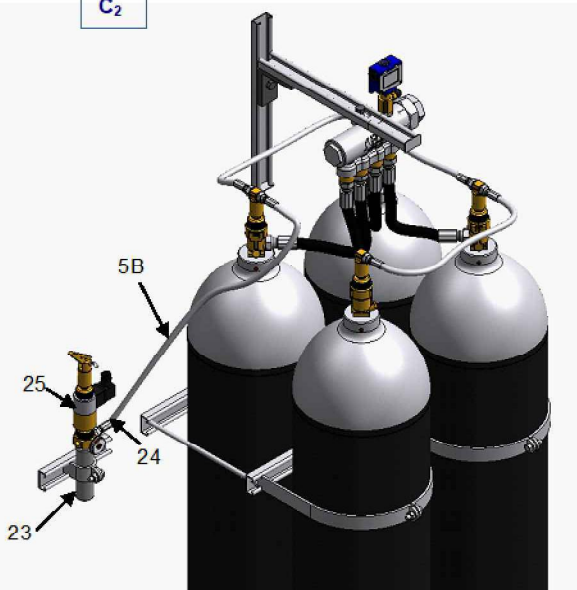
C₁



La máxima cantidad de cilindros para esta configuración es de 180.

Maximum cylinders combination for this activation is 180.

C₂



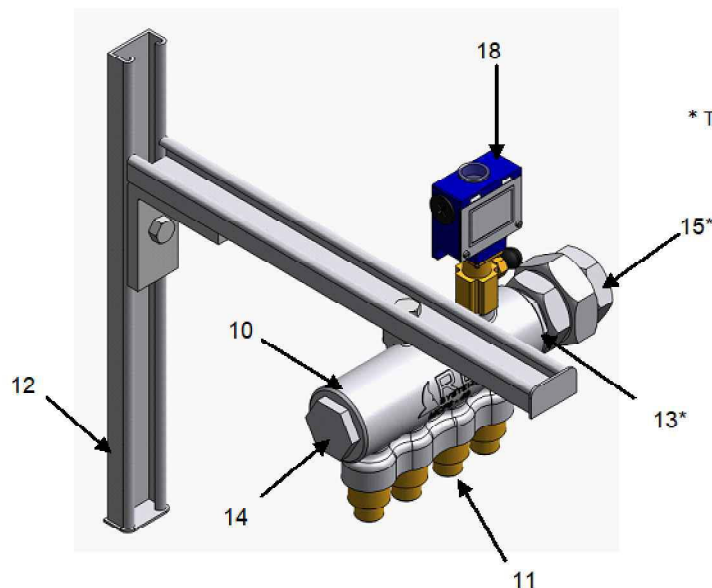
La máxima cantidad de cilindros para esta configuración es de 12.

Maximum cylinders combination for this activation is 12.

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Comprobado: Check by:	A. Serna		Sustituido por: Sustituted by:			

Revisión: Review:	01	FICHA TECNICA / DATA SHEET	Nº F.Técnica/Fichero: Data Sheet No./File:
Fecha: Date:	06-07-2017	BATERÍA DE CO2 CON COLECTOR COMBI EN DOBLE FILA PARA 4 CILINDROS DE 2.38FT³ (67 L)	
Hoja: Sheet:	3/4	CO2 BATTERY SYSTEM IN TWO ROWS WITH COMBI MANIFOLD 4 CYLINDERS 2.38 FT (67 L)	

Anchoring



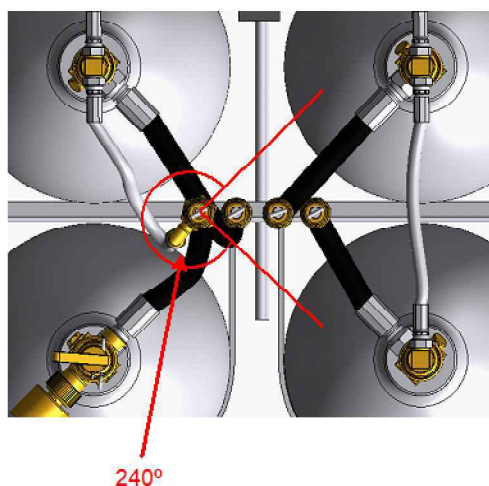
* These accessories are optional.



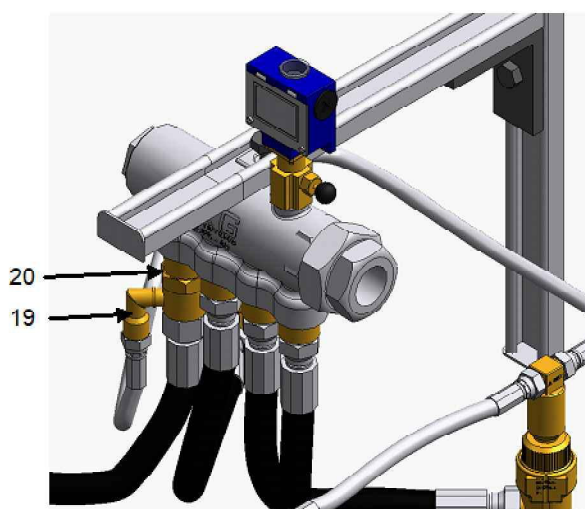
Approximate charge of each cylinder of 2,38 ft³ to 69.8°F (67 L to 21°C)

Nominal capacity	Filling Weight (0,68 %)	Filling Weight (0,75 %)
2,38 ft³ (67,5 l)	101,192 lbs (45,90 kg)	115,554 lbs (50,60 kg)
2,40 ft³ (68 l)	102,074 lbs (46,30 kg)	112,074 lbs (50,60 kg)

Recommended angles of diaphragm valve



240°



WARNING: This type of battery system is manufactured and approved to be used in fixed extinguishing installations with CO₂. These products are not designed for other use or purpose. If product user has any doubt regarding the application or product use, please contact +34 947 28 11 08. Every not approved use or application or / and any other not approved modification of the product or its function may cause serious accidents or / and personal damages. SIEX 2001 is not responsible for any non-approved use of the application.

IMPORTANT: SIEX 2001 reserves the right to change or modify without previous notice any data or specification due to changes or modification in order to improve the products presented.

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Comprobado: Check by:	A. Serna		Sustituido por: Sustituted by:			

Revisión: Review:	01	FICHA TECNICA / DATA SHEET	Nº F.Técnica/Fichero: Data Sheet No./File:
Fecha: Date:	06-07-2017	BATERÍA DE CO2 CON COLECTOR COMBI EN DOBLE PARA 4 CILINDROS DE 2.78FT³ (67)	
Hoja: Sheet:	4/4	CO2 BATTERY SYSTEM IN TWO ROWS WITH COMBI MANIFOLD 4 CYLINDERS 2.38 FT³ (67 L)	

Technical information



Item	Description	Type	Quantity
1	Cylinder	2.38 ft³ (67.5 l) Master cylinder	1 (Act A, B)
		2.40 ft³ (68 l) Master cylinder	
		2.38 ft³ (67.5 l) Slave cylinder	3 (Act A, B)
		2.40 ft³ (68 l) Slave cylinder	4 (Act C ₁ , C ₂)
2	System cylinder bracket	POHC480	4
3	Electrical actuator	227SOL 227SOLC	1 (Act A, B, C ₁)
4	Manual actuator	227DM 227DMS	1
5A	Activation flexible hose 19 11/16 inch (500mm)	FH-6PO DH10 DH10I FH-7PO DH11 DH11I	3 (Act A, B) 3 (Act C ₁ , C ₂)
5B	Activation flexible hose 39 3/8 inch (1000mm)	FH-6PO DH10 DH10I FH-7PO DH11 DH11I	1 (Act C ₁ , C ₂)
6	Container valve	Master	1 (Act A, B)
		Slave	3 (Act A, B) 4 (Act C ₁ , C ₂)
7	Pneumatic actuator	227CN	3 (Act A, B) 4 (Act C ₁ , C ₂)
8A	"T"	227TE	2 (Act A, B) 3 (Act C ₁ , C ₂)
8B	Elbow	227CO	2 (Act A) 1 (Act B, C ₁ , C ₂)
9A	Flexible hose 11 13/16 inch (300 mm)	DH-15 DH-15I DH16 DH16I	4
10	Combi manifold	DN 25 - 1" DN 32 - 1 1/4" DN 40 - 1 1/2"	1
11	Check valve	VALAN15CO	4 (Act A, C ₁ , C ₂) 3 (Act B)
12	Manifold bracket	CMS-HESCRD	1
13*	Threaded adapter (Optional)	DN 25 - 1" DN 32 - 1 1/4" DN 40 - 1 1/2"	1
14	Screw blockage	1" 1/2" 1 1/4"-1/2" 1 1/2"-1/2"	1
15*	Union nut (Optional)	DN 25 - 1" DN 32 - 1 1/4" DN 40 - 1 1/2"	1
16	Clamp for 2,38 ft³ (67,5 l) cylinder	2,38 ft³ (67,5 l)	4
17	Threaded rod	POHVR80	6
18	Pressure switch	POINPRE	1
19	Diaphragm valve	CVAD15	1 (Act B)
20	Check valve	VALAN15COVF	1 (Act B)
21	Pilot bottle	Max. working pressure 0,07 ft³ (2 l) - 2900 psi (200 bar) 0,24 ft³ (6.7 l) - 2170 psi (150 bar) 0,24 ft³ (6.7 l) - 2170 psi (150 bar) 0,24 ft³ (6.7 l) - 2900 psi (200 bar) 0,24 ft³ (6.7 l) - 2900 psi (200 bar) 0,47 ft³ (13.4 l) - 2900 psi (200 bar) 0,47 ft³ (13.4 l) - 2170 psi (150 bar) 0,47 ft³ (13.4 l) - 2900 psi (200 bar) 0,47 ft³ (13.4 l) - 2170 psi (150 bar) 0,47 ft³ (13.4 l) - 2900 psi (200 bar)	1 (Act C ₁)
22	Pilot bottle adapter	POA218	1 (Act C ₁)
23	Pilot cartridge	0,003 ft³ (0.080 l) - 2170 psi (150 bar) 0,006 ft³ (0.180 l) - 2170 psi (150 bar)	1 (Act C ₂)
24	Pilot cartridge adapter	POAD10MM	1 (Act C ₂)
25	Electrical actuator	227SOLR / 227SOLCR	1 (Act C ₂)

THE QUANTITY OF EACH COMPONENT CAN VARY DEPENDING ON THE ACTIVATION TYPE SELECTED
Note: Act A, B, C₁ or/and C₂ means Activation option A, B, C₁ or/and C₂

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