



CG & MA SERIES

CLEAN AGENT FIRE SUPPRESSION SYSTEMS



**TOTAL FLOODING, CLEAN AGENT
FIRE EXTINGUISHER SYSTEMS**

FIREBOY® - XINTEX®

UNRIVALED CLEAN AGENT FIRE SUPPRESSION

WITH UNITED SAFETY'S FIREBOY CG & MA SERIES CLEAN AGENT SUPPRESSION SYSTEMS

- Discharge is automatic at 175°F (79°C) for round-the-clock engine compartment fire protection.
- Total flooding of the engine compartment in less than 10 seconds for fast smothering of the fire.
- FK-5-1-12 clean extinguishing agent leaves no harmful residue to clean up.
- Easy to read color coded pressure gauge on cylinder also identifies "charged/discharged" status.
- Coverage from 25 ft³ to 1,800 ft³ in a broad array of increments provides maximum coverage at lowest cost.
- Integrated shelf bracket mounting system.
- Up to 4,000 ft³ available with GA FK-5-1-12 Systems.
- Rugged industrial designed pressure gauge insures trouble free performance.
- International system approvals (FM, USCG, CE, RINA, BV).
- FK-5-1-12 clean extinguishing agent is approved for marine use worldwide (EPA SNAP, European).
- Approved for Class B fires in engine compartments, machinery spaces and similar industrial applications.
- Many marine insurance providers offer a discount to boaters who install a fixed fire extinguisher system (contact your insurer for details).

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SELECTING YOUR SYSTEM

Choose either the CG or MA Series, and then determine the volume of your compartment in cubic feet or cubic meters. For after-market installations, the gross volume **MUST** be used unless the boat manufacturer has attached a nameplate stating the volume of the fixed tanks to be deducted (CE and ISO 9094 requires NET volume calculation). Based on steps 1 and 2, choose your model from the available charts.

Always choose the model that covers greater volume to ensure adequate protection.

When choosing the MA Series, select the length of Manual Discharge Cable required (see below).

MA SERIES

- Engine compartments up to 1,800 ft³ (51 m³)
- Heavy-duty mounting bracket
- Helm display
- Automatic and manual discharge when used with a Fireboy Manual Discharge Cable (sold separately)

CG SERIES

- Automatic discharge only (@ 175°F / 79°C)
- Engine compartments up to 1,000 ft³ (28.3 m³)
- Heavy-duty mounting bracket
- Helm display



MANUAL DISCHARGE CABLES

MODEL	Ft	M	MODEL	Ft	M
E-4209-06	6	1.8	E-4209-36	36	10.4
E-4209-08	8	2.9	E-4209-40	40	12.1
E-4209-10	10	3	E-4209-45	45	13.6
E-4209-12	12	3.6	E-4209-50	50	15.2
E-4209-14	14	4.2	E-4209-55	55	16.7
E-4209-16	16	4.8	E-4209-60	60	18.2
E-4209-18	18	5.4	E-4209-65	65	19.7
E-4209-20	20	6	E-4209-70	70	21.2
E-4209-22	22	6.6	E-4209-75	75	22.8
E-4209-24	24	7.2	E-4209-80	80	24.3
E-4209-26	26	7.9	E-4209-85	85	25.8
E-4209-28	28	8.5	E-4209-90	90	27.3
E-4209-30	30	9.1	E-4209-95	95	28.8
E-4209-34	34	10.3	E-4209-100	100	30

Fireboy High-Temperature Manual Discharge Cables are fire-resistant and are required for all MA and GA Series installations. Use the shortest possible.

READY TO INSTALL

Each Fireboy system includes a heavy-duty powder coated steel shelf bracket system, helm display and owner's manual.



CG & MA SERIES

CLEAN AGENT FIRE SUPPRESSION SYSTEMS

CG SERIES MODEL SELECTION CHART - FK-5-1-12 FIRE PROTECTION FLUID SYSTEM

	VOLUME PROTECTED		DIAMETER		TOTAL HEIGHT		AGENT WEIGHT		SHIPPING WEIGHT		SYSTEM PRESSURE		
MODEL NUMBER	ft³	m³	in	mm	in	mm	lbs	kgs	lbs	kgs	psi (@70° F)		
CG0025NVC-F	25	0.7	3.3	85	10.9	278	1.3	0.6	5	2.4	360		
CG0050NVC-F	50	1.4			14.7	373	2.7	1.2	8	3.8			
CG0075NVC-F	75	2.1	4.3	110	17	432	4	1.8	14	6.3			
CG0100NVC-F	100	2.8					5.4	2.4	15	6.9			
CG0125NVC-F	125	3.5	5.1	130	18.7	474	6.7	3	19	8.5			
CG0150NVC-F	150	4.3					8.1	3.7	24	10.8			
CG0175NVC-F	175	4.9	6.3	160		476	9.4	4.3	26	11.9			
CG0200NVC-F	200	5.7					10.7	4.9	28	12.5			
CG0225NVC-F	225	6.4					12.1	5.5	32	14.3			
CG0250NVC-F	250	7					13.4	6.1	33	14.9			
CG0275NVC-F	275	7.8	7.1	180	18.4	468	14.8	6.7	36	16.5			
CG0300NVC-F	300	8.5					16.1	7.3	38	17.1			
CG0325NVC-F	325	9.2			20.8	527	17.5	7.9	43	19.4			
CG0350NVC-F	350	10					18.8	8.5	44	19.9			
CG0375NVC-F	375	10.6			28.8	731	20.1	9.1	45	20.4			
CG0400NVC-F	400	11.3					21.5	9.8	53	23.9			
CG0450NVC-F	450	12.7					24.2	11	55	24.1			
CG0500NVC-F	500	14.1					26.9	12.2	60	27.4			
CG0550NVC-F	550	15.6			35	888	29.6	13.4	63	28.5			
CG0600NVC-F	600	17					32.2	14.6	71	32.4			
CG0650NVC-F	650	18.4					34.9	15.8	75	34			
CG0700NVC-F	700	19.8					37.6	17.1	78	35.2			
CG0750NVC-F	750	21.2			10	254	23	585	40.3	18.3		84	37.9
CG0800NVC-F	800	22.6							43	19.5		89	40.4
CG0850NVC-F	850	24					29.2	742	45.7	20.7		93	42
CG0900NVC-F	900	25.5	48.4	22					95	43.2			
CG0950NVC-F	950	26.9	51	23.1					99	44.8			
CG1000NVC-F	1000	28.3	53.7	24.4					101	45.9			

LOW PROFILE MODELS											
CG0600NVC-4F	600	17	10	254	23	585	32.2	14.6	71	32.1	360
CG0650NVC-4F	650	18.4					34.9	15.8	74	33.6	
CG0700NVC-4F	700	19.8					37.6	17.1	77	34.7	
CG0750NVC-4F	750	21.2					40.3	18.3	82	37.3	

Designed for engine compartments and machinery spaces up to 1,000 ft³ (28.3 m³), this automatic discharge series includes bracket and helm display. Discharges at 175°F (79°C) or optional 155°F (68°C).

FK-5-1-12 CLEAN EXTINGUISHING AGENT

- Clean agent with very low Global Warming Potential (GWP <1)
- Low toxicity in a properly designed system (no harm to personnel)
- No damage to sensitive equipment
- Not targeted for emission reduction or phase-out

Approvals & Certifications
All Fireboy CG2/MA2 models are approved by Factory Mutual, U.S.C.G., RINA (ISO 9094 (2015)) and are CE certified (B.V.)



CG & MA SERIES

CLEAN AGENT FIRE SUPPRESSION SYSTEMS

MA SERIES MODEL SELECTION CHART - FK-5-1-12 FIRE PROTECTION FLUID SYSTEM

	VOLUME PROTECTED		DIAMETER		TOTAL HEIGHT		AGENT WEIGHT		SHIPPING WEIGHT		SYSTEM PRESSURE		
MODEL NUMBER	ft³	m³	in	mm	in	mm	lbs	kgs	lbs	kgs	psi (@70° F)		
MA0025NVC-F	25	0.7	3.3	85	12.4	316	1.3	0.6	5	2.4	360		
MA0050NVC-F	50	1.4			16.2	411	2.7	1.2	9	3.9			
MA0075NVC-F	75	2.1	4.3	110	18.5	470	4	1.8	14	6.3			
MA0100NVC-F	100	2.8					5.4	2.4	15	6.9			
MA0125NVC-F	125	3.5	5.1	130	20.2	512	6.7	3	19	8.5			
MA0150NVC-F	150	4.3					8.1	3.7	24	10.9			
MA0175NVC-F	175	4.9	6.3	160		514	9.4	4.3	26	12			
MA0200NVC-F	200	5.7					10.7	4.9	28	12.6			
MA0225NVC-F	225	6.4					12.1	5.5	32	14.4			
MA0250NVC-F	250	7					13.4	6.1	33	14.9			
MA0275NVC-F	275	7.8	7.1	180	19.9	506	14.8	6.7	37	16.6			
MA0300NVC-F	300	8.5					16.1	7.3	38	17.1			
MA0325NVC-F	325	9.2			22.3	565	17.5	7.9	43	19.6			
MA0350NVC-F	350	10					18.8	8.5	44	20.1			
MA0375NVC-F	375	10.6			30.3	769	20.1	9.1	46	20.7			
MA0400NVC-F	400	11.3					21.5	9.8	53	24.2			
MA0450NVC-F	450	12.7					24.2	11	56	25.4			
MA0500NVC-F	500	14.1					26.9	12.2	61	27.6			
MA0550NVC-F	550	15.6			36.5	926	29.6	13.4	63	28.8			
MA0600NVC-F	600	17					32.2	14.6	72	32.7			
MA0650NVC-F	650	18.4					34.9	15.8	76	34.2			
MA0700NVC-F	700	19.8			10	254	24.5	623	37.6	17.1		78	35.4
MA0750NVC-F	750	21.2							40.3	18.3		84	38.1
MA0800NVC-F	800	22.6	43	19.5			90	40.7					
MA0850NVC-F	850	24	45.7	20.7			93	42.3					
MA0900NVC-F	900	25.5	30.7	781			48.4	22	103	46.8			
MA0950NVC-F	950	26.9					51	23.1	107	48.4			
MA1000NVC-F	1000	28.3					53.7	24.4	109	49.5			
MA1050NVC-F	1050	29.7					56.4	25.6	113	51.1			
MA1100NVC-F	1100	31.1					59.1	26.8	116	52.7			
MA1150NVC-F	1150	33					61.8	28	125	56.9			
MA1200NVC-F	1200	34	35.5	901			64.5	29.3	129	58.6			
MA1250NVC-F	1250	35.4					67.2	30.5	130	59			
MA1300NVC-F	1300	36.8			69.8	31.7	134	60.6					
MA1350NVC-F	1350	38.2			72.5	32.9	137	62.1					
MA1400NVC-F	1400	39.6			75.2	34.1	140	63.3					
MA1450NVC-F	1450	41			77.9	35.3	143	64.9					
MA1500NVC-F	1500	42.5	44.7	1136	80.6	36.6	146	66.1					
MA1550NVC-F	1550	43.9			83.3	37.8	153	69.3					
MA1600NVC-F	1600	45.3			86	39	156	70.8					
MA1650NVC-F	1650	46.7			88.7	40.2	159	72.2					
MA1700NVC-F	1700	48.1			91.3	41.4	162	73.7					
MA1750NVC-F	1750	49.6			94	42.6	166	75.1					
MA1800NVC-F	1800	51			96.7	43.9	169	76.6					
LOW PROFILE MODELS													
MA0600NVC-4F	600	17	10	254	24.5	623	32.2	14.6	75	33.8	360		
MA0650NVC-4F	650	18.4					34.9	15.8	77	35			
MA0700NVC-4F	700	19.8					37.6	17.1	83	37.5			
MA0750NVC-4F	750	21.2					40.3	18.3	88	40			

Ideal for boats with engine compartments up to 1,800 ft³ (51 m³) in size, this discharge, when used with Fireboy Manual Discharge Cable which is sold separately. Discharges at 175°F (79°C) or optional 155°F (68°C).

PRODUCTS:

Gaseous Suppression



Inert Gas (IG-01, IG-55, IG-100, IG-541)
Novec 1230™ Fluid (FK-5-1-12)
FM-200® (HFC-227ea.)
Carbon Dioxide (CO₂)
Hybrid Systems (N₂ / Water)
Pressure Relief Vents
Enclosure Integrity Testing Equipment
Pipe & Fittings

Water Suppression



Water Mist - High Pressure
Water Mist - Intermediate Pressure
Water Mist - Low Pressure
Hybrid Systems (Water / N₂)
Monitors & Delivery Systems
High Speed Deluge

Foam Suppression



Foam Concentrates
Foam Proportioning
Foam Delivery Systems
Compressed Air Foam
Foam Concentrate Testing

Explosion Protection



Explosion Suppression
Explosion Isolation
Explosion Vents & Pressure Relief
Spark Suppression
Explosibility Testing

Fire Detection



Linear Heat Detection - Digital
Linear Heat Detection - Fibre Optic
Linear Heat Detection - Micro Chip
Flame Detection
Video Imaging Detection
Spark Detection
Control & Indicating Equipment
Thermal Imaging Detection
Aspirating Smoke Detection

Military & Defence



Military Vehicles
Naval Vessels

Special Applications



Micro Environment
Oxygen Reduction
Kitchen Protection Systems
Dry Chemical
Vehicle Systems
Marine & Offshore
Vapour Mitigation
Li-Ion Fire Systems

Support Services



Design / Engineering
Technical Support
Services & Testing

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