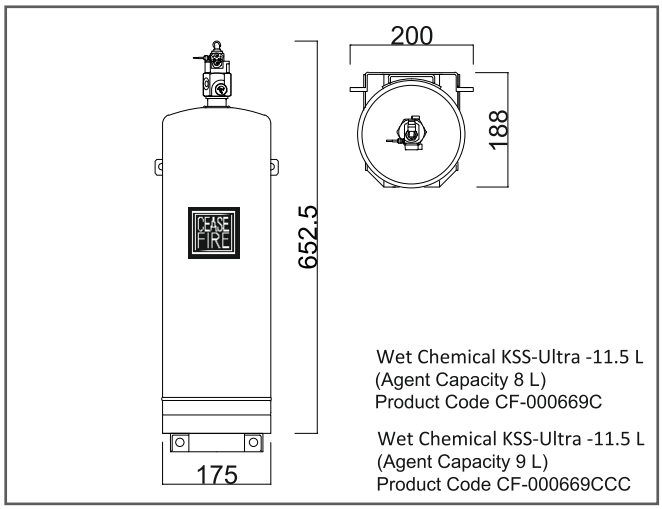
COMMERCIAL KITCHEN SUPPRESSION SYSTEM

ULTRA (PRODUCT OVERVIEW)

Kitchen fires can go out of control if not taken care of at the right time. A kitchen suppression system must be installed to extinguish fires in the kitchen. The Ultra series of the Kitchen Suppression System uses wet chemicals, which are best suited for extinguishing fires in superheated cooking oils. The wet chemical does not leave behind any residue and causes minimal collateral damage. Agent containers are available in sizes of 11.5 liters, 18 liters, 27 liters, and 44 litres.

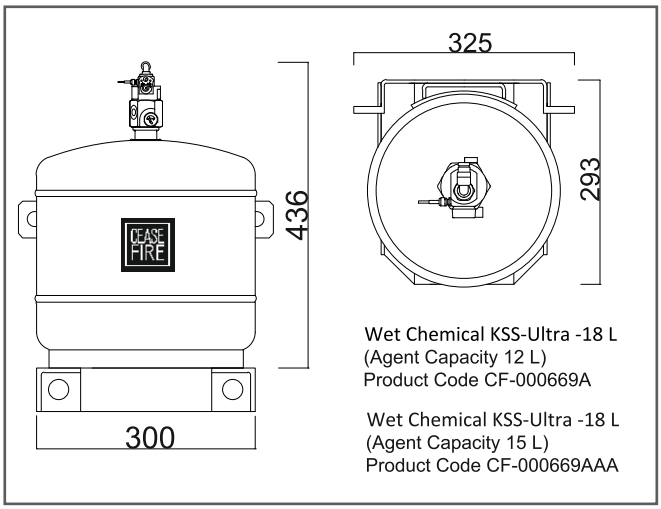


ENGINEERING DRAWINGS



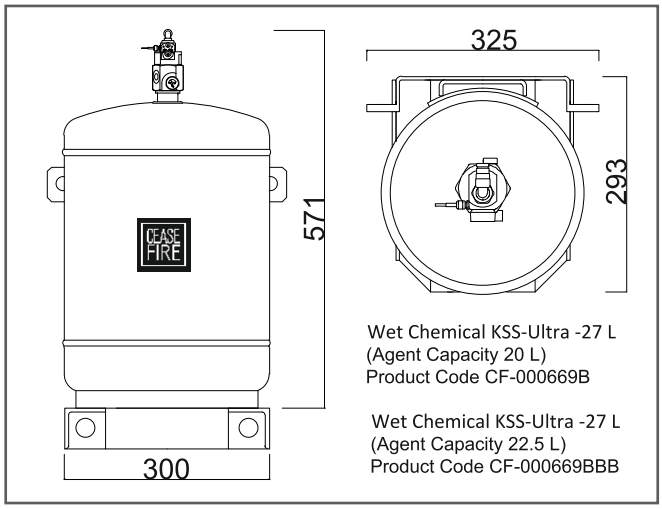
Wet Chemical KSS-Ultra -11.5 L
(Agent Capacity 8 L)
Product Code CF-000669C

Wet Chemical KSS-Ultra -11.5 L
(Agent Capacity 9 L)
Product Code CF-000669CCC



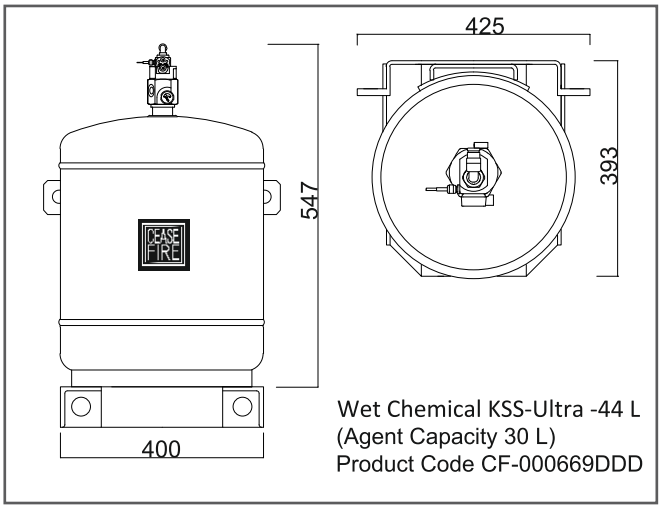
Wet Chemical KSS-Ultra -18 L
(Agent Capacity 12 L)
Product Code CF-000669A

Wet Chemical KSS-Ultra -18 L
(Agent Capacity 15 L)
Product Code CF-000669AAA



Wet Chemical KSS-Ultra -27 L
(Agent Capacity 20 L)
Product Code CF-000669B

Wet Chemical KSS-Ultra -27 L
(Agent Capacity 22.5 L)
Product Code CF-000669BBB



Wet Chemical KSS-Ultra -44 L
(Agent Capacity 30 L)
Product Code CF-000669DDD

TECHNICAL SPECIFICATIONS

Product Code	UOM	CF-000669C	CF-000669A	CF-000669B
Description	—	Ceasefire Kitchen Safe-Ultra Series Wet Chemical suppression system -11.5 Litre	Ceasefire Kitchen Safe-Ultra Series Wet Chemical suppression system-18 Litre	Ceasefire Kitchen Safe-Ultra Series Wet Chemical suppression system -27 Litre
Capacity of Agent	L	8	12	20
Certification	—	a) PED 2014/68/EU,ANNEX III (MODULE H) b) LPS 1223 ISSUE 2.3 c) ISO 9001	a) PED 2014/68/EU,ANNEX III (MODULE H) b) LPS 1223 ISSUE 2.3 c) ISO 9001	a) PED 2014/68/EU,ANNEX III (MODULE H) b) LPS 1223 ISSUE 2.3 c) ISO 9001
Total Height (approx.)	MM	652.5	436	571
Service Pressure	BAR	Min. 17 bar -23.7 bar Max.	Min. 17 bar -23.7 bar Max.	Min. 17 bar -23.7 bar Max.
Test Pressure	BAR	35	35	35
No of Max. nozzles	—	4	6	10
Operating Temperature Range	^{0}C	5 to +65	5 to +65	5 to +65
Min. Discharge Time	SEC.	30 to 50	30 to 50	30 to 50
Anti Corrosive Treatment	—	Outer surfaces are Epoxy polyester Powder coated having Minimum Thickness 50 Micron. Colour : Ivory	Outer surfaces are Epoxy polyester Powder coated having Minimum Thickness 50 Micron. Colour : Ivory	Outer surfaces are Epoxy polyester Powder coated having Minimum Thickness 50 Micron. Colour : Ivory
Applicable to Type of Fire	—	Class A, B ,F & Electrical Started Fire	Class A, B ,F & Electrical Started Fire	Class A, B ,F & Electrical Started Fire
Filled Weight (Approx.)	KGS	17.85	25.4	37.9
Product Warranty	YEAR	1	1	1
Shell/Container				
MOC of Shell	—	Stainless steel.	Stainless steel.	Stainless steel.
Dia of Shell	MM	175	300	300
Mini. Wall Thickness	MM	1.5	1.8	1.8

TECHNICAL SPECIFICATIONS

Product Code	UOM	CF-000669C	CF-000669A	CF-000669B
Valve				
Type of valve	–	Indirect Low Pressure Valve (ILP) with two outlet	Indirect Low Pressure Valve (ILP) with two outlet	Indirect Low Pressure Valve (ILP) with two outlet
MOC of valve	–	Brass Nickle Platting	Brass Nickle Platting	Brass Nickle Platting
Type of Operating Mechanism	–	Automatic/Manual	Automatic/Manual	Automatic/Manual
Valve outlet thread	"	G1/4" (2x)	G1/4" (2x)	G1/4" (2x)
Vessel Connection thread	MM	M30 x 1.5mm	M30 x 1.5mm	M30 x 1.5mm
Dip tube Connection thread	MM	M16 x 1.5mm	M16 x 1.5mm	M16 x 1.5mm
Pressure gauge Connection thread	MM	M10 x 1	M10 x 1	M10 x 1
Outer diameter heat sensing tube	MM	Ø6mm	Ø6mm	Ø6mm
Burst disc	–	Optional	Optional	Optional
Pressure gauge				
Type of Pressure Gauge	–	Magnetic Bourdon Tube Type	Magnetic Bourdon Tube Type	Magnetic Bourdon Tube Type
Type of Pressure Gauge	–	brass or nickel plated	brass or nickel plated	brass or nickel plated
Pipe				
Delivery Pipe MOC	–	SS304	SS304	SS304
Delivery Pipe Dimension	MM	OD 10mm ID 8mm.	OD 10mm ID 8mm.	OD 10mm ID 8mm.

TECHNICAL SPECIFICATIONS

Product Code	UOM	CF-000669C	CF-000669A	CF-000669B
Fitting				
MOC of Fitting	–	SS316	SS316	SS316
Fitting Size	MM	10mm ID 8mm	10mm ID 8mm	10mm ID 8mm
Nozzle				
MOC of Nozzles	–	SS316	SS316	SS316
Nozzles Type-Size	^{0}X	Spray angle 15^0 / 40^0 Full Cone	Spray angle 15^0 / 40^0 Full Cone	Spray angle 15^0 / 40^0 Full Cone
Detection				
MOC of Heat Sensing Tube	–	Multi-layered Modified Polyamide	Multi-layered Modified Polyamide	Multi-layered Modified Polyamide
Heat Sensing Tube Size	MM	OD: 6mm ID: 4mm	OD: 6mm ID: 4mm	OD: 6mm ID: 4mm
Burst Pressure	BAR	(Approx.)120 bar at 20° C	(Approx.)120 bar at 20° C	(Approx.)120 bar at 20° C
Certificate	–	UL -521 Certified, Tested As per Requirements of LPS1223 Issue 2.3	UL -521 Certified, Tested As per Requirements of LPS1223 Issue 2.3	UL -521 Certified, Tested As per Requirements of LPS1223 Issue 2.3
Protection	–	UV-Protected	UV-Protected	UV-Protected
Connectors				
MOC of Connector	–	SS316	SS316	SS316
Size of Tee Connector	MM	6 mm	6 mm	6 mm
Size of Elbow Connector	MM	6 mm	6 mm	6 mm

TECHNICAL SPECIFICATIONS

Product Code	UOM	CF-000669C	CF-000669C	CF-000669C
Manual Actuator				
MOC of Manual Actuator	–	SS316	SS316	SS316
HST Connection	MM	Ø6mm	Ø6mm	Ø6mm
Pressure Gauge type	–	Magnetic Bourdon Tube Type	Magnetic Bourdon Tube Type	Magnetic Bourdon Tube Type
MOC of Pressure Gauge	–	Brass or nickel plated	Brass or nickel plated	Brass or nickel plated
Burst disc	–	Yes	Yes	Yes

PRODUCT PICTURES



11.5 L



18 L

TECHNICAL SPECIFICATIONS

Product Code	UOM	CF-000669CCC	CF-000669AAA	CF-000669BBB	CF-000669DDD
Description	—	Ceasefire Kitchen Safe-Ultra Series Wet Chemical suppression system-11.5 Litre	Ceasefire Kitchen Safe-Ultra Series Wet Chemical suppression system-18 Litre	Ceasefire Kitchen Safe-Ultra Series Wet Chemical suppression system-27 Litre	Ceasefire Kitchen Safe-Ultra Series Wet Chemical suppression system-44 Litre
Capacity of Agent	L	9	15	22.5	30
Certification	—	a) PED 2014/68/EU,ANNEX III (MODULE H) b) LPS 1223 ISSUE 2.3 c) ISO 9001		a) PED 2014/68/EU,ANNEX III (MODULE H) b) LPS 1223 ISSUE 2.3 c) ISO 9001	
Total Height (approx.)	MM	652.5	436	571	547
Service Pressure	BAR	Min. 17 bar -23.7 bar Max.	Min. 17 bar -23.7 bar Max.	Min. 17 bar -23.7 bar Max.	Min. 17 bar -23.7 bar Max.
Test Pressure	BAR	35	35	35	35
No of Max. nozzles	—	6	10	15	20
Operating Temperature Range	^{0}C	5 to +65	5 to +65	5 to +65	5 to +65
Min. Discharge Time	SEC.	30 to 50	30 to 50	30 to 50	30 to 50
Anti Corrosive Treatment	—	Outer surfaces are Epoxy polyester Powder coated having Minimum Thickness 50 Micron. Colour : Ivory		Outer surfaces are Epoxy polyester Powder coated having Minimum Thickness 50 Micron. Colour : Ivory	
Applicable to Type of Fire	—	Class A, B ,F & Electrical Started Fire	Class A, B ,F & Electrical Started Fire	Class A, B ,F & Electrical Started Fire	Class A, B ,F & Electrical Started Fire
Filled Weight (Approx.)	KGS	18.85	27.9	39.9	43.6
Product Warranty	YEAR	1	1	1	1
Shell/Container					
MOC of Shell	—	Stainless steel.	Stainless steel.	Stainless steel.	Stainless steel.
Dia of Shell	MM	175	300	300	400
Mini. Wall Thickness	MM	1.5	1.8	1.8	2

TECHNICAL SPECIFICATIONS

Product Code	UOM	CF-000669CCC	CF-000669AAA	CF-000669BBB	CF-000669DDD
Valve					
Type of valve	–	Indirect Low Pressure Valve (ILP) with two outlet	Indirect Low Pressure Valve (ILP) with two outlet	Indirect Low Pressure Valve (ILP) with two outlet	Indirect Low Pressure Valve (ILP) with two outlet
MOC of valve	–	Brass Nickle Platting	Brass Nickle Platting	Brass Nickle Platting	Brass Nickle Platting
Type of Operating Mechanism	–	Automatic/Manual	Automatic/Manual	Automatic/Manual	Automatic/Manual
Valve outlet thread	"	G1/4" (2x)	G1/4" (2x)	G1/4" (2x)	G1/4" (2x)
Vessel Connection thread	MM	M30 x 1.5mm	M30 x 1.5mm	M30 x 1.5mm	M30 x 1.5mm
Dip tube Connection thread	MM	M16 x 1.5mm	M16 x 1.5mm	M16 x 1.5mm	M16 x 1.5mm
Pressure gauge Connection thread	MM	M10 x 1	M10 x 1	M10 x 1	M10 x 1
Burst disc	–	Optional	Optional	Optional	Optional
Pressure gauge					
Type of Pressure Gauge	–	Magnetic Bourdon Tube Type	Magnetic Bourdon Tube Type	Magnetic Bourdon Tube Type	Magnetic Bourdon Tube Type
Type of Pressure Gauge	–	brass or nickel plated	brass or nickel plated	brass or nickel plated	brass or nickel plated
Pipe					
Delivery Pipe MOC	–	SS304	SS304	SS304	SS304
Delivery Pipe Dimension	MM	OD 10mm ID 8mm.	OD 10mm ID 8mm.	OD 10mm ID 8mm.	OD 10mm ID 8mm.

TECHNICAL SPECIFICATIONS

Product Code	UOM	CF-000669CCC	CF-000669AAA	CF-000669BBB	CF-000669DDD
Fitting					
MOC of Fitting	–	SS316	SS316	SS316	SS316
Fitting Size	MM	10mm ID 8mm	10mm ID 8mm	10mm ID 8mm	10mm ID 8mm
Nozzle					
MOC of Nozzles	–	SS316	SS316	SS316	SS316
Nozzles Type-Size	^{0}X	Spray angle 15^0 / 40^0 Full Cone	Spray angle 15^0 / 40^0 Full Cone	Spray angle 15^0 / 40^0 Full Cone	Spray angle 15^0 / 40^0 Full Cone
Detection					
MOC of Heat Sensing Tube	–	Multi-layered Modified Polyamide	Multi-layered Modified Polyamide	Multi-layered Modified Polyamide	Multi-layered Modified Polyamide
Heat Sensing Tube Size	MM	OD: 6mm ID: 4mm	OD: 6mm ID: 4mm	OD: 6mm ID: 4mm	OD: 6mm ID: 4mm
Burst Pressure	BAR	(Approx.)120 bar at 20° C	(Approx.)120 bar at 20° C	(Approx.)120 bar at 20° C	(Approx.)120 bar at 20° C
Certificate	–	UL -521 Certified, Tested As per Requirements of LPS1223 Issue 2.3	UL -521 Certified, Tested As per Requirements of LPS1223 Issue 2.3	UL -521 Certified, Tested As per Requirements of LPS1223 Issue 2.3	UL -521 Certified, Tested As per Requirements of LPS1223 Issue 2.3
Protection	–	UV-Protected	UV-Protected	UV-Protected	UV-Protected
Connectors					
MOC of Connector	–	SS316	SS316	SS316	SS316
Size of Tee Connector	MM	6 mm	6 mm	6 mm	6 mm
Size of Elbow Connector	MM	6 mm	6 mm	6 mm	6 mm

TECHNICAL SPECIFICATIONS

Product Code	UOM	CF-000669CCC	CF-000669AAA	CF-000669BBB	CF-000669DDD
Manual Actuator					
MOC of Manual Actuator	–	SS316	SS316	SS316	SS316
HST Connection	MM	Ø6mm	Ø6mm	Ø6mm	Ø6mm
Pressure Gauge type	–	Magnetic Bourdon Tube Type	Magnetic Bourdon Tube Type	Magnetic Bourdon Tube Type	Magnetic Bourdon Tube Type
MOC of Pressure Gauge	–	Brass or nickel plated	Brass or nickel plated	Brass or nickel plated	Brass or nickel plated
Burst disc	–	Yes	Yes	Yes	Yes

CERTIFICATIONS

LPS 1223
Cert/LPCB Ref. 1329a

1128



27 L



44 L

*v1' Published Date is 24-07-2025.
**For complete details on detection and components refer to their individual data sheets.
***Regular R&D and product improvisations may lead to change in product specifications in this data sheet, without any prior notice.