



Clean Agent Gas Suppression System (INERT)

Model BT INERT (IG-01 / IG-55 / IG-100 / IG-541)

Description:

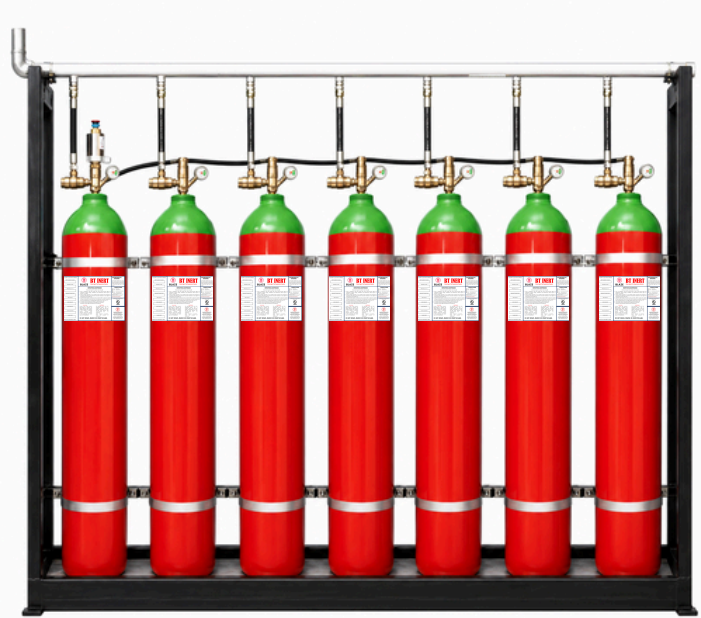
BT Inert Gas Suppression is a total-flooding system that releases inert gas into an enclosed space to lower oxygen to a level where fire cannot continue. Because inert gases occur naturally, BT Inert has no negative environmental impact, indicating

- No impact on the ozone layer
- No contribution to global warming
- No lasting presence in the atmosphere

Agent Options	IG-01, IG-55, IG-100, IG-541
System Pressure	200 / 300 Bar Options
Approvals	UL Listed

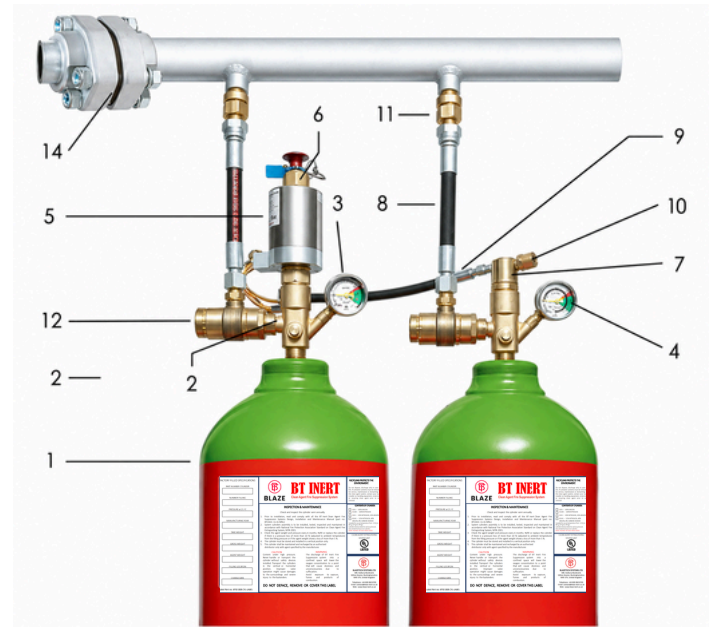
Applications:

- Data centers and server rooms
- Telecommunications facilities
- Control rooms and electrical switchgear rooms
- Archives, museums, and libraries
- Medical equipment rooms and laboratories
- Any space requiring rapid, residue free fire suppression



BT Inert System Setup:

Sr No	Specification
1	Cylinder
2	Discharge Valve
3	Pressure Gauge
4	Pressure Gauge with switch
5	Electromagnetic Actuator
6	Manual Actuator
7	Pneumatic Actuator
8	Discharge Hose
9	Pilot Hose
10	Bleed Valve
11	Check Valve
12	Constant Pressure Regulator (For Regulated System)
13	Discharge Nozzle
14	Pressure Regulating Unit (For Unregulated Systems)



BLAZETECH SYSTEMS LTD.

contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

www.blaze-tech.co.uk

Disclaimer: Images shown are for illustration purposes only. Actual products may vary in appearance and specification. Specifications are subject to change without notice.

PRECISION YOU CAN TRUST



Clean Agent Gas Suppression System (INERT)

Model BT INERT (IG-01 / IG-55 / IG-100 / IG-541)

1a. BT Inert c/w Valve and Label (200 Bar)

Specification		
Capacity	80L	140L
OD	279mm	356mm
Height	1700mm	1875mm
Filling Pressure	200 Bar @21 °C	
Test Pressure	300 Bar	
Standard of Compliance	TPED	

1b. BT Inert c/w Valve and Label (300 Bar)

Specification		
Capacity	80L	140L
OD	279mm	356mm
Height	1700mm	1875mm
Filling Pressure	300 Bar @21 °C	
Test Pressure	450 Bar	
Standard of Compliance	TPED	

**System Components**

Part Number	Agent Type	Cylinder Size (L)	Nominal Agent Volume (m3) / Agent Weight (kg) for 200 Bar	Nominal Agent Volume (m3) / Agent Weight (kg) for 300 Bar	
IG200-01-80L-BT	IG-01 (100% Argon)	80	17.1m3 / 28kg	23.9m3 / 39.1kg	
IG300-01-80L-BT					
IG200-01-140L-BT		140		29.5m3 / 48.2kg	42.2m3 / 69kg
IG300-01-140L-BT					
IG200-55-80L-BT	IG-55 (50% Nitrogen and 50% Argon)	80	15.8m3 / 22.3kg		22.2m3 / 31.3kg
IG300-55-80L-BT					
IG200-55-140L-BT		140		27.6m3 / 38.9kg	38.9m3 / 54.8kg
IG300-55-140L-BT					
IG200-100-80L-BT	IG-100 (100% Nitrogen)	80	15.0m3 / 17.5kg		20.8m3 / 24.2kg
IG300-100-80L-BT					
IG200-100-140L-BT		140		26.2m3 / 30.5kg	36.3m3 / 42.2kg
IG300-100-140L-BT					
IG200-541-80L-BT	IG-541 (52% Nitrogen, 40% Argon and 8% Carbon Dioxide)	80	16.3m3 / 23.0kg		22.8m3 / 32.3kg
IG300-541-80L-BT					
IG200-541-140L-BT		140		28.4m3 / 40.2kg	39.9m3 / 56.4kg
IG300-541-140L-BT					

BLAZETECH SYSTEMS LTD.
contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

www.blaze-tech.co.uk

Disclaimer: Images shown are for illustration purposes only. Actual products may vary in appearance and specification. Specifications are subject to change without notice.