# WHEELED EXTINGUISHER AG-INDR-28-xxx / AG-INDR-42-xxx / AG-INDR-49-xxx

Manual wheeled dry chemical extinguishing system / 28, 42 and 49 kg / Stored pressure / Local application

Data sheet 13312 Rev.00

## Product description

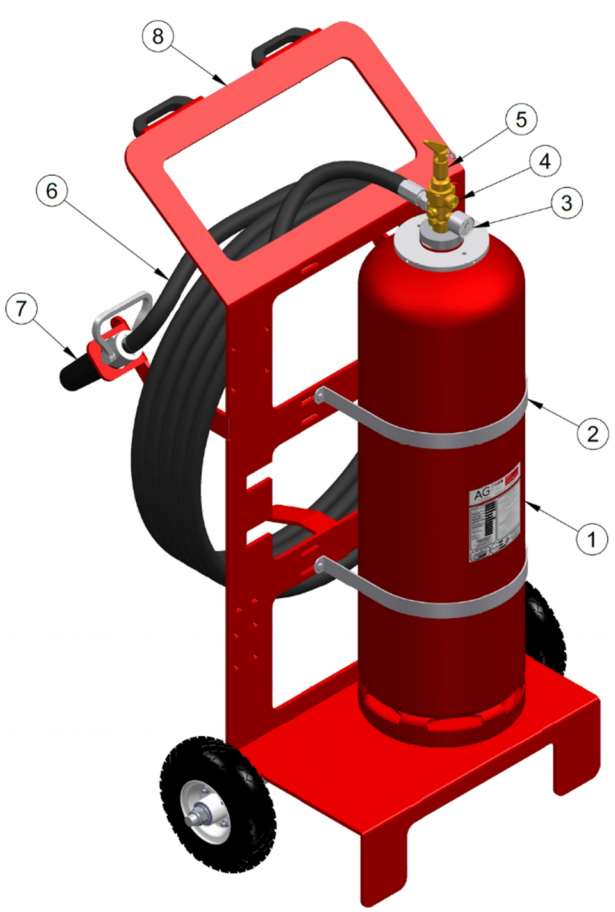
The AG-INDR-xx-xxx dry chemical wheeled fire extinguisher is a mobile unit designed to provide a larger amount of dry chemical than conventional portable fire extinguishers for industrial applications. Depending on the model, it contains a charge of 62, 93, or 108 lbs (28, 42, or 49 kg) of extinguishing agent.

The unit consists of a wheeled cart that can be easily transported and operated by a single person. A cylinder filled with the dry chemical agent is installed on the cart and connected to a flexible hose with a hand hose nozzle. The dry chemical cylinder is pressurized with the propellant agent ($N_2$) at 218 or 363 psi (15 or 25 bar).

The system is manually activated by operating the 227DM actuator installed on the cylinder valve. This causes the valve to open and allows the agent to flow into the hose. Finally, by actuating the hand hose nozzle, the dry chemical can be discharged onto the fire source.

Dry chemical is suitable for the protection of Class A hazards (solid combustible materials), Class B hazards (flammable liquids and gases), and Class C hazards (energized electrical equipment).

## System components




| Nº | Description | Type | Qty |
|---|---|---|---|
| 1 | Dry chemical cylinder | AG-INDR-28-ABC, AG-INDR-28-BC, AG-INDR-28-KBC, AG-INDR-42-ABC, AG-INDR-42-BC, AG-INDR-42-KBC, AG-INDR-49-ABC, AG-INDR-49-BC, AG-INDR-49-KBC | 1 |
| 2 | Fixing brackets | POHCxx | 3 |
| 3 | Pressure gauge | 5140-W40, 5140-W60, UF40I-P24 | 3 |
| 4 | Container valve | RGS-MAM-12-4, RGS-MAM-20 | 1 |
| 5 | Manual actuator | 227DM | 1 |
| 6 | Booster hose | BH 15, BHLT 15, BH 20, BHLT 20 | 1 |
| 7 | Hand hose nozzle | SILx-xR | 1 |
| 8 | Wheeled cart | AG-IND-WH | 1 |

## Applications

Provides protection against a wide range of hazards, including refineries, chemical plants, fuel storage areas, loading platforms, offshore platforms, airports, and heavy manufacturing operations.

This system can be strategically positioned, occupying minimal space while protecting areas with a high fire risk.

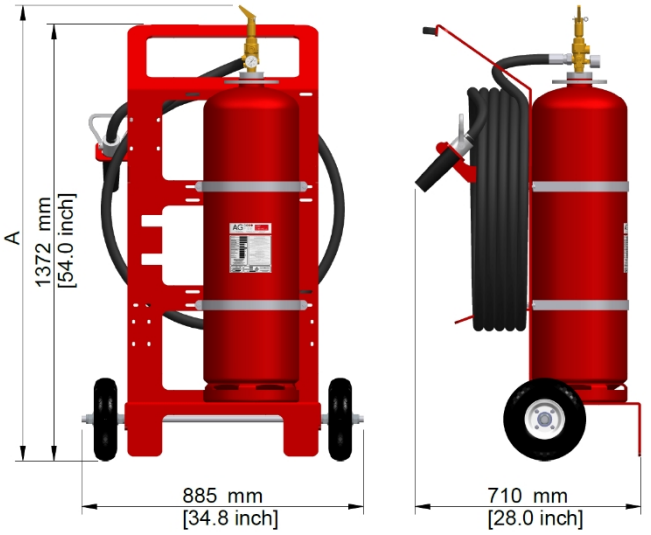
## Technical data

| AG-INDR-xx-xxx WHEELED EXTINGUISHER | | | | |
|---|---|---|---|---|
| Model | Dry chemical type | Dry chemical filling lbs (kg) | Hose diameter | Cylinder pressure |
| AG-INDR-28-ABC | ABC | 61.7 (28) | ½” | 218 psi (15 bar) |
| AG-INDR-28-BC | BC | | | |
| AG-INDR-28-KBC | KBC | | | |
| AG-INDR-42-ABC | ABC | 92.6 (42) | ¾” | |
| AG-INDR-42-BC | BC | | | |
| AG-INDR-42-KBC | KBC | | | |
| AG-INDR-49-ABC | ABC | 108.0 (49) | ¾” | 363 psi (25 bar) |
| AG-INDR-49-BC | BC | | | |
| AG-INDR-49-KBC | KBC | | | |

**NOTE:** Class D dry chemical systems are also available. Contact AG Fire.


C/Alfoz de Bricia nº4 | P.I. Villalonquéjar | 09001 Burgos (Spain) | Tlfno: +34 947 28 11 08 | www.agfiresprinkler.com

## Dimensions

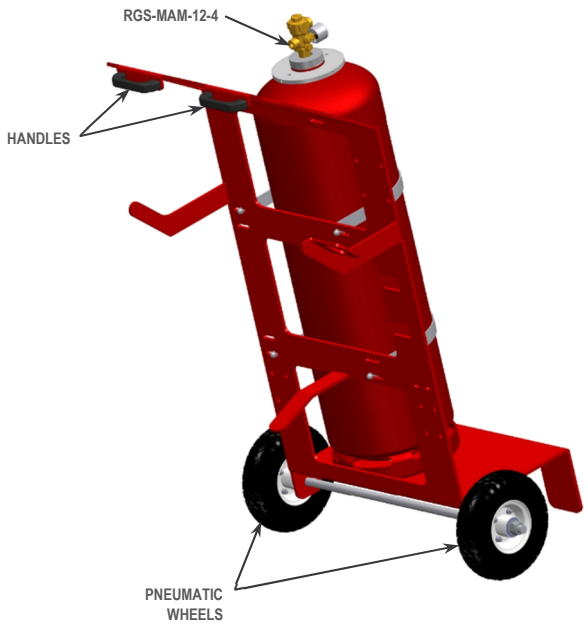



| APPROXIMATE DIMENSIONS | | | |
|---|---|---|---|
| | AG-INDR-28-xxx | AG-INDR-42-xxx | AG-INDR-49-xxx |
| A | 41.6 inch (1056 mm) | 56.3 inch (1431 mm) | 57.2 inch (1452 mm) |

## Dry chemical cylinder in wheeled cart

The dry chemical storage cylinder consists of a steel container equipped with a valve and an internal siphon tube, factory-filled with the corresponding type of dry chemical. It is secured to the cart by means of mounting brackets that ensure its stability during transport and operation.

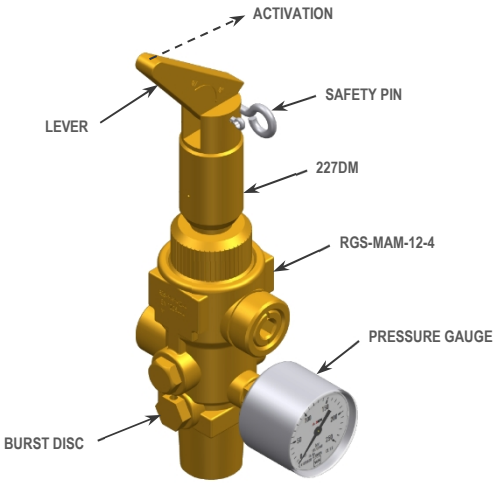
The cart is fitted with two pneumatic wheels that facilitate manoeuvrability and provide system stability. It incorporates ergonomic handles for safe handling, as well as storage space for the hose and hand hose nozzle, allowing quick and efficient access in the event of intervention.




## Container valve with manual release

The container valve model RGS-MAM-12-4 or RGS-MAM-20 allows the discharge of the extinguishing agent from the container to the hose. It is equipped with a pressure gauge for pressure monitoring and a rupture disc that acts as a pressure relief device in the event of overpressure.

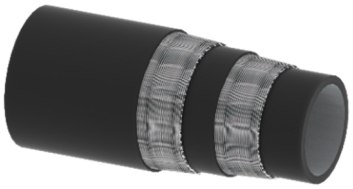
Activation is carried out through the 227DM manual actuator, installed on the upper port of the valve by means of a swivel nut that allows correct orientation. Once the actuator safety ring is removed, the handle can be turned in the opposite direction to initiate the discharge.




## BH xx / BHLT xx booster hose

This non-collapsible hose ensures reliable operation at all times and is available in two materials, both with the appropriate reinforcement to withstand the working pressure. The wheeled fire extinguishers are designed for a maximum hose length of 52.5 ft (16 m).

The hose, when stored on the hose reel, constitutes the operational element of the system and, once deployed, it allows the extinguishing agent to be safely and efficiently conveyed to the hazard area.
For longer hose lengths, please contact AG Fire Sprinkler.

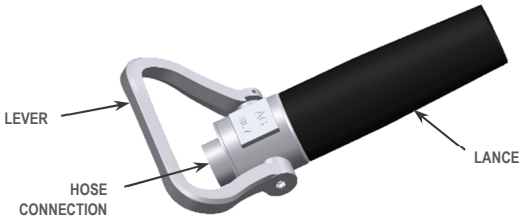


| BOOSTER HOSE | | | |
|---|---|---|---|
| Model | Hose diameter | Cover material | UL approval |
| BH 15 | ½" | Synthetic rubber | No |
| BHLT 15 | | Black blended PVC | Yes |
| BH 20 | ¾" | Caucho sintético | No |
| BHLT 20 | | Black blended PVC | Yes |


C/Alfoz de Bricia nº4 | P.I. Villalonquéjar | 09001 Burgos (Spain) | Tlfno: +34 947 28 11 08 | www.agfiresprinkler.com

## SILx-xR hand hose nozzle

The discharge nozzle consists of a lance, lever, and hose connection assembly, where the lever controls the opening and closing of the dry chemical flow. The nozzle is designed to generate a high-density dry chemical stream with medium range. The SILx-LR model has a discharge range of between 6 and 7 meters, the SILx-MR model between 8 and 10 meters, while the SILx-HR model reaches between 11 and 12 meters.





C/Alfoz de Bricia nº4 | P.I. Villalonquéjar | 09001 Burgos (Spain) | Tlfno: +34 947 28 11 08 | www.agfiresprinkler.com