

COMPARISON

Between

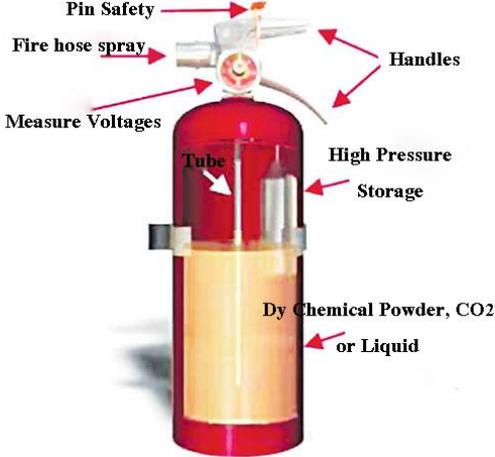
Automatic Fire Extinguishing Ball

And

Traditional Fire Extinguisher Tank

COMPARISON

Basically, we do not compare between fire extinguishing tank and elide fire extinguishing ball which when it touches to fire flame within 3-10 seconds, it will activate automatically and extinguish fire while the general need to be used 100% manually.

<p style="text-align: center;">Descriptions</p>	<p style="text-align: center;">Fire Extinguishing Tank</p> 	<p style="text-align: center;">Fire Extinguishing Ball “Elide Fire”</p> 
<p style="text-align: center;">Patents</p>	<p style="text-align: center;">No Patent</p>	<p style="text-align: center;">The product has been certificated from International Patent Publication No. WO 2008 / 150265 A1 by protecting country members 146 countries around the world</p>
<p style="text-align: center;">Skill Require</p>	<p style="text-align: center;">Skill requires in using the fire extinguishing tank.</p>	<p style="text-align: center;">Because it activates automatically, there is no skill require, no need any training, whoever can use it even women, children, or elderly, just only roll or toss into the fire base, no need to come closer to fire and exactly safe.</p>
<p style="text-align: center;">Weight</p>	<p style="text-align: center;">It's hard to hold because of heavy weight.</p>	<p style="text-align: center;">It's easy to hold because of light weight, only 1.3 kg and due to the sphere shape, so it's easy to roll or toss into the fire base.</p>
<p style="text-align: center;">Human Security</p>	<p style="text-align: center;">Because people need to come closer to fire base around 6 feet or 1.8 meters, it is high risk to get dangerous from fire and get poisoned gas.</p>	<p style="text-align: center;">Not harmful to people because people can stand away in safe position and roll or toss into fire base.</p>
<p style="text-align: center;">Chemical Inside</p>	<p style="text-align: center;">Because of there is pressure inside, so that the chemical can coagulate</p>	<p style="text-align: center;">There is no pressure inside.</p>

Maintenance	Need regularly maintenance in every 6 months.	No need maintenance require throughout 5 years life span
Refilling	In case of refilling, that is possible to use the same chemical to reuse again which user cannot verify.	No need refilling require throughout 5 years life span
Concentration of Dry Chemical Powder	30 - 45% because tank takes high cost of iron so that's why the chemical has less quality.	90 +- 3 % as EN615 standard
Possibility of Failure	If there is no regularly maintenance or have not used in long time, it could be possible to get failure because the tank is made from steel which can cause to the device operating.	Because there is no components made from steel, probability of failure would be zero.
Environment	Most of former fires extinguishing devices are usually made from CFC and other components that harmful to environment.	Elide Fire Ball is made from materials that has no CFC; Mono Ammonium Phosphate which is not harmful to human, animal, and also friendly with environment.
Price	Total cost throughout 5 years = USD 210 First purchasing = USD 60/unit Regularly maintenance every 6 months USD 15 x 10 = USD 150	Elide Fire Ball pay only once = USD 75 throughout the period of 5 years.
Operational Interval	Stand away from fire base 6 feet or 1.8 meters and need to take time for holding tank around 18-20 seconds.	Stand away from fire base in safety interval and it works automatically.
Operational Duration Time	Due to it does not activate automatically, so it needs to use more time in operating.	It would be completed because it works automatically.
Sound	None	When the fire ball activates, there is sound alert around 140 decibels and not harmful to people hearing as ACGIH standard
Additional Benefit	None	It could monitor disaster and activate automatically when touch with fire flame within 3-10 seconds 5 years life span for the end user 1 year life span for distributor keeps in stock to sell.

		After 6 years, it still can be used but the efficiency would be reduced.
Operational Principle	The chemical that was sprayed out would bother the fire chain reaction only	It works by cutting elements of fire chain reaction out and prevent the elements of fire chain reaction for not to combine again, so the fire will be extinguished.
Dangerous from using	Can get dangerous if you do not use carefully	No dangerous
Dangerous from going to extinguish fire	Cannot come closer to fire because fire flame is very hot.	No need to come closer to fire; just stand at the appropriate point.
Chemical	The dry chemical inside should exist no longer than 3 years because it needs to be filled pressure every 6 months and the concentration is 45% or 65%	Concentration of chemical is 90% +-3 there is no pressure and air inside, so that the chemical can still be used throughout 5 years life span.