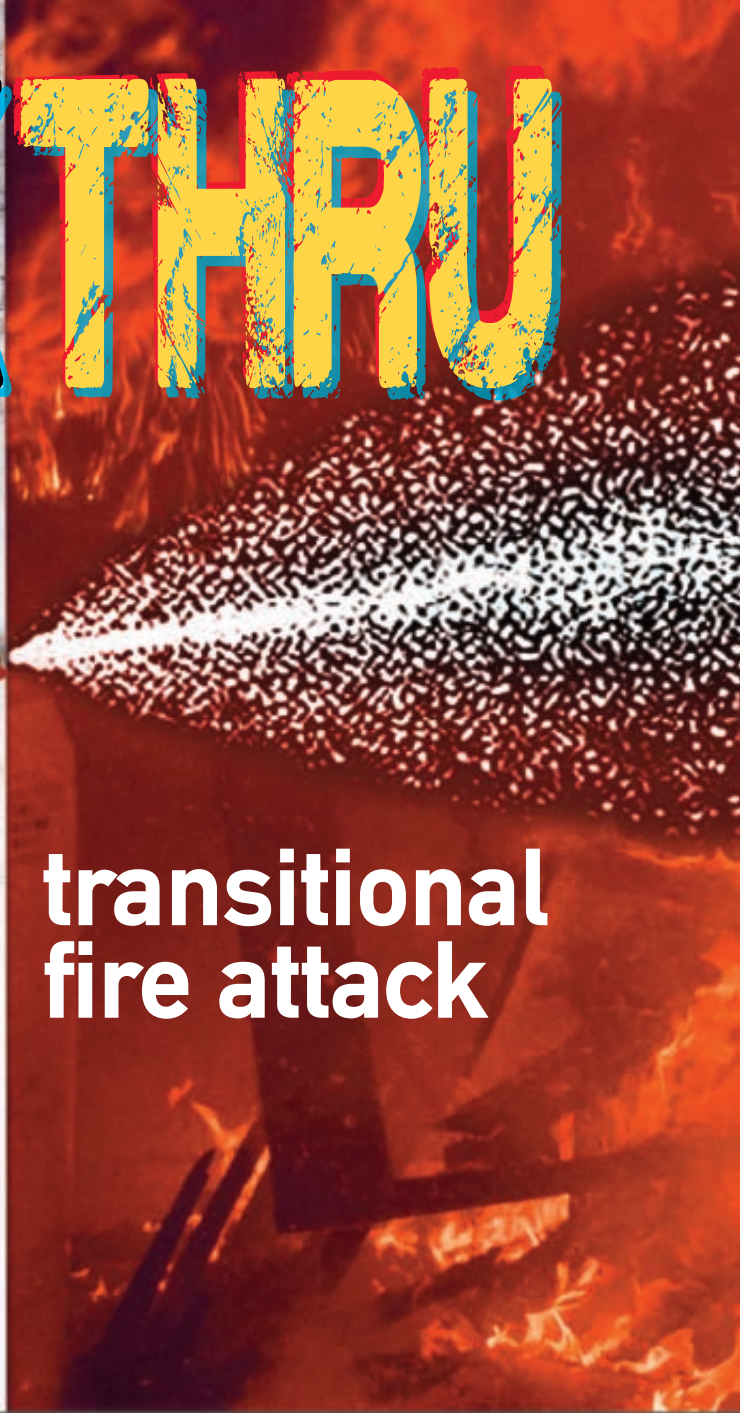


BREAKTHRU



transitional
fire attack

- ***Pierce***
- ***Control***
- ***Enter Safely***

The *PyroLance* transitional attack tool

changes the way firefighters gain entry and approach compartment fires in a burning building or structure. This enables firefighters to assert control of interior fire conditions before entering the structure or involved fire zone.



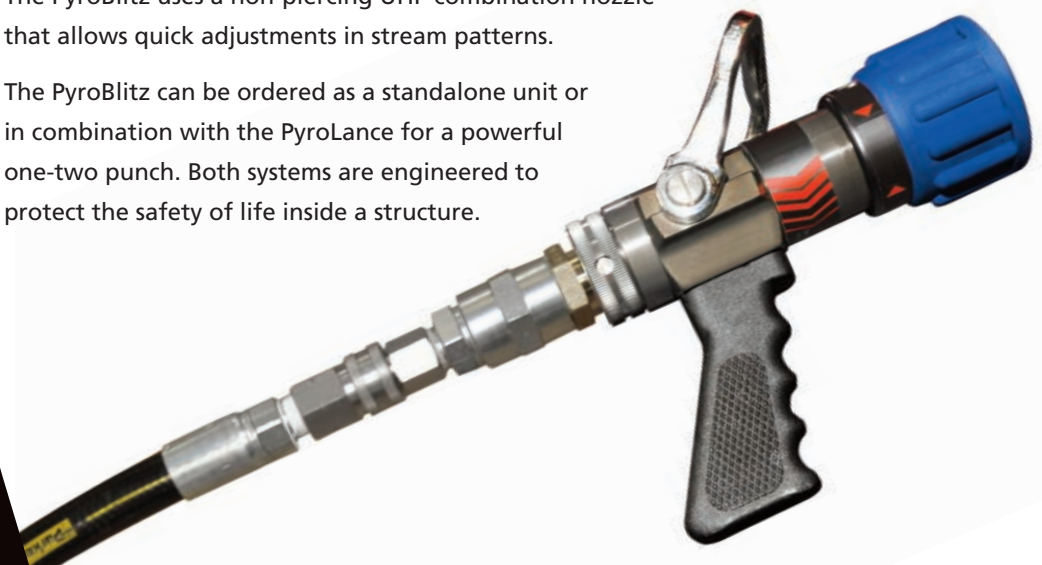
This new strategy of asserting control of the fire prior to entering is a key aspect of transitional fire attack and the overall emphasis toward increased fire fighter safety. While using the PyroLance, it is possible to be in an aggressive interior attack mode while maintaining a defensive exterior position.

Material	1/4" (6 mm) Aluminum	Double Brick Faced Wall	Double 3/4" (19 mm) Plywood	Concrete Block	3/4" (19 mm) Plate Steel
Piercing Time	10 seconds	30 seconds	30 seconds	35 seconds	55 seconds

The *PyroBlitz* attack line

The PyroBlitz is a tough, lightweight, aggressive attack line with a superior stream reach that's ideal for fighting structural fires. The PyroBlitz uses a non-piercing UHP combination nozzle that allows quick adjustments in stream patterns.

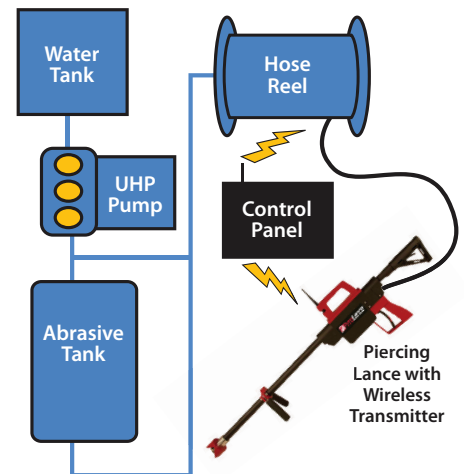
The PyroBlitz can be ordered as a standalone unit or in combination with the PyroLance for a powerful one-two punch. Both systems are engineered to protect the safety of life inside a structure.



The **PyroLance** transitional fire attack

At the very root of PyroLance transitional fire attack is a concept that views the safety of fire fighters as a priority while still providing them with tools, techniques, and tactics that allow them to be highly effective in their approach. This provides them a safer work environment to achieve their objectives in an efficient manner.

The principle of PyroLance transitional fire attack is to utilize gas cooling along with surface cooling. This has a profound effect in that minimal water is required due to the ultra high pressure water mist technology. This unique feature of being able to penetrate using the Lance from the outside, allows fast control of interior fire conditions from a defensive exterior position with reduced risk to the fire fighter.

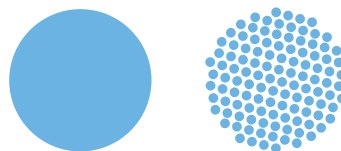


A perfect fit for any vehicle

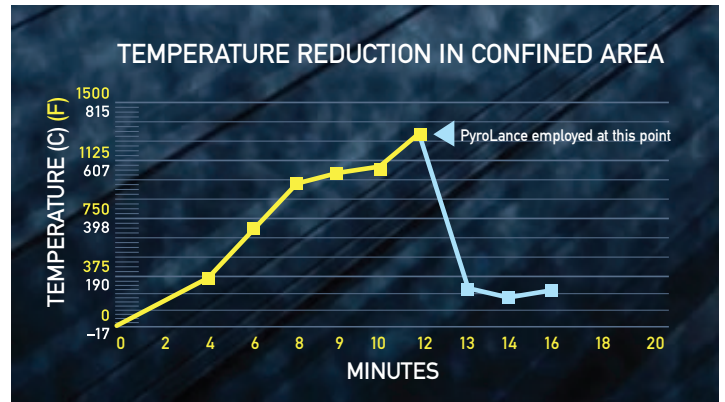
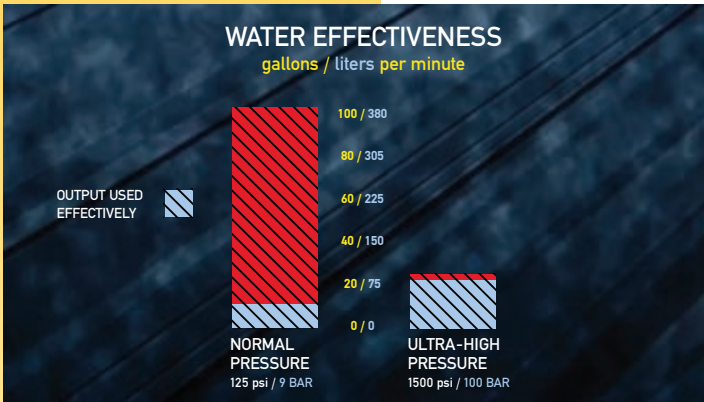
The PyroLance system consists of a high-pressure pump unit, water supply, abrasive supply, hose and hand-held lance. The PyroLance and the PyroBlitz can easily be integrated within any fire vehicle, trailer or skid. Gasoline (petrol), diesel or PTO hydraulic configurations available.

What is Ultra-High Pressure?

Ultra-High Pressure (UHP) creates and delivers micro-droplets of water at pressures over 1,000 PSI (70 BAR). By reducing the droplet size, UHP increases the surface area for any given volume of water by 16 to 20 times. This allows the micro-droplets to absorb heat, drop temperatures and extinguish the fire with incredible speed.



UHP attack lines are lighter and more flexible than normal pressure handlines, improving a crew's mobility while significantly reducing fatigue and stress. UHP also provides a greater reach when compared to traditional handlines, enabling firefighters to attack fires from a safer distance.



Increased water effectiveness using transitional fire attack tools

UHP routinely outperforms traditional attack lines while using only about 10% of the water. A full 90% of normal pressure flow becomes run-off and is effectively wasted. By contrast, 90% of ultra-high pressure flow is effective in knocking down and containing fires.

Suitable Applications

- Municipal
- Aviation
- Marine
- Industrial
- Military
- Special OPS

Key Benefits

Firefighter Safety

- Superior stream reach
- Increased heat absorption
- Fast hydraulic ventilation

Ergonomics

- Light and comfortable
- Easy to maneuver
- Reduced fatigue
- Quick in-service
- Fast take-up

Cost

- Affordably priced
- Creates CAFS-like foam without compressors

Environmental

- 90% water efficiency
- Less water run-off
- Less water damage
- Less extinguishing agent

Mobility

- Faster fire access
- Reduced nozzle reaction

Installation

- Plug-and-play design
- Easy installation on fire vehicles, trailers or skids



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