



RTE FX

Rosenbauer Technical Equipment
The high-end firefighting nozzle.

Safe and effective for all your operations.

 **rosenbauer**



The RTE FX nozzles from Rosenbauer excel because of their:

- **Intuitive operation and perfect functionality** thanks to sophisticated design features
- **Maximum reliability** due to robust construction and top-quality materials
- **Optimal extinguishing performance at all times** with flow rates from 40 to 750 l/min



Ready to attack.

Rosenbauer nozzles.

When it comes to firefighting, nozzles are among the most important and widely used tools of the fire service. Firefighters use them to stop the spread of a fire, save buildings and facilities and above all saves lives – of other people and their own.

Intuitive operation and high performance

That's why Rosenbauer's RTE FX range offers the ultimate high-end nozzles for this vital task. These first impress with their ergonomics – because intuitive and therefore automatically correct operation is the most important element in safe use. In addition, they feature top-quality materials and are designed to cope with high strain. RTE FX nozzles are suitable for municipal, industrial and airport fire departments, can be operated by all firefighters without long training times, and are cost-effective.

For indoor and outdoor fires: from 40 to 750 l/min

RTE FX nozzles are available in three sizes. With maximum flow rates of 235, 400, and 750 l/min (EN) or 230, 475, and 750 l/min (NFPA), they cover the entire spectrum of firefighting requirements for indoor to outdoor fires.

Our name is our bond: Rosenbauer

For over 150 years, Rosenbauer has led the way as a pioneer and a partner for emergency services. We are unique in our ability to deliver effective solutions for every single decisive moment in fire and disaster control.

From preventative fire safety systems to all types of emergency vehicles, from digital applications to personal and technical equipment. As system providers, Rosenbauer handles all these fields with competence and experience. For Rosenbauer, perfection means preserving our legacy as a driver of progress. That's why we continue to set new standards with our technological innovations in fire and disaster control. Through in-depth conversations with our clients, we develop exactly the right solutions so that we can be at your side when you need us most. Worldwide. Everything you need to be optimally equipped for that decisive moment.

RTE FX – The right answer, every time.

One nozzle. Many different applications.

Nozzles are an indispensable tool for firefighting and other emergency services. Here are some of their most important applications.



Fighting interior fires

The challenge here are the constantly changing environmental conditions. With superb operability thanks to their cubic design and variability in jet distance and shape, the RTE FX nozzles really showcase their strengths when fighting interior fires.

Thanks to their flexibility and ease of use, RTE FX nozzles allow you to take control of any situation.



Fighting industrial fires

Industrial fires can develop enormous fire loads. That's why RTE FX nozzles have an extremely wide spray jet to protect advancing firefighting crews from excessive heat. This shield function also makes them suitable for approaching pipelines that need to be closed, e.g. in the event of gas fires. At the same time, the high throw distances of the full jet setting allows firefighting from a safe distance.

Flue gas cooling

Advancing firefighting teams are constantly confronted with the potential danger of flue gases igniting when fighting interior fires. RTE FX nozzles provide the emergency services with excellent protection thanks to the fast attack setting and the slide valve that creates the perfect spray pattern.



Fighting fires from a distance

Effective extinguishing over large distances requires precision and using an extinguishing agent jet with the correct range. That's why all RTE FX nozzles are optimized for long jet distances.



Fighting outdoor fires

Fighting fire sources from outside requires maximum precision over long distances. The full jet setting of the RTE FX is perfect for this, because it makes firefighting easier, while protecting neighboring objects from a safe distance. The special handle design of the RTE FX reduces strain on hands and arms during long deployments.



**Intuitively
connected.**





FLUSH

Pioneering design. Proven quality.

Highlights of the RTE FX series in detail.

■ Shock and wear resistant screw connection.

■ Practical mounting lug

This allows the nozzle to be clipped on and pulled up the stairwell, for instance.

■ Rotary coupling joint

Available with all standard couplings

■ FX ERGO grip

The shape and surface of the grip have been trimmed for maximum ergonomic comfort for gloves of all sizes to ensure minimum fatigue even during prolonged outdoor firefighting.





■ **User-optimized flow rate control handle**

The flow rate control handle is just long enough to be easy to use without interfering with the firefighter's grip.

■ **FX absorber**

With a built-in spring system, the spray head partially absorbs the kinetic energy that is created by smashing a window, for instance.

■ **Durable sprocket**

The secure sprocket is also made for the toughest jobs.

■ **Fast attack design**

To use the fast attack setting, align the flow and jet shape modules so they are parallel to configure the optimal start setting for indoor fires. This can always be felt by touch whilst wearing gloves and enables the firefighters to choose the right setting even with zero visibility. The intuitive system guarantees perfect control and minimizes the amount of training required.

■ **3 adjustable maximum flow rate settings**

Flow rate control allows for quick switching between three maximum flow rates.

■ **Additional grip protection**

Made from shock-absorbing material, this absorbs impact energy.

RTE FX nozzle.

The high-performance nozzle.

Rosenbauer's RTE FX nozzles combine uncompromising state-of-the-art technology, an intuitive operating concept, and the highest-quality materials and manufacturing processes to create a remarkably functional and cost-effective product. The range has now been expanded to include models with flow rates of up to 750 l/min, leaving nothing to be desired when it comes to versatility.



Ingenious, high-quality, and maintenance-free

The RTE FX nozzle is bursting with innovations, and the manufacturing and materials used are just as high-quality as the engineering. Every RTE FX nozzle is made of anodized aluminum, stainless steel, and robust plastic, and is designed to be a zero-maintenance tool.

1 RTE FX 235 EN / 230 NFPA

- The perfect tool for indoor firefighting
- Reduced training requirements due to fast attack setting
- Ideal for flue gas cooling
- Low to medium flow rates reduce water damage
- Excellent spray pattern for every situation thanks to the modern slide valve
- Ideal for usage on quick deployment facilities with dimensionally stable hose

**2 RTE FX 400 EN / 475 NFPA**

- The all-rounder nozzle
- Impressive when fighting interior and exterior fires
- Medium flow rates make every situation manageable
- Ideal for flue gas cooling
- Excellent spray pattern for every situation thanks to the state-of-the-art slide valve
- Reduced training requirements due to fast attack setting

**3 RTE FX 750 EN / 750 NFPA**

- The specialist nozzle for exterior fires
- Perfected design to prevent fires from spreading
- Even large fires don't stand a chance against medium to high flow rates
- High jet distances allow firefighters to stay at a distance for greater safety
- Excellent spray pattern for every situation, thanks to the state-of-the-art slide valve
- Reduced training requirement, thanks to the fast attack setting

**Technical data**

Model according to standard	RTE FX 235 EN EN 15182	RTE FX 400 EN EN 15182	RTE FX 750 EN EN 15182	RTE FX 230 NFPA NFPA 1964*	RTE FX 475 NFPA NFPA 1964*	RTE FX 750 NFPA NFPA 1964*
Adjustable flow rate in l/min (US gpm)	40 (11) 130 (34) 235 (62)	130 (34) 235 (62) 400 (106)	360 (95) 550 (150) 750 (200)	50 (13) 150 (40) 230 (60)	115 (30) 230 (60) 475 (125)	360 (95) 550 (150) 750 (200)
Operating pressure	6 bar (87 psi)	6 bar (87 psi)	6 bar (87 psi)	7 bar (100 psi)	7 bar (100 psi)	7 bar (100 psi)
Max. jet distance	approx. 39 m (128 ft)	approx. 46 m (151 ft)	approx. 49 m (161 ft)	approx. 42 m (138 ft)	approx. 49 m (161 ft)	approx. 50 m (164 ft)
Length	32 cm (12.6")	32 cm (12.6")	36 cm (14.2")	32 cm (12.6")	32 cm (12.6")	36 cm (14.2")
Weight	2.2 kg (4.85 lbs)	2.2 kg (4.85 lbs)	2.6 kg (5.7 lb)	2.2 kg (4.85 lbs)	2.2 kg (4.85 lbs)	2.6 kg (5.7 lb)

In general, length and weight are indicated with the Storz C coupling, except the RTE FX 750 which is indicated with Storz B coupling.

*RTE FX NFPA nozzles are designed and manufactured following relevant criteria of NFPA 1964.

RTE FX

The high-performance fog nozzle.



Order information

RTE FX	235 EN	400 EN	750EN	230 NFPA	475 NFPA	750 NFPA
BSP 1 1/2" AG	2790001	2790501	-	2790201	2790601	-
BSP 2 1/2" AG	-	-	2790706	-	-	2790701
Storz B	-	2790506	2790707	-	2790606	2790702
Storz C	2790002	2790502	-	2790202	2790602	-
Storz 65	2790005	2790505	2790710	2790205	2790605	2790705
BS 336 2 1/2" male	2790004	2790504	2790708	2790204	2790604	2790704
NH 1 1/2" female	2790003	2790503	-	2790203	2790603	-
NH 2 1/2" female	-	-	2790709	-	-	2790703

Other coupling variants on request.

Order information accessories

Heavy foam attachment for RTE FX 235/230 and FX 400/475	279005
Medium foam attachment for RTE FX 235/230 and FX 400/475	279004



Heavy foam attachment



Medium foam attachment