



Nozzles and portable monitors

 **rosenbauer**

SELECT FLOW EN

■ Maximum extinguishing effect. Minimal water consumption.

The Rosenbauer SELECT FLOW nozzle enables the manual adjustment of the water flow rate via an adjusting ring. This achieves a maximum extinguishing effect with minimal water consumption. The SELECT FLOW nozzles RB 99 EN, RB 100 EN and RB 101 EN are TÜV Austria certified according to the current standard for nozzles EN 15182-2:2007.

Design and ergonomics



Spinning teeth made of stainless steel: For best fog pattern when using „protective-shield“-setting.



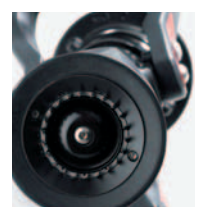
Stream pattern adjustment: Within 100° rotation adjustment from straight stream to protective shield.



Ergonomic on/off handle: Glass-fibre reinforced and additionally light alloy reinforcements on both sides.



Ergonomic pistol grip: For better handling and reduced fatigue when wearing fire fighting gloves.



High-quality materials: Body made of hard anodised light alloy, water carrying components made of corrosion-resistant materials.

Shock-resistant pattern adjustment bumper: With integrated pointer. The flash over position at 45° (pointer at 12h) is easy to detect even when wearing fire fighting gloves.

Technical data SELECT FLOW

Type	RB 99 EN SELECT FLOW	RB 100 EN SELECT FLOW	RB 101 EN SELECT FLOW
Adjustable flow settings in l/min*	17 30 80 130	45 85 130 200	130 230 300 400
Max. throwing range approx.*	32 m	36 m	44 m
Length**	30 cm	30 cm	31 cm
Weight**	2 kg	2 kg	2.2 kg

* The flow settings and the throwing range of the types SELECT FLOW RB 99 EN, RB 100 EN, RB 101 EN are measured with reference to an operation pressure of 6 bar.

** With Storz C coupling



Flow pattern of the SELECT FLOW nozzles:



Straight stream

- Working from a safe distance with extensive throw range
- High kinetic energy to eliminate ember and fire pockets



Variable fog patterns

- Fine water droplets for rapid heat reduction
- Minimisation of water damage due to smaller volumes of water
- Ideal for cooling, fume abatement and combating fires involving burning liquids



Protective shield

- Finest water droplets and wide spray angle to create a large area protective shield
- Protection of fire fighting team against radiant heat

Swivel joint for SELECT FLOW RB 99, RB 100, RB 101



The swivel is ideal for cooling down the flue gas of an interior fire, since the hose does not have to be pulled along with upward motion. It makes swiveling motions up to 45° in every direction possible.

In case of outdoor attacks, the swivel is used as an elbow support. Movement is possible in every direction.

SELECT FLOW NFPA

The Rosenbauer SELECT FLOW type „NFPA“ conforms to all aspects of NFPA 1964:2008. It permits multiple flow settings using a selection control ring with detents.



- 1 Moulded bumper ring** in front of the nozzle for various jet patterns
- 2 Ergonomic pistol grip**
- 3 Horseshoe valve control handle**
- 4 Swivel inlet**
- 5 Flow selection control ring with detents**
- 6 Spinning teeth** for very fine fog pattern made of stainless steel

Technical data SELECT FLOW NFPA

Type	SELECT FLOW RB 99 NFPA	SELECT FLOW RB 100 NFPA	SELECT FLOW RB 101 NFPA	SELECT FLOW RB 102 NFPA
Adjustable flow settings in l/min*	19 37 90 150	50 100 150 230	115 230 360 475	360 475 550 750
Max. throwing range approx.*	39 m	40 m	47 m	52 m

* The flow settings and the throwing range are measured with reference to an operation pressure of 7 bar.

Length and weight depending on the type of the nozzle and the used coupling. From 1.7 kg for the RB 99 NFPA (with 1" BSP female) up to 3.2 kg for the RB 102 NFPA with a Storz B coupling.

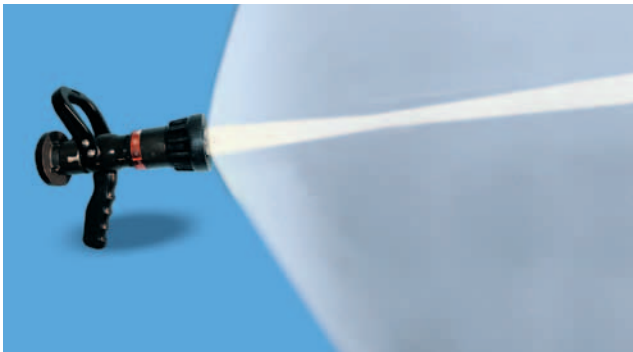
PRO JET

The **PRO JET** provides a wide range of stream combinations:

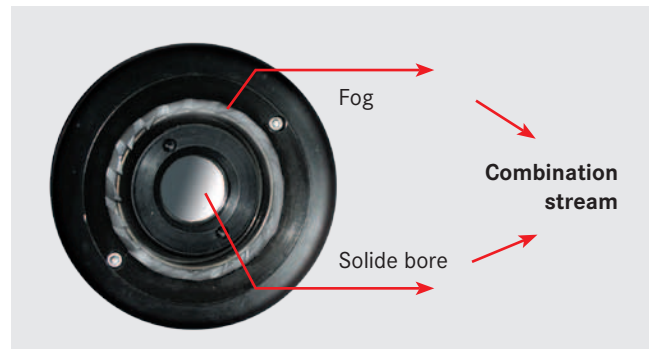
- Providing the combination of solid stream and fog pattern at the same time or independently
- Switch from solid to fog stream without shutdown
- Twist shutoff of the fog stream – ball shutoff of the straight stream
- Operates efficiently at pressure as low as 3.5 bar (50 psi)

Suitable at multiple applications of

- Interior
- Exterior
- Foam
- Penetration
- Protection
- Ventilation



Combined straight stream and variable fog patterns



Technical data PRO JET

Type	PRO JET I	PRO JET II
Adjustable flow settings in l/min*	ca. 180** ca. 370***	ca. 420** ca. 680***
Max. throwing range approx.*	34 m	40 m
Coupling connection thread	BSP 1 1/2" female thread	BSP 2 1/2" female thread
Length****	30 cm	31 cm
Weight****	2 kg	3 kg

* The flow settings and the throwing range are measured with reference to an operation pressure of 3.5 bar

** With full jet

*** With combined jet

**** With coupling Storz C or Storz B



RB 6



POWER STREAM

RB 6 and POWER STREAM in support of fire fighting

Portable monitors can be used for fire fighting, cooling or as a water shield. They can be used either manned or unmanned. Maximum throwing range from approx. 50 - 55 m, depending on model and nozzle used.

RB 6: compact and light

- Easy and quick to maneuver, stable operation
- Can be stored in small spaces on vehicle
- Low center of gravity for stable operation
- Unmanned operation possible (observe safety guidelines)
- Available with various nozzles
- Vertical pivoting range of 30 - 60° unmanned, up to 20° manned
- Flow rates: 360 - 475 - 550 - 750 - 950 l/min, 750 - 950 - 1,325 l/min, 950 - 1,400 - 1,900 l/min
- Can be delivered with all common coupling systems

POWER STREAM:

- Generous swivel range of up to 180° vertically and 70° horizontally
- Safety stop at 30°, can be unlocked to empty the monitor
- Quick-release locking system with spring bolts for quick and easy setup
- Flow rate with standard nozzle: 1,200 - 1,600 - 2,000 - 2,400 l/min
- Can be stored on vehicle
- Can be delivered with all common coupling systems

Technical data

Type	RB 6	POWER STREAM
	Robust and light construction	
Base frame	Folding and space-saving with carbide tips	
Stream pattern	Continuously adjustable from straight stream to spray jet	
Swivel range (continuous)	Vertical 30 - 60° unmanned Up to 20° manned Horizontal 20° from the middle	Can be rotated 180° vertically Horizontally 25 - 70° continuously via hand wheel (Safety stop at 30°)
Dimensions (HxWxD)	230 x 380 x 610 mm	410 x 640 x 660 mm
Throwing range approx.	up to 50 m at 1,325 l/min	up to 50 m at 1,600 l/min up to 55 m at 2,400 l/min
Weight incl. nozzle	9 kg	23 kg

RB 6: oscillating

- 950 - 1,400 - 1,900 l/min
- Adjustable, water-driven control pivots the nozzle 10°, 15° or 20° per side
- Oscillating can be stopped with On/Off switch at any time
- Built-in pressure gauge

Order Information

All nozzles can be supplied either without coupling (female thread) or individually fitted with Storz, British Standard or NH couplings. Other coupling systems are available on request.

Order numbers

	SELECT FLOW RB 99 EN*	SELECT FLOW RB 100 EN*	SELECT FLOW RB 101 EN*	PRO JET I	PRO JET II
BSP 1" fem.	279500	279530	279560		
BSP 1 1/2" fem.	279505	279535	279565	279215	279220
BSP 2 1/2" fem.				279216	279221
Storz B					279222
Storz C	279510	279540	279570	279217	
Storz C + Swivel joint	279514	279544	279574		
Storz 65	279517	279547	279577		
BSS 336 1 1/2" male	279520	279550	279580		
BSS 336 2 1/2" male		279555	279585	279218	279223
BSS 336 1 1/2" male + Swivel joint	279516	279546	279578		
NH 1 1/2" female	279525	279557	279590		
NH 2 1/2" female				279219	
Quick clamp on foam tube	279236	279236	27923101	279231	279237
Spare parts set	2792304	2792301	2792302	279225	2792306

BSP ... British Standard Pipe Thread
BS 336 ... British Standard Coupling Norm

* The RB 99 EN, RB 100 EN and RB 101 EN nozzles are tested according to EN 15182-2:2007 by TÜV Austria

Order numbers

	SELECT FLOW RB 99 NFPA	SELECT FLOW RB 100 NFPA	SELECT FLOW RB 101 NFPA	SELECT FLOW RB 102 NFPA
BSP 1" fem.	279239	27922802	2793008	
BSP 1 1/2" fem.	279240	279234	27923004	279233
BSP 2 1/2" fem.				27923307
Storz B				27923302
Storz C	279245	279229	27923005	
Storz 65	279246	27922906	27923006	27923304
BSS 336 1 1/2" male	279247	27922805	279230	
BSS 336 2 1/2" male	27924705	27922807	27923002	27923301
BSS 336 1 1/2" male + Swivel joint	27924805	27922810	27923014	
NH 1 1/2" female	279248	27922804	27923003	
NH 2 1/2" female				27923305
Quick clamp on foam tube	279236	279236	279231	279237
Spare parts set	27923501	27923401	27923001	27923306



Storz



BS



NH



Foam tube

Nozzles and portable monitors



Monitor RB 6

Order no.	Coupling	Tip
265493	Storz B	360-475-550-750-950 l/min
265630	Storz B	750-950-1,325 l/min
265640	Storz B	950-1,400-1,900 l/min
26549305	Storz 65	360-475-550-750-950 l/min
265497	BSS 336 2 1/2" male	360-475-550-750-950 l/min
265650	BSS 336 2 1/2" male	750-950-1,325 l/min
265660	BSS 336 2 1/2" male	950-1,400-1,900 l/min
265494	BSP 2 1/2" female	360-475-550-750-950 l/min
265508	BSP 2 1/2" female	750-950-1,325 l/min
265500	BSP 2 1/2" female	950-1,400-1,900 l/min

BSP ... British Standard Pipe Thread (Rohrgewinde)

*The RB 99 EN, RB 100 EN and RB 101 EN nozzles are tested according to EN 15182-2:2007 by TUV Austria



Storz B or C



foam tube

Monitor RB 6 oscillating

Order no.	Coupling	Tip
265513	Storz B	950-1,400-1,900 l/min
265514	Storz 65	950-1,400-1,900 l/min
265515	BSS 336 2 1/2" male	950-1,400-1,900 l/min
265512	BSP 2 1/2" female	950-1,400-1,900 l/min

Tips for RB 6 and POWER STREAM

Order no.	Tip
265504	360-475-550-750-950 l/min
265503	750-950-1,325 l/min
265502	950-1,400-1,900 l/min
265486	Foam Tip 1-3% 1,900 l/min incl. 2.5 m suction hose

Monitor POWER STREAM

Order no.	Coupling	Tip
265485	2x Storz B	1,200-1,600-2,000-2,400 l/min
265492	2x Storz 65	1,200-1,600-2,000-2,400 l/min
265487	2x BSS 336 2 1/2" male	1,200-1,600-2,000-2,400 l/min
26548520	2x BSP 2 1/2" female	1,200-1,600-2,000-2,400 l/min
26548705	2x NH 2 1/2" female	1,200-1,600-2,000-2,400 l/min



265504

265502

265503

265486

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