

# Técnicas e Ingeniería de Protección S.A

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## Data Sheet BD 7515 1 1/2" INLET



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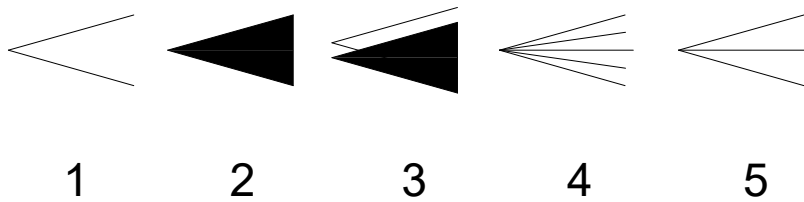
## Datasheet for hand-held branch pipes for FIRE service use

### BLUEDEVIL 7515

#### General Data

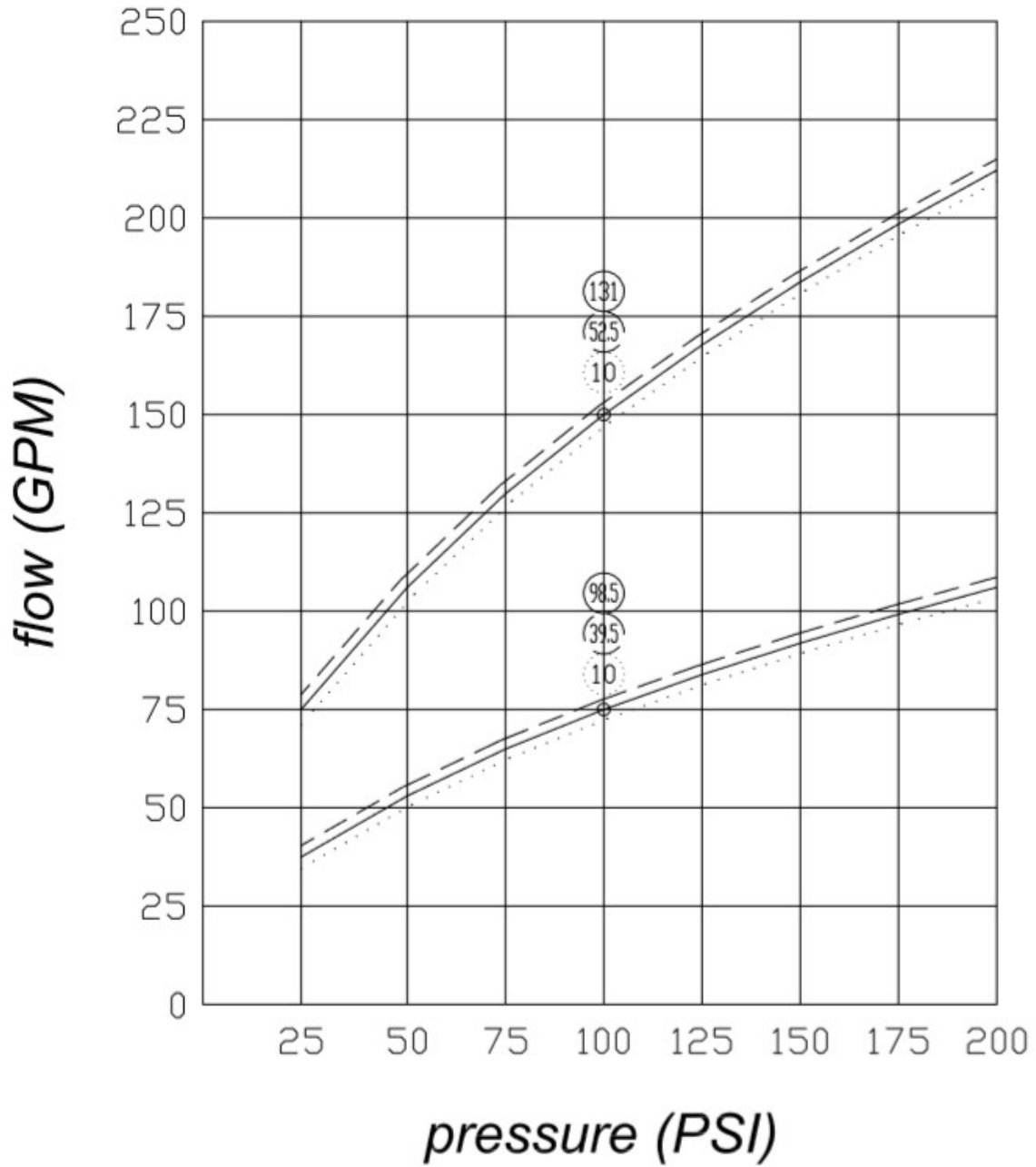
Manufacturer	Técnicas e Ingeniería de Protección S.A.
Type	BLUEDEVIL 7515
Flow rate (l/min) a $p_R$	150 GPM at 100 PSI
Flow settings	75-95-125-150-FLUSH
Type of spray*	Hollow / full cone spray alternatively




#### Flow pressure chart



- 1.- Hollow cone Spray
- 2.- Full cone Spray
- 3.- Hollow/Full cone Spray alternatively
- 4.- Hollow cone spray combined with narrow spray jet
- 5.- Hollow cone spray combined with full jet

# BLUE DEVIL 7515



-  Full Jet: Throw (Feet)
-  Narrow Spray Jet: Throw (Feet)
-  Wide Spray Jet: Throw (Feet)

### Operating device

Fitting system	Swivel coupling
Gripping device	Pistol Grip
Open / shut-off device*	Ball valve
Jet / spray system*	Rotating operating element (bumper)
Flow adjustment system*	Rotating flow ring

### Prescriptions

	Item	Test result
OPERATING AND HANDLING	Dimensions (Inches)	10.12X9.53X4.29
	Mass (Lbs)	4.52
	Flow adjustment* Rotation from minimal to maximal flow.	90°
	Jet adjustment* Rotation from straight jet to wide spray jet with a minimal spray angle of 100°	180°

PERFORMANCES	Effective throw (feet)	150 GPM	131 feet
	Spray jet* (feet)	150 GPM	52.5 feet
	Wide spray jet*: angle		120°
	Narrow spray jet*: angle		30°

PHYSICS	Sensitivity to frost (°F)	-25°F
	Sensitivity to heat (°F)	+135°F
	Non-obstruction test (Inches)	>3/16"
	Burst pressure (PSI)	>870

 <p><b>WARNING</b></p>	<p><b>BLUE DEVIL</b> <b>3012/7515/3015/6015</b></p>
<p><b>BEFORE YOU USE THIS PRODUCT READ THESE RECOMMENDATIONS CAREFULLY.</b></p> <p>THE USER OF THIS EQUIPMENT IS PERSONALLY RESPONSIBLE FOR THE FOLLOWING:</p> <p>Please be aware of Fire fighting and Emergency response is dangerous and proper training is needed.</p> <p>It is required to be physically fit and skillful in the use of any equipment that you may need to use.</p> <p>You need to check regularly your equipment before use.</p> <p>You need to know carelessness or negligence may result in injury or death.</p> <p><b>PLEASE BE RESPONSIBLE</b></p>	<p><b>OPERATING INSTRUCTIONS</b></p> <ul style="list-style-type: none"> <li>- Open and close the valve slowly to reduce risk of water hammer.</li> <li>- Pull the handle toward the swivel to OPEN the valve.</li> <li>- Push the handle toward the tip of nozzle to CLOSE the valve.</li> <li>- The Gallonage selector ring indicates the flow in litres per minute at 6 bar (lpm) or gallons per minute at 7 bar (gpm).</li> <li>- Flush setting is made to discharge obstructions from the nozzle while flowing water.</li> <li>- Rotate the bumper to change from straight stream, narrow fog to wide fog.</li> </ul> <p><b>MAINTENANCE</b></p> <ul style="list-style-type: none"> <li>- Test nozzle regularly or before using it.</li> <li>- Clean nozzle by flushing with clean water after use.</li> <li>- Use non-detergent soap to clean dirt from the exterior to reduce wear.</li> <li>- Periodically service your nozzle or ask your fire equipment dealer to service it.</li> <li>- Use a multi-purpose spray lubricant over the ball valve at least once a year in CLOSE position.</li> </ul>
<p><b>SPECIFIC INSTRUCTIONS</b></p> <p>When working with nozzles near electric installations please be aware about the following important measures</p> <ol style="list-style-type: none"> <li>1. Try to disconnect the electric mains as soon as possible</li> <li>2. Minimum security distance is at least 1 meter for 1000 V</li> <li>3. Please consider the low visibility when doing estimations of security distance</li> <li>4.- Never use Full Jet in electric fires, operate in narrow or wide fog</li> </ol> <p><b>FLASH OVER AND PROTECTION</b></p> <ol style="list-style-type: none"> <li>1. Flash Over: Select the narrow fog position indicated with the raised lug. Select the right flow depending on the circumstances.</li> <li>2. Protection: Maximum flow at wide fog pattern. Maximum flow it is indicated with a raised lug.</li> </ol>	
	