

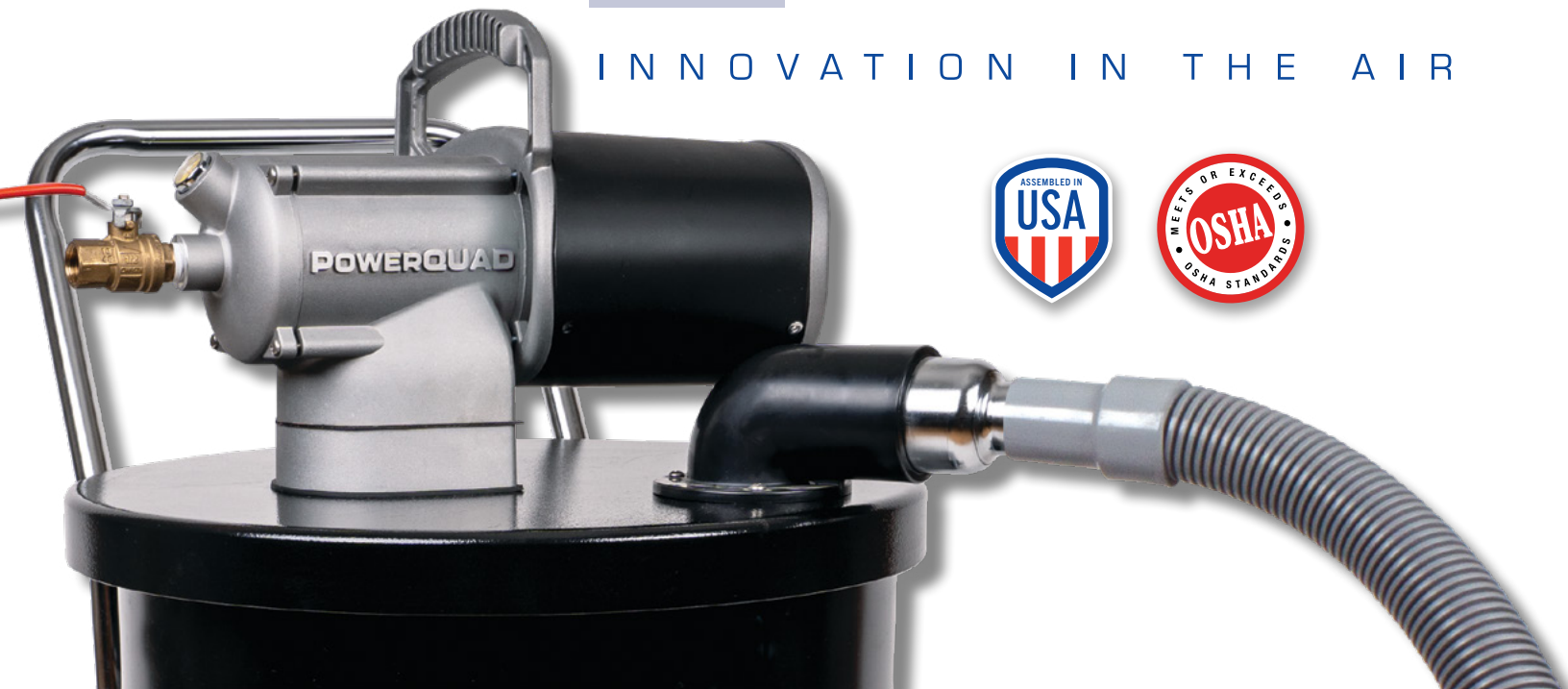
GUARDAIR®

SAURYA

Value Driven Safety

Safety Air Guns

INNOVATION IN THE AIR



MEETING OSHA STANDARDS



At Guardair Corporation, our number one concern is worker safety. Given this focus, all Guardair safety air guns meet or exceed applicable OSHA Standards.

OSHA regulations can often be confusing. However one thing is certain. Compressed air can be extremely dangerous if misused, and horseplay in the workplace can lead to serious injury. This is why compliance with OSHA Standards pertaining to Output Pressure, Chip Guarding and Noise is critical when cleaning with compressed air.



OSHA COMPLIANCE KIT

Understand OSHA Standards when cleaning with compressed air, test air guns for OSHA compliance, and raise plant safety awareness with the Guardair **OSHA COMPLIANCE KIT**.

Complete kit includes:

- OSHA Standards
- Air Pressure Test Gauge
- Air Gun Safety in the Workplace Video
- Air Gun Safety Poster

Available **FREE** to Guardair Distributors and qualified End-Users.



Order Your
FREE Kit

OUTPUT PRESSURE

Factory air lines normally operate at pressures between 80 and 120 psi (pounds per square inch). Most pneumatic tools, including air guns, require such high pressures to operate effectively. However, OSHA requires that should the nozzle tip of an air gun become dead-ended (blocked), the static pressure at the point of blockage be no more than 30 psi.

All Guardair safety air guns meet this requirement.

OSHA STANDARD

29CFR Part 1910.242 (b)

Hand and portable powered tools and equipment, general.

OSHA INSTRUCTION

STD 01-13-001

OSHA PROGRAM DIRECTIVE #100-1

CHIP GUARDING

Blowing off debris with an air gun in close quarters often subjects workers to "chip fly-back". This term refers to the tendency of loose particles or chips to fly back into the operator's face, eyes or skin. For operations which require close-in work, OSHA requires that "effective chip guarding" be incorporated into the workplace.

Guardair offers safety air guns designed for close-in work incorporating a protective air cone for effective chip guarding.

OSHA STANDARD

29CFR Part 1910.242 (b)

Hand and portable powered tools and equipment, general.

OSHA INSTRUCTION

STD 01-13-001

OSHA PROGRAM DIRECTIVE #100-1

NOISE

Excessive noise generated in the workplace can be harmful. To address this problem, OSHA has developed permissible daily noise exposure specifications. The use of low noise, safety air guns can sometimes be an important component in moving towards noise compliance.

Guardair offers safety air guns which incorporate proprietary noise-limiting features.

OSHA STANDARD

29CFR Part 1910.95 (a)

Occupational noise exposure.

APPLICABLE OSHA STANDARDS

OUTPUT PRESSURE/CHIP GUARDING

OSHA STANDARD

29CFR Part 1910.242 (b)

Hand and portable powered tools and equipment, general.

Compressed air used for cleaning. Compressed air shall not be used for cleaning purposes except where reduced to less than 30 psi and then only with effective chip guarding and personal protective equipment.

OSHA INSTRUCTION

STD 01-13-001

October 30, 1978

Office of Program Operations

February 14, 1972

OSHA PROGRAM DIRECTIVE #100-1

To: National and Field Offices

Subject: Reduction of Air Pressure Below 30 psi for Cleaning Purposes

Attachment: Acceptable Methods for Complying with 41 CFR 50-204.8 and 29 CFR 1910.242(b)

1. Purpose. To provide guidance and examples of what alternate systems will meet the requirements of this section, and to clarify its intent.

2. Background. A number of inquiries have been received requesting a clarification of the meaning of 1910.242(b) also known as 41 CFR 50-204.8 under the Walsh-Healey Act.

3. Interpretation. The phrase "reduce to less than 30 psi" means that the downstream pressure of the air at the nozzle (nozzle pressure) or opening of a gun, pipe, cleaning lance, etc., used for cleaning purposes will remain at a pressure level below 30 psi for all static conditions. The requirements for dynamic flow are such that in the case when dead ending occurs a static pressure at the main orifice shall not exceed 30 psi. This requirement is necessary in order to prevent a back pressure buildup in case the nozzle is obstructed or dead ended. See enclosure (1) for two acceptable methods of meeting this requirement. Also, there is no intent to restrict the diameter of the nozzle orifice or the volume (CFM) flowing from it.

"Effective chip guarding" means any method or equipment which will prevent a chip or particle (of whatever size) from being blown into the eyes or unbroken skin of the operator or other workers. Effective chip guarding may be separate from the air nozzle as in the case where screens or barriers are used. The use of protective cone air nozzles are acceptable in general for protection of the operator but barriers, baffles or screens may be required to protect other workers if they are exposed to flying chips or particles.

4. Action. Inquiries about subject section should be handled in accordance with this instruction.

5. Effective Date. This instruction is effective immediately, and will remain in effect until canceled or superseded.

Director, of Program Operations

NOISE

OSHA STANDARD

29CFR Part 1910.95 (a)

Occupational noise exposure.

Protection against the effects of noise exposure shall be provided when the sound levels exceed those shown in Table G-16 when measured on the A scale of a standard sound level meter at slow response.

Table G-16 Permissible Noise Exposures

Duration per day, hours	8.0	6.0	4.0	3.0	2.0	1.5	1.0	0.5	0.25
Sound level dBA slow response	90	92	95	97	100	102	105	110	115

Classic+ Safety Air Guns

Original “classic” design with OSHA-compliant features.



SAURYA

Value Driven Safety



Original Safety Air Gun

First safety air gun to incorporate protective air cone technology to shield user from dangerous "chip fly-back." Powerful Venturi nozzle draws in ambient air to increase thrust. Nozzle is permanently pinned to body to prevent tampering. Features ergonomic, Classic+ pistol grip-style handle for maximum user comfort.

Features

- Durable cast aluminum body with hanging hook
- Wide comfort trigger
- Precision air volume control
- Safety air shield
- Zinc alloy Venturi nozzle
- 1/4" FNPT inlet
- Meets OSHA standards

Part No.	Model/Description	Air Inlet FNPT (in)	Min. Compressor Required (hp)	Flow (cfm)	Output Thrust (lbs)	Noise Level (dBA)	Dimensions (L" x W" x H")	Weight (lbs)
57S30XB	Original Safety Air Gun	1/4	8	36	1	104	6 x 1 x 6.6	0.8



JetGuard Safety Air Gun

Featuring a proprietary, protective air cone to shield against dangerous "chip fly-back." Perfect for close-in applications. Ergonomic, Classic+ pistol grip-style handle provides maximum user comfort.

Features

- Durable cast aluminum body with hanging hook
- Wide comfort trigger
- Safety air shield
- Pinned tamper-proof nozzle
- 1/4" FNPT inlet
- Meets OSHA standards

Part No.	Model/Description	Air Inlet FNPT (in)	Min. Compressor Required (hp)	Flow (cfm)	Output Thrust (lbs)	Noise Level (dBA)	Dimensions (L" x W" x H")	Weight (lbs)
74S	JetGuard Safety Air Gun	1/4	7.8	35	0.4	102	5 x 1 x 6.6	0.7



JetGuard with Volume Control Safety Air Gun

Featuring a proprietary, protective air cone to shield against dangerous "chip fly-back." Perfect for close-in applications. Ergonomic, Classic+ pistol grip-style handle provides maximum user comfort. Adjust the air flow from a whisper to a blast.

Features

- Durable cast aluminum body with hanging hook
- Wide comfort trigger
- Precision air volume control
- Safety air shield
- Pinned tamper-proof nozzle
- 1/4" FNPT inlet
- Meets OSHA standards

Part No.	Model/Description	Air Inlet FNPT (in)	Min. Compressor Required (hp)	Flow (cfm)	Output Thrust (lbs)	Noise Level (dBA)	Dimensions (L" x W" x H")	Weight (lbs)
74SK	JetGuard with Volume Control	1/4	7.8	35	0.4	102	5.5 x 1 x 6.6	0.7



Rubber Tip Safety Air Gun

Features a proprietary, protective air cone to shield against dangerous "chip fly-back" and a non-marring rubber tip. Perfect for close-in applications near painted or delicate surfaces. Additionally, the rubber tip's conical shape allows an air-tight connection when blowing out fluid lines and holes. Ergonomic, Classic+ pistol grip-style handle provides maximum user comfort.

Features

- Durable cast aluminum body with hanging hook
- Wide comfort trigger
- Safety air shield
- Rubber tip nozzle
- 1/4" FNPT inlet
- Meets OSHA standards

Part No.	Model/Description	Air Inlet FNPT (in)	Min Compressor Required (hp)	Flow (cfm)	Output Thrust (lbs)	Noise Level (dBA)	Dimensions (L" x W" x H")	Weight (lbs)
74RT	Rubber Tip Safety Air Gun	1/4	11.1	50	0.5	113	6.5 x 1 x 5.6	0.7



XtraThrust® Safety Air Gun

Features the XtraThrust Venturi nozzle, and delivers over 300% more thrust than conventional air guns. Designed for tough, close-in work. Features ergonomic, Classic+ pistol grip-style handle for maximum user comfort. Most powerful Guardair bench-top gun.

Features

- Durable cast aluminum body with hanging hook
- Full length comfort trigger
- Zinc alloy XtraThrust Venturi nozzle
- 1/4" FNPT inlet
- Meets OSHA standards

Part No.	Model/Description	Air Inlet FNPT (in)	Min. Compressor Required (hp)	Flow (cfm)	Output Thrust (lbs)	Noise Level (dBA)	Dimensions (L" x W" x H")	Weight (lbs)
75XXT	XtraThrust Safety Air Gun	1/4	12	54	2.5	108	5.5 x 1 x 6.6	0.8



AirMiser Safety Air Gun

Ideal safety air gun for cost conscious compressed air users. Delivers powerful thrust, sufficient for most applications, while at the same time minimizing air consumption. Ergonomic, Classic+ pistol grip-style handle provides maximum user comfort.

Features

- Durable cast aluminum body with hanging hook
- Wide comfort trigger
- Low flow brass nozzle
- 1/4" FNPT inlet
- Meets OSHA standards

Part No.	Model/Description	Air Inlet FNPT (in)	Min. Compressor Required (hp)	Flow (cfm)	Output Thrust (lbs)	Noise Level (dBA)	Dimensions (L" x W" x H")	Weight (lbs)
74H	AirMiser Safety Air Gun	1/4	2.2	10	0.6	98	5.6 x 1 x 6.6	0.7



WhisperJet® Safety Air Gun

First safety air gun to incorporate exclusive WhisperJet nozzle technology to reduce air gun noise. Solid conical tip prevents blockage of nozzle. Ideal for cleaning bench tops, work stations, or machinery in noise sensitive areas. Features ergonomic, Classic+ pistol grip-style handle for maximum user comfort.

Features

- Durable cast aluminum body with hanging hook
- Wide comfort trigger
- Powerful aluminum WhisperJet silencer nozzle
- 1/4" FNPT inlet
- Meets OSHA standards

Part No.	Model/Description	Air Inlet FNPT (in)	Min. Compressor Required (hp)	Flow (cfm)	Output Thrust (lbs)	Noise Level (dBA)	Dimensions (L" x W" x H")	Weight (lbs)
80WJ	WhisperJet Safety Air Gun	1/4	4.4	19	1.1	89	4.9 x 1 x 6.6	0.6



WhisperJet® with Volume Control Safety Air Gun

First safety air gun to incorporate exclusive WhisperJet nozzle technology to reduce air gun noise. Solid conical tip prevents blockage of nozzle. Ideal for cleaning bench tops, work stations, or machinery in noise sensitive areas. Features ergonomic, Classic+ pistol grip-style handle for maximum user comfort.

Features

- Durable cast aluminum body with hanging hook
- Wide comfort trigger
- Precision air volume control
- Powerful aluminum WhisperJet silencer nozzle
- 1/4" FNPT inlet
- Meets OSHA standards

Part No.	Model/Description	Air Inlet FNPT (in)	Min. Compressor Required (hp)	Flow (cfm)	Output Thrust (lbs)	Noise Level (dBA)	Dimensions (L" x W" x H")	Weight (lbs)
80	WhisperJet with Volume Control	1/4	4.4	19	1.1	89	5.4 x 1 x 6.6	0.7



Booster Safety Air Gun Series

Delivers all the features of the 74S but with 25% more thrust. Ideal for stubborn and difficult applications where only the most powerful air gun will do. Proprietary, protective air cone shields against dangerous "chip fly-back." Ergonomic, Classic+ pistol grip-style handle provides maximum user comfort.

Features

- Durable cast aluminum body with hanging hook
- Wide comfort trigger
- Pinned, tamper proof, air-shield nozzle
- Screw-on brass extension
- 1/4" FNPT Inlet
- Meets OSHA standards

Part No.	Model/Description	Air Inlet FNPT (in)	Min. Compressor Required (hp)	Flow (cfm)	Output Thrust (lbs)	Noise Level (dBA)	Dimensions (L" x W" x H")	Weight (lbs)
76S006	With 6" Extension	1/4	7.8	35	0.5	104	10.6 x 1 x 6.6	0.7
76S012	With 12" Extension	1/4	7.8	35	0.5	104	16.6 x 1 x 6.6	0.8
76S018	With 18" Extension	1/4	7.8	35	0.5	104	22.6 x 1 x 6.6	0.8
76S024	With 24" Extension	1/4	7.8	35	0.5	104	28.6 x 1 x 6.6	0.9



Long John® Safety Air Gun Series

Perfect tool for cleaning inaccessible and hard-to-reach areas. Ideal for blowing floor debris, cleaning masonry forms, tanks, ovens, molds, and rafters, as well as machinery and storage areas. Efficient Venturi nozzle boosts thrust up to 200% over conventional air guns, yet limits static pressure to less than 30 psi should the tip become blocked. Ergonomic, Classic+ pistol grip-style handle provides maximum user comfort.

Features

- Durable cast aluminum body with hanging hook
- Wide comfort trigger
- Rugged aluminum extension
- Powerful zinc alloy Venturi nozzle
- 1/4" FNPT inlet
- Meets OSHA standards
- 12", 24", and 36" available in 10 packs. See website.

Part No.	Model/Description	Air Inlet FNPT (in)	Min. Compressor Required (hp)	Flow (cfm)	Output Thrust (lbs)	Noise Level (dBA)	Dimensions (L" x W" x H")	Weight (lbs)
75LJ006AA	With 6" Extension	1/4	7.6	34	2	107	9.4 x 1 x 6.6	0.7
75LJ012AA	With 12" Extension	1/4	7.6	34	2	107	15.4 x 1 x 6.6	0.8
75LJ018AA	With 18" Extension	1/4	7.6	34	2	107	21.4 x 1 x 6.6	0.9
75LJ024AA	With 24" Extension	1/4	7.6	34	2	107	27.4 x 1 x 6.6	1.0
75LJ036AA	With 36" Extension	1/4	7.6	34	2	107	39.4 x 1 x 6.6	1.2
75LJ048AA	With 48" Extension	1/4	7.6	34	2	107	51.4 x 1 x 6.6	1.4
75LJ060AA	With 60" Extension	1/4	7.6	34	2	107	63.4 x 1 x 6.6	1.6
75LJ072AA	With 72" Extension	1/4	7.6	34	2	107	75.4 x 1 x 6.6	1.8



XtraThrust® Safety Air Gun Series

XtraThrust Series provides all the benefits of the Long John Series but with 40% more power. Ideal for the toughest applications and to move the heaviest debris, the XtraThrust nozzle generates over 300% more thrust compared to conventional air guns, yet limits static pressure to less than 30 psi should the tip become blocked. Ergonomic, Classic+ pistol grip-style handle provides maximum user comfort.

Features

- Durable cast aluminum body with hanging hook
- Full length comfort trigger
- Rugged aluminum extension
- Powerful zinc alloy XtraThrust nozzle
- 1/4" FNPT inlet
- Meets OSHA standards
- 12", 24", and 36" available in 10 packs. See website.

Part No.	Model/Description	Air Inlet FNPT (in)	Min. Compressor Required (hp)	Flow (cfm)	Output Thrust (lbs)	Noise Level (dBA)	Dimensions (L" x W" x H")	Weight (lbs)
75XT006AA	With 6" Extension	1/4	12	54	2.8	108	9.4 x 1 x 6.6	0.7
75XT012AA	With 12" Extension	1/4	12	54	2.8	108	15.4 x 1 x 6.6	0.8
75XT018AA	With 18" Extension	1/4	12	54	2.8	108	21.4 x 1 x 6.6	0.9
75XT024AA	With 24" Extension	1/4	12	54	2.8	108	27.4 x 1 x 6.6	1.0
75XT036AA	With 36" Extension	1/4	12	54	2.8	108	39.4 x 1 x 6.6	1.2
75XT048AA	With 48" Extension	1/4	12	54	2.8	108	51.4 x 1 x 6.6	1.4
75XT060AA	With 60" Extension	1/4	12	54	2.8	108	63.4 x 1 x 6.6	1.6
75XT072AA	With 72" Extension	1/4	12	54	2.8	108	75.4 x 1 x 6.6	1.8



WhisperJet® Safety Air Gun Series

Perfect tool for cleaning inaccessible and hard-to-reach areas. Ideal for cleaning and blowing debris in noise sensitive environments. WhisperJet nozzles reduce noise 6 to 20 dB compared to conventional air guns.

Features

- Durable cast aluminum body with hanging hook
- Wide comfort trigger
- Rugged aluminum extension
- Aluminum WhisperJet nozzle
- 1/4" FNPT inlet
- Meets OSHA standards
- 12", 24", and 36" available in 10 packs. See website.

Part No.	Model/Description	Air Inlet FNPT (in)	Min. Compressor Required (hp)	Flow (cfm)	Output Thrust (lbs)	Noise Level (dBA)	Dimensions (L" x W" x H")	Weight (lbs)
80LJ006AA	With 6" Extension	1/4	6.4	18	1.1	88	9.5 x 1 x 6.6	0.7
80LJ012AA	With 12" Extension	1/4	6.4	18	1.1	88	15.5 x 1 x 6.6	0.8
80LJ018AA	With 18" Extension	1/4	6.4	18	1.1	88	21.5 x 1 x 6.6	0.9
80LJ024AA	With 24" Extension	1/4	6.4	18	1.1	88	27.5 x 1 x 6.6	1.0
80LJ036AA	With 36" Extension	1/4	6.4	18	1.1	88	39.5 x 1 x 6.6	1.2
80LJ048AA	With 48" Extension	1/4	6.4	18	1.1	88	51.5 x 1 x 6.6	1.4
80LJ060AA	With 60" Extension	1/4	6.4	18	1.1	88	63.5 x 1 x 6.6	1.6
80LJ072AA	With 72" Extension	1/4	6.4	18	1.1	88	75.5 x 1 x 6.6	1.8



Flex Safety Air Gun Series

Flexible extension can be bent to any position to clean hard to reach places. No spring back or wander. Features quiet WhisperJet® nozzle, flexible extension, and Classic+ series grip.

Features

- Durable cast aluminum body with hanging hook
- Wide comfort trigger
- Aluminum WhisperJet nozzle
- Flexible synthetic rubber (160°F rated Modified Nitrile Type C2)
- 1/4" FNPT inlet
- Meets OSHA standards

Part No.	Model/Description	Air Inlet FNPT (in)	Min. Compressor Required (hp)	Flow (cfm)	Output Thrust (lbs)	Noise Level (dBA)	Dimensions (L" x W" x H")	Weight (lbs)
80FLEX12	With 12" Flex Extension	1/4	5.1	16	1	85	17.5 x 1 x 6.6	0.9
80FLEX18	With 18" Flex Extension	1/4	5.1	16	1	85	23.5 x 1 x 6.6	1.0
80FLEX24	With 24" Flex Extension	1/4	5.1	16	1	85	29.5 x 1 x 6.6	1.3
80FLEX36	With 36" Flex Extension	1/4	5.1	16	1	85	41.5 x 1 x 6.6	1.5



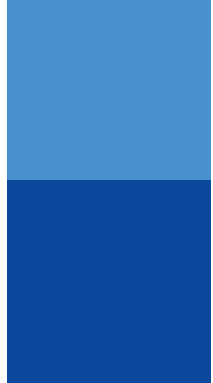
Nylon Safety Air Gun Series

Perfect for blowing out electrical cabinets and electronic equipment. Insulated nylon extension and nylon nozzle protects users from electrical shock hazards and protects equipment from damage due to accidental short circuits. Venturi nozzle boosts thrust up to 200% over conventional air guns, yet limits static pressure to less than 30 psi should the tip become blocked. Ergonomic Classic+ pistol grip-style handle with insulated plastic grip provides maximum comfort.

Features

- Durable cast aluminum body with hanging hook
- Wide comfort trigger
- Rugged nylon extension
- Powerful nylon nozzle
- 1/4" FNPT inlet
- Meets OSHA standards

Part No.	Model/Description	Air Inlet FNPT (in)	Min. Compressor Required (hp)	Flow (cfm)	Output Thrust (lbs)	Noise Level (dBA)	Dimensions (L" x W" x H")	Weight (lbs)
75LJ012NN	With 12" Extension	1/4	7.6	34	2	107	15.4 x 1 x 6.8	0.7
75LJ024NN	With 24" Extension	1/4	7.6	34	2	107	27.4 x 1 x 6.8	0.8
75LJ036NN	With 36" Extension	1/4	7.6	34	2	107	39.4 x 1 x 6.8	0.9



Value Driven Safety

Distributed by: SAURYA HSE PVT LTD

HO: C-112A, Kailash Business Park, Veer Sawarkar Marg, Vikhroli (West), Mumbai – 400079.

T: +91 22 4065 5555 | E: info@sauryahse.com | W: www.sauryahse.com