

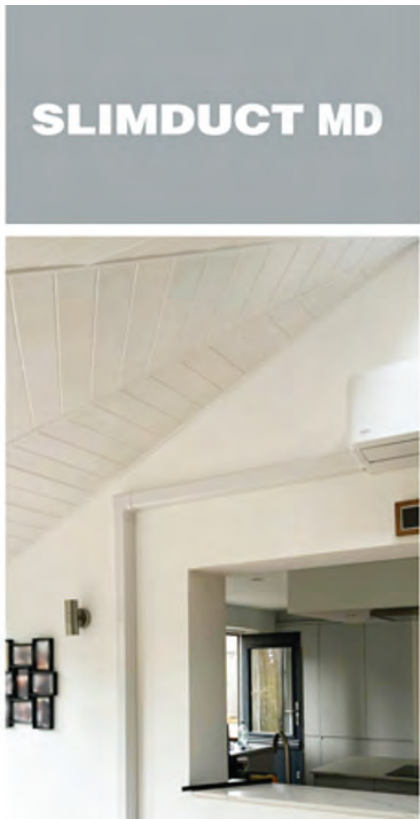
**SLIMDUCT SD**



Installation Materials for **Air-Conditioners**

**INABA DENKO**

**SLIMDUCT MD**



# INABA DENKO

A Japanese manufacturer dedicated to HVAC professionals, delivering reliable installation solutions worldwide.

## Function & Beauty

A design philosophy that unites functionality and aesthetics. INABA DENKO is committed to creating products that are functional, beautiful, and valuable to society.

# 88

### Years of Engineering

Born in Japan. Built for the World.

### History of Inaba Denki Sangyo

Our foundation

## 1938

Originally found as Inaba Denki Seisakusho in Osaka

## 1978

Established as INABA DENKO (HVAC division)

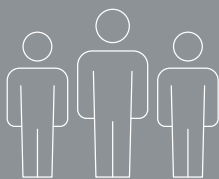
## 1988

Our global expansion begins

## Presents

Our global expansion continues to grow

### Employees



# 1,691

(Inaba Denki Sangyo)

# 200

(INABA DENKO)

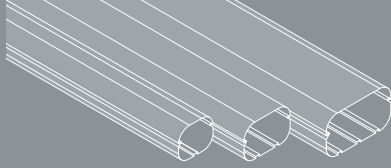
### Product Range

# +3,000 SKU



## Key Product Scale

### SLIMDUCT SD



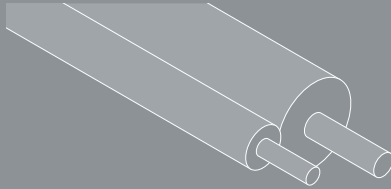
159,874,334  
pieces sold

over 70%  
market share in Japan

*Based on our internal research (2022).*



### Pair Coil



21,017,233  
coils sold



## Global Network

3 Factories  
(Japan / Thailand / Vietnam)

3 Global Offices  
(Japan / U.S. / Germany)

12 Distribution Centres  
(Japan / U.S. / Thailand / Vietnam)



## Uncompromising Quality

From development to dispatch, we maintain a seamless quality management system – with rigorous chemical safety management and in-house testing to ensure installability, safety, and environmental performance.



## Sustainability

We believe a healthy environment is the foundation of everyday life. Through our HVAC products, we drive energy efficiency and resource circularity – shaping a sustainable future with care for climate and biodiversity.



Trunking System (For Residential Use)

# SLIMDUCT SD



Trunking System (For Residential Use)

REACH  
Comply

# SLIMDUCT SD



Our premium trunking system SLIMDUCT, not only conceals and protects piping but also enhances the aesthetic appeal of any space. With its sleek and stylish design, it seamlessly integrates into modern homes while providing long-lasting protection for your piping.

Beauty

## Beautiful Finish

### Professional

The perfect system SLIMDUCT SD with various fittings will conceal, beautify and protect exposed piping and is suitable for any Split Air Conditioners.



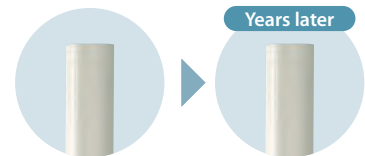
Before

After

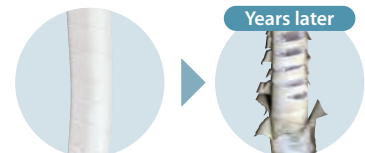
### Protective

SLIMDUCT SD is constructed from a special high grade PVC for superior UV and weather resistance, protecting piping from the elements, vandalism and pest damage.

#### SLIMDUCT SD



#### Taping Installation



Colour

## Wide Range of Variation

### 5 colours to suit any colour scheme

Paintable to match or compliment custom colours. Follow paint manufacturer's recommendations for vinyl products



White  
RAL9003

Ivory  
RAL7044

Anthracite Grey  
RAL7016

Brown  
RAL6014

Black  
RAL9011

Size

## 3 Sizes available



SD-140 (140mm)

SD-100 (100mm)

SD-77 (75mm)

Fittings

## For an Easy Installation



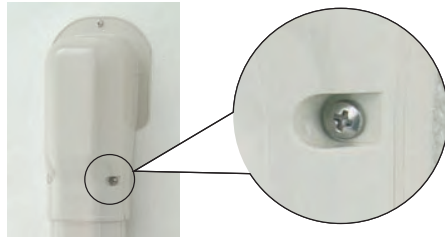
The SLIMDUCT SD series is a versatile trunking system for air-conditioning and heat pump installations. With a wide range of fittings enables an easy installation.

Function

## Excellent Performance

### Advantage of having screw

When used outdoors, INABA DENKO's fittings are securely fastened with screws, minimizing the risk of the fitting detaching from the wall.



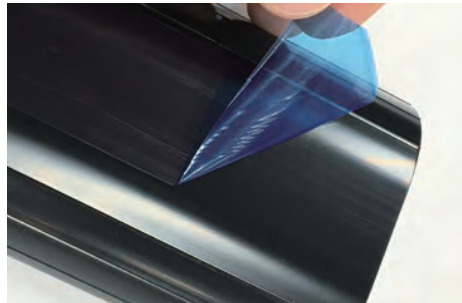
### Workability

Punch out holes are located every 100mm, which enables convenient installation when mounting.



### Protective Film

SLIMDUCT BLACK, Brown, and Anthracite grey come with a protective film to eliminate the possibility of visible scratches until the last moment the job is completed.

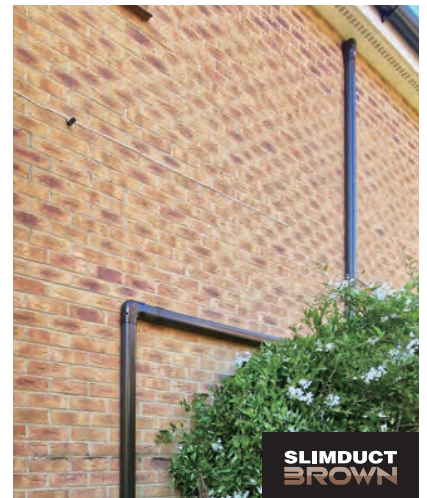


### Perforated Design

SLIMDUCT SD's straight duct has small oval perforations to prevent cover slippage, enhancing stability for long-run.



## SLIMDUCT Installation Gallery



## INABA's Unique fittings

### SIF 50mm fixed offset

Our 50mm fixed offset is designed for installations that need to go over obstacles.



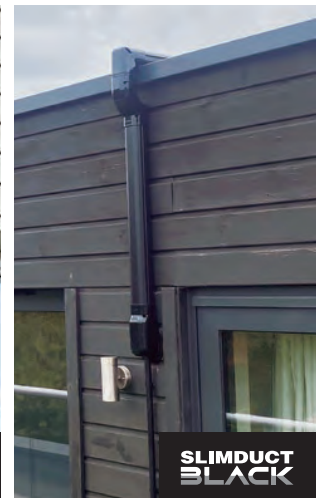
### SN 90° twist elbow

Our 90° twist elbow provides an easy solution for transitioning from a vertical to a horizontal installation.



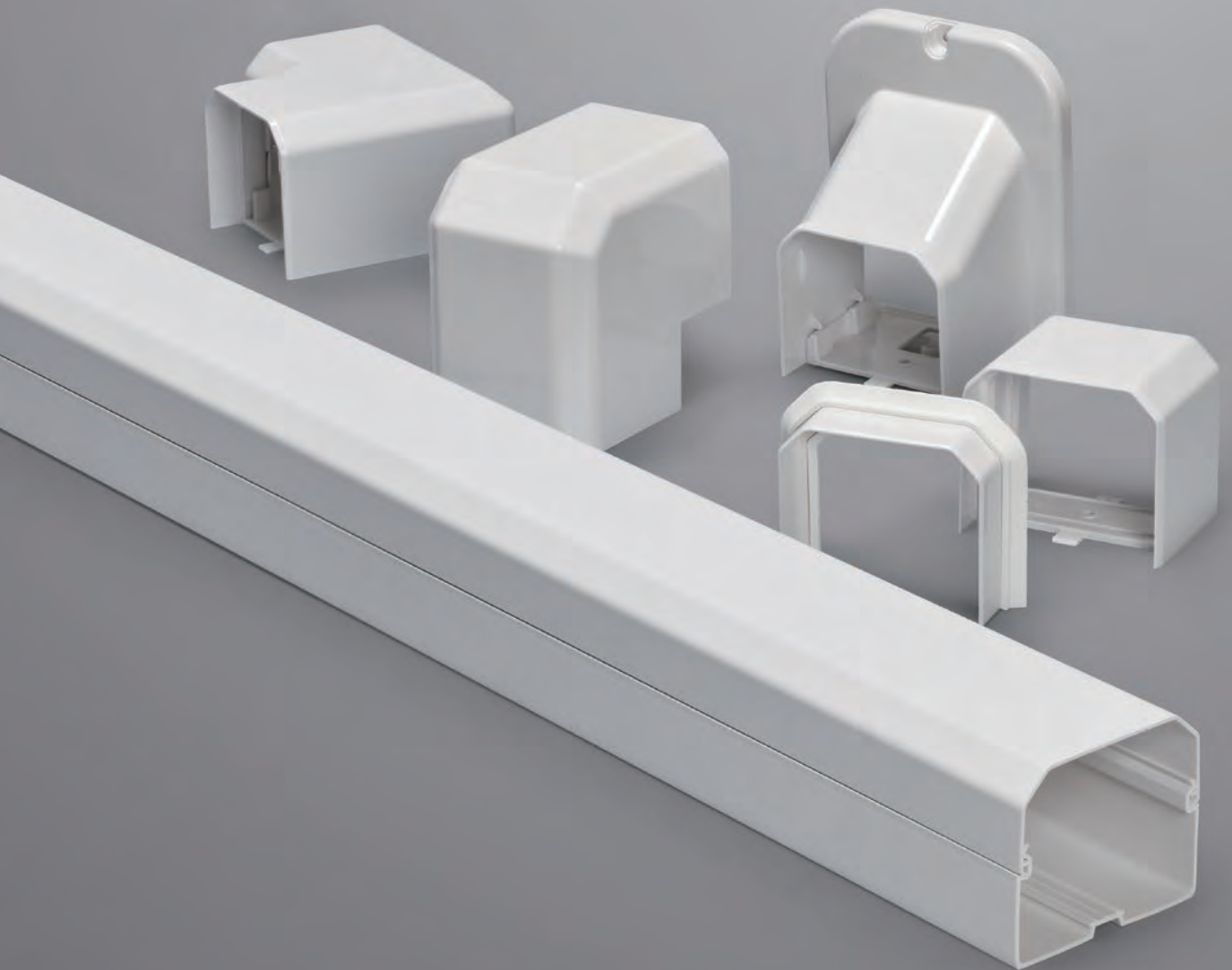
### SCS Free (45° to 90°) Vertical Elbow

Our Free vertical elbow allows for flexible installations with angle adjustments from 45 to 90 degrees, and it can stop at any angle in between for precise pipework.



Trunking System (For Residential Use)

# SLIMDUCT MD



Trunking System (For Residential Use)

REACH  
Comply

# SLIMDUCT MD



SLIMDUCT MD is an indoor trunking system designed to blend seamlessly into interior spaces. It complements walls, ceilings, and furniture, creating a clean, discreet finish.

Beauty

## Sleek rectangular profile

Designed to match the clean lines of indoor units for a seamless, integrated look.



# Attention to Detail

Small details that make a big difference to the final finish. Thoughtful fittings help achieve a perfectly seamless look.

## 1 No visible screws



SLIMDUCT SD

SLIMDUCT MD

Unlike SLIMDUCT SD, all fixings on SLIMDUCT MD are hidden.

## 2 Screw-cover cap



Without cap

With cap

Some fittings include screw-cover caps to conceal fixings for a clean, seamless look. (MP, MW)

## 3 Seamless connection



Without MS

With MS

MS fitting eliminates gaps between the indoor unit and trunking for a seamless finish.

Function

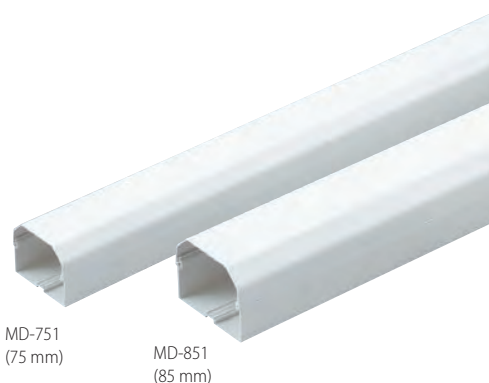
## Flame Retardant

SLIMDUCT MD is made from flame retardant materials\*.

\*Excludes some items.

Size

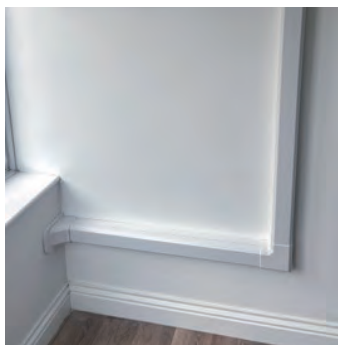
## 2 size options for different installations



MD-751  
(75 mm)

MD-851  
(85 mm)

## SLIMDUCT Installation Gallery



A clean, seamless installation using SLIMDUCT MD with MK, MP, and MS fittings.

Trunking System (For Residential Use)

# IHM

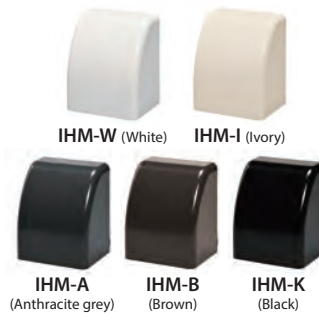


# IHM



## Enhance the Appearance

Enhance the appearance while hiding and protecting the final connection to the condenser by combining IHM with SF Flexible bend.

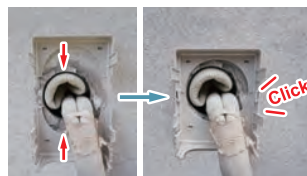


IHM + SF(Flexible bend)

IHM + HF(Adhesive tape)

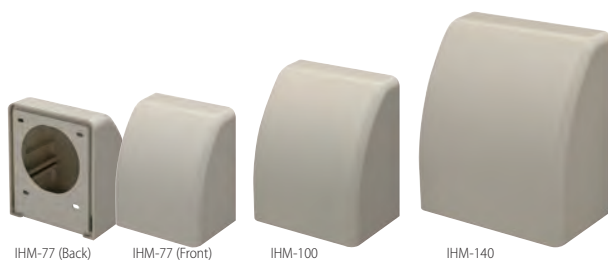
A key feature of IHM is its two-part base design, which allows for easy installation by simply clicking the two pieces together.

**Ideal for retrofit installations!**

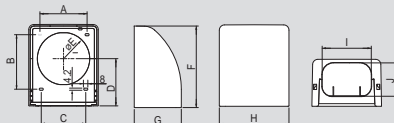


## IHM

## WALL-MOUNTED OUTLET



Dimensions

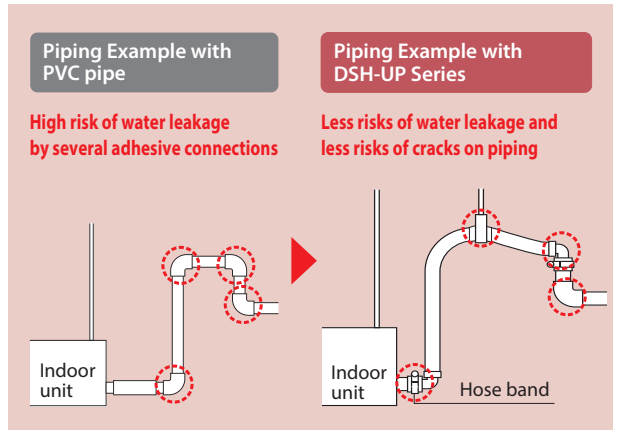
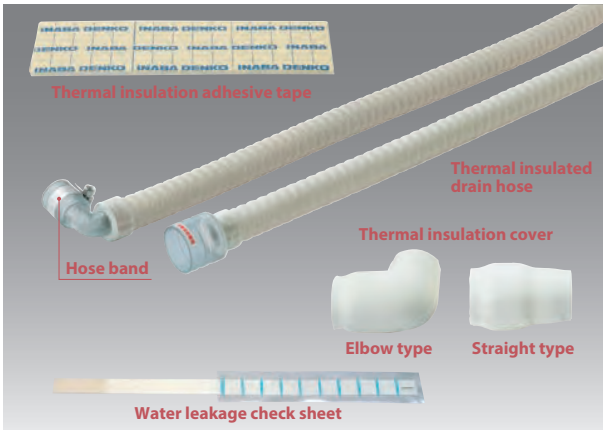


Unit: mm

Item No.	Colour Variation	A	B	C	D	E	F	G	H	I	J	Pcs/Pkg
IHM-77	□ □ □ □ □ □	76	81	65	77	-	130	80	112	68	54.5	10
IHM-100	□ □ □ □ □ □	90	104	85	90	100	156	90	133	94	64	10
IHM-140	□ □ □ □ □ □	140	121	135	107	140	196	104	182	130	75	5

# DSH-UP series

Thermal insulation drain hose with coupling joint for drain up piping of package air conditioner



## Construction image



Elbow and Straight Fitting



Elbow Fitting



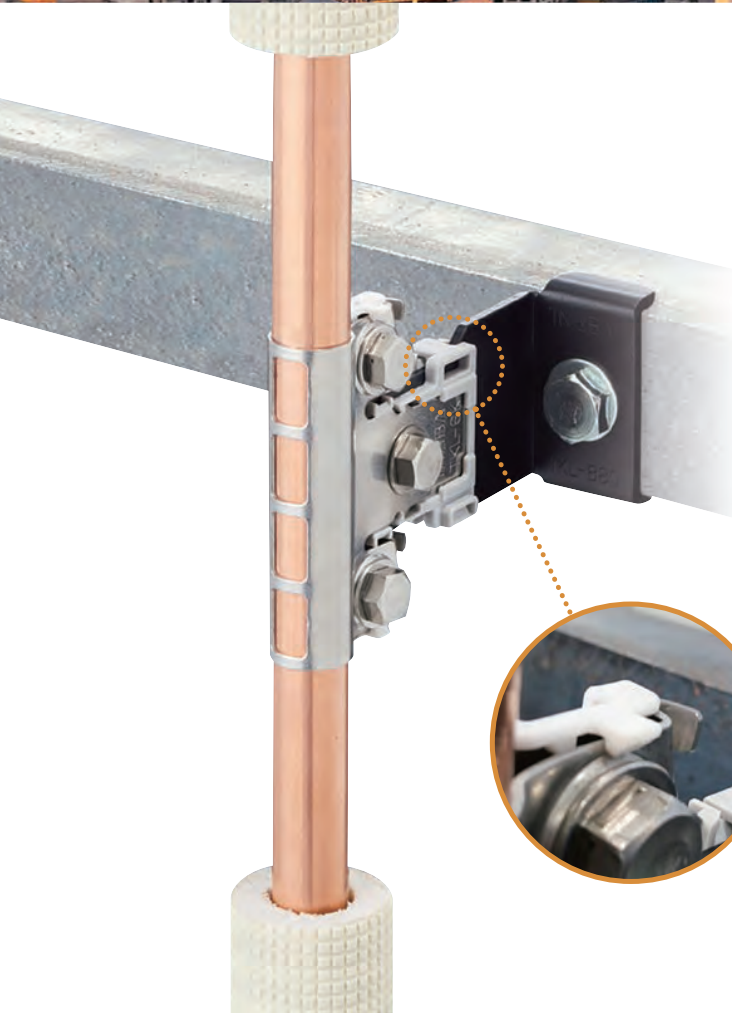
Transparent fittings assure a secure fit and water-flow check

Pipe Support/Holder & Tying Band

# PIPE SUPPORT (NON-BRAZE)



PRODUCT INFO



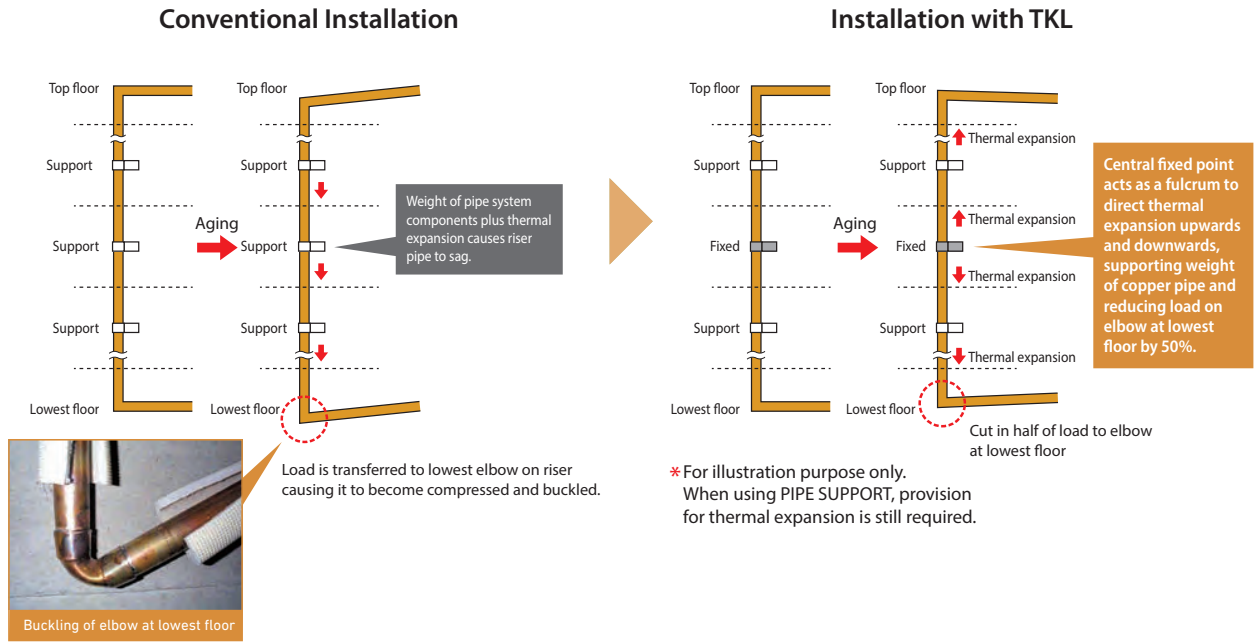
**TKL supports the weight of vertical pipe riser in VRF AC system and reduces the thermal expansion load on the lowest elbow by 50%.**

When pipes are installed in high rise buildings using traditional support methods, the pipe is unable to support its own weight fully as the piping expands and contracts with heat and cooling, it tends to slip downwards. When this happens, all the weight of the piping is concentrated into the elbow joint at the base of the run. This can cause the pipework to buckle and deform.



**The spacer tab allows for a visual inspection of the fixation**

**TKL significantly reduces the load on the elbow at the bottom of the run, preventing it from buckling.**



## Product Features

### Simple installation

Installing a TKL clamp is easy—just tighten the bolts. No special training or tools needed.



### TKL clamps can be retrofitted to older buildings

TKL clamps can be retrofitted to older/existing buildings.



### TKL clamp is “Non-braze”

TKL can be installed without the risk of damaging the installation area with a brazing torch and also in areas where open flames are not permitted.



### Prevent Condensation

Insulation sleeves is available for condensation prevention, ensuring long-term reliable use.



Pipe Support/Holder & Tying Band

# SUPERLOCK

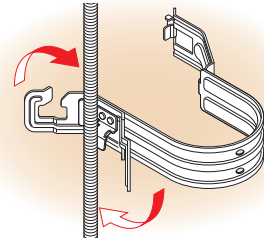


PRODUCT INFO

QUICK

Attachment by one-touch to W3/8" threaded rod

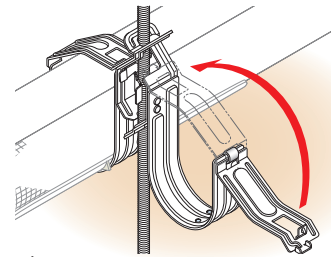
No need of additional tools or nuts for installation.



SPACE-SAVING

Available "back to back" installation

It enables installation in space-saving by "back to back".

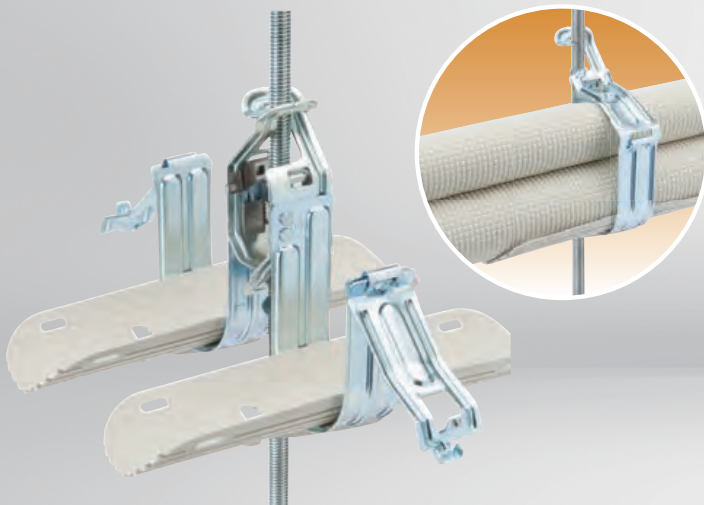


\*SRV only

## SR-HGZ PROTECTION PLATE

For insulation materials

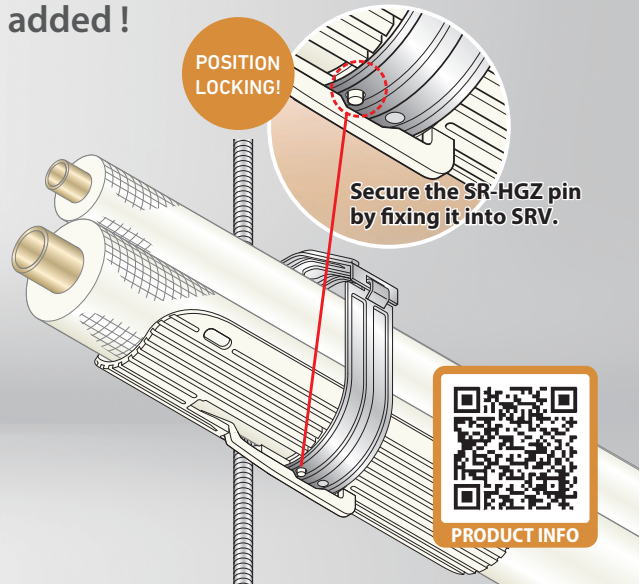
Applicable to all sizes of SUPERLOCK.



Position locking function is added !

POSITION LOCKING!

Secure the SR-HGZ pin by fixing it into SRV.



PRODUCT INFO

Insulated Copper Tube/Pipe

# Insulated Copper Tube/Pipe

Drain Hose

REACH  
Comply

## Drain Hose & Accessories -Outdoor-



Tape/Sleeve

REACH  
Comply

## UV RESISTANT TAPE



Condenser Riser & Bracket

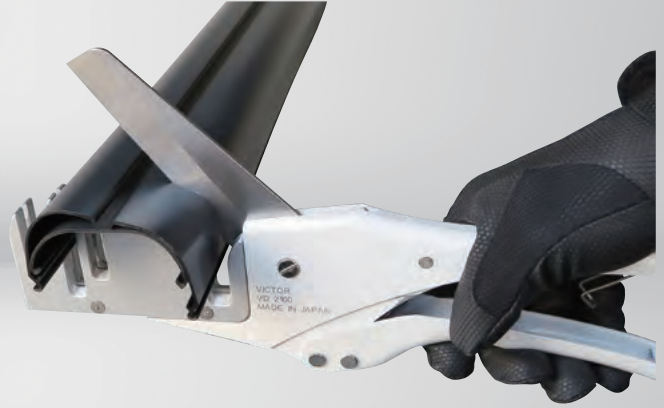
## PLAROCK



# HVAC&R Tools

VD

CUTTER for SLIMDUCT



TASCO HVAC&R Service Tool

## TASCO



### FLARING TOOL (Quick Handle Type)

Quick Handle makes flaring job much easier!

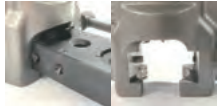


Quick handle



Forward Backward

Slide-Lock



Easy and accurate positioning of clamping bar

### FLARE AID (Bottle type / Tube type)

Protecting the flared surface and sealing tight!



### COMBINATION TORQUE WRENCH

1/4" and 3/8" torque wrench in one!



1/4"

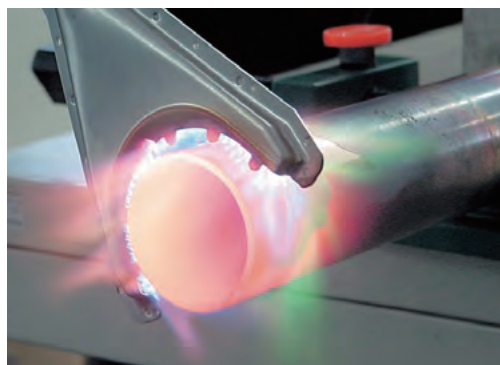
3/8"



Back

### PROPYLENE GAS TORCH (Ring Torch)

Reduced working time compared to conventional torch.



Max. Temperature

2200°C

Promax Gas Fire Kit

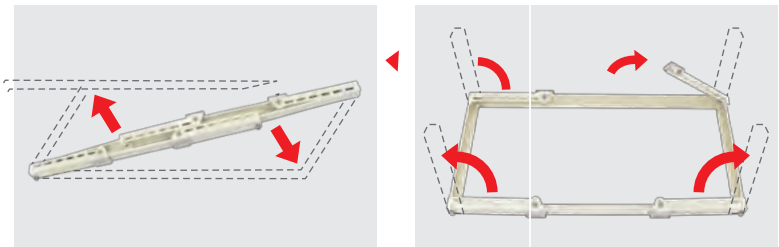
Universal Condenser Bracket

# CATCHER



Easy Assembly

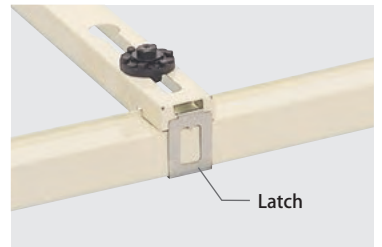
## Save assembly time with unique ideas.



\*Specifications are only for IC-NG and C-NG-L.

### Simple Steps

Just open the frame and it becomes a rectangle. The legs are already temporarily assembled, so you can just stand them up and tighten a bolt.



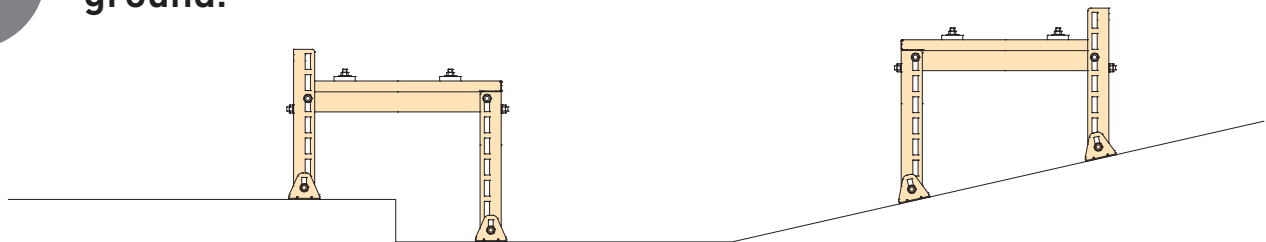
Latch

### No Bolts

Simply push the latch into the frame to fix the base.

Flexible Installation

## Stays level even on sloped or uneven ground.



# INABA DENKO



## INABA DENKI SANGYO CO., LTD.

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