



Kee Safety, Inc.  
100 Stradtman Street  
Buffalo, NY 14206  
Tel: (716) 896 4949  
Fax: (716) 896 5696  
Toll Free: (800) 851 5181  
www.keesafety.com  
Email: info@keesafety.com

SEPARATING PEOPLE FROM HAZARDS

## Technical Information Sheet

### Kee Dome

Kee Dome® is a collective, free-standing, fall protection system specifically designed for use around skylights.

Kee Dome is formed of continuous rails with no breaks or access points. Specific versions may be available if access points are required.

Kee Dome® utilizes standard Kee Klamp® components and proprietary recycled PVC baseplates at each corner of the square skylight to eliminate slippage.

**Kee Dome® OSHA:** Regulation 29 CFR 1910.23 (e) (1) ; (e) (3) (iv), OSHA Regulation 29 CFR 1926.502 (b) (1) - (b) (14), all applicable state, local and regional codes and with a design load of 200lbs. applied in any direction at any point on the top rail.

**Rails and Posts:** Pipe: ASTM A153 1-1/2 inch, galvanized

**Kee Klamp fittings:** Elbows, Crossovers, Wall flanges, Tees, Couplings, galvanized.

The maximum skylight size is 6'6" (2m) x 6'6" (2m) for the standard KDH Model. Larger sizes may be available.

Kee Dome® is suitable for use on any roof type, but must not be used on a pitched roof greater than 3°.

At full extension, the standard KDH system weighs approximately 165lbs. (75kg). Check the safe weight load for the roof before installing.



### ASSEMBLY INSTRUCTIONS FOR STANDARD KEE DOME MODEL KDH.

Before assembly / installation, check the roof area concerned is free from the following:

Snow; ice; lubricants; loose substances or; any obstructions that would prevent installation of the bases. Check if P.P.E. and temporary anchor point is required for the duration of the installation.

1. Position the feet at the corners (right against the corner of the dome skylight).
2. Position the clamping ring into the slot of each base (ensuring the grub-screw is accessible).
3. Drop a pre-assembled upright into each base
4. Measure the required length for each rail
5. Cut rails and assemble
6. Make sure bases are still against the skylight / curb.
7. Tighten all grub-screws to 29ft. /lbs. (39Nm).

## SPECIFIC LIMITATIONS.

PLEASE NOTE. The 'wobble' evident in an individual upright assembly is necessary for manufacture and installation, and disappears when the installation is complete.

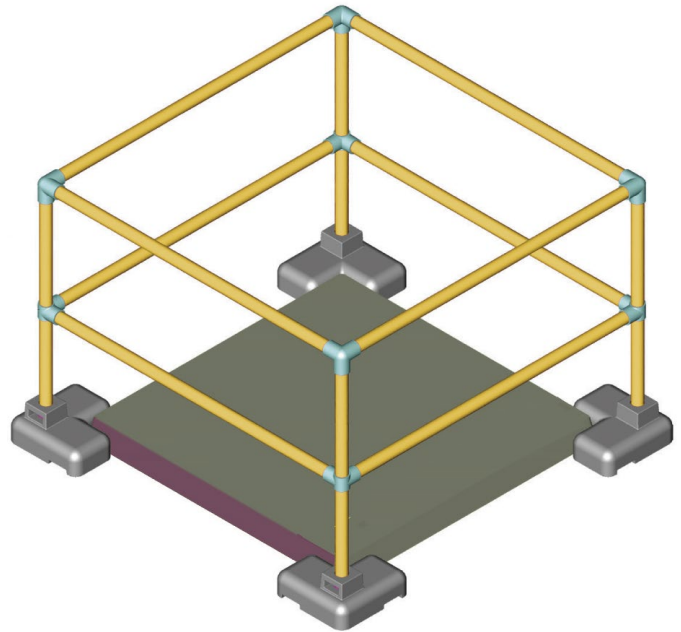
The standard system model KDH is designed as a complete unit, and should not be used with gates or openings. Specific versions are available if access points are required.

Do not use Kee Dome for attaching safety lines / wires, lanyards or use as fall protection anchoring point.

Components that are, or appear to be, modified or damaged / defective must not be used.

Components should be positioned to minimize any collection & retention of rainwater around set screws

Do not mix Kee Klamp® components with any other brands.



**Fig. 1**

Kee Dome is 8' x 8'  
model shown

## MAINTENANCE REQUIREMENTS.

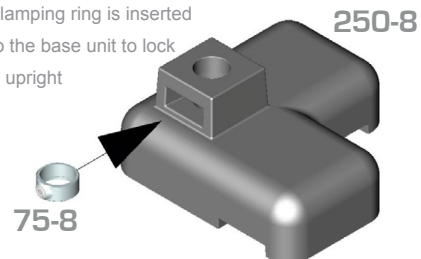
In the event of impact or apparent damage, the Kee Dome system must be checked and any damaged items replaced with Kee Safety original parts. Without such an occurrence the system must be checked annually to ensure no damage has been sustained, and that set screws are to the correct torque.

## TRANSPORTATION AND STORAGE.

There are no particular limitations as to transportation and storage of components other than they should be kept in a dry and ventilated environment.

**Fig. 2**

A clamping ring is inserted into the base unit to lock the upright



ALWAYS REFER TO AUTHORIZED KEE SAFETY, INC. PRODUCT LITERATURE OR TO THE WEBSITE ([www.keesafety.com](http://www.keesafety.com)) FOR FURTHER INFORMATION ON THE USE OF COMPONENTS AND THEIR ASSEMBLY AND INSTALLATION. IF YOU HAVE ANY QUESTIONS, ASK KEE SAFETY OR YOUR LOCAL AUTHORIZED DISTRIBUTOR.

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