

## Harsh environment protection for computers

Computers operating in harsh or dirty environments are frequently subject to premature failure resulting from dust or dirt build up in vents, on circuit boards, or even as a result of corrosion where the equipment is used in an acidic type atmosphere.

In addition to the risk to the equipment, there is also the additional risk to the premises and over recent years, a number of warehouse fires have been attributed to operational PCs igniting as a direct result of dirt and dust build up.

Typical application areas for harsh environment



protection include; manufacturing plants, factories and warehouses, food processing or preparation areas, metal finishing, plating or painting environments, and process control.

## Harsh environment IP range

Built to exacting standards, these specialist computer and terminal enclosures are designed to suit the most demanding situations (IP54 conformant with optional upgrade to IP65). Sealed and fitted with air filters and an extractor fan, they provide a safe environment for your computer, protecting against dust, grime and liquid spills, whilst the integral 'netshield' power supply offers protection against power surges or spikes. Manufactured from folded and welded steel sheet with an attractive, durable powder coat paint finish (units can also be manufactured from stainless steel as an option). Each enclosure is fitted with a safety glazed, hinged steel door (lockable for added security) and retractable keyboard / mouse mat (left / right handed).

- Smart, functional and affordable
- Prevent the ingress of dust and debris into the computer
- Prevent damage through coffee / liquid spills
- Reduce the risk of the PC catching fire (optional automatic fire detection and extinguishing system for maximum safety)
- Netshield protected power supply (6 year £10,000 connected equipment warranty)
- Lockable cabinet door for added security



an example of our IP range of harsh environment enclosures shown with optional mobile base cabinet

- Standard desktop and tower computer models available
- Choice of finishes, resilient powder coat paint finish or optional stainless steel construction / finish
- Optional upgrade to IP65 protection level
- Choice of fixings (optional wall mount, base cupboard, base stand or plinth)
- Bespoke size models available to order

## Harsh environment IP range cont...

### For Tower PCs prod. ref **EN HEEPCT**

Harsh environment enclosure for tower PC, monitor and keyboard (with net-shield power protection) taller model HEEPCTT available for tower PCs up to 620mm high.

Overall external dimensions of cabinet (mm)

**EN HEEPCT** H 715 W 720 D 560mm

**EN HEEPCTT** H 820 W 720 D 560mm

Standard unit is free standing for desktop / bench-top use.

Options include:

- Wall fixing
- Base cabinet (optional castors)
- Stand or plinth
- Stainless steel construction
- Upgrade to IP65 protection level



EN HEEPCT

### For desktop PCs prod. ref **EN HEEPCD**

Harsh environment enclosure for desktop PC, monitor and keyboard (with net-shield power protection) taller model HEEPCDT also available.

Overall external dimensions of cabinet (mm)

**EN HEEPCD** H 900 W 560 D 560mm

**EN HEEPCDT** H 955 W 560 D 560mm

Standard unit is free standing for desktop / bench-top use.

Options include:

- Wall fixing
- Base cabinet (optional castors)
- Stand or plinth (see below)
- Stainless steel construction
- Upgrade to IP65 protection level



EN HEEPCD

## Base Cabinet prod ref **EN HEEBCB**

Harsh environment base cabinet – for printer, consumables, etc.

Overall external dimensions of cabinet (mm)

**EN HEEBCB1** H 715 W 560 D 560mm

**EN HEEBCB2** H 900 W 560 D 560mm

**EN HEEBCB3** H 715 W 720 D 560mm

**EN HEEBCB4** H 900 W 720 D 560mm

Standard unit is supplied as free standing, options include;

- Castor set (80mm diam)
- Double doors on HEEBCB3 / 4 units
- Viewing window in door (as shown)
- Stainless steel construction
- Upgrade to IP65 protection level



EN HEEBCB  
base unit for printer, consumables, etc.

## Base stand prod ref **EN HEEBST**

Height and width variations to suit enclosure model / location

Overall external dimensions of stand (mm)

**EN HEEBST1** H 715 W 560 D 560mm

**EN HEEBST2** H 900 W 560 D 560mm

**EN HEEBST3** H 715 W 720 D 560mm

**EN HEEBST4** H 900 W 720 D 560mm

Free standing unit, options include:

- Castor set (80mm diam)
- Stainless steel construction



EN HEEBST Incorporates convenient  
printer shelf.

## Base plinth prod. ref **EN HEEBPL**

Height options to suit location

**EN HEEBPL1** H 715 mm

**EN HEEBPL2** H 900 mm

Fixing: 4 point bolt down fixing



EN HEEBPL

### Harsh environment positive pressure range enclosures

The positive pressure range of enclosures offer a lower cost alternative to the IP range as shown above. These units feature an internal fan (with filtered air inlet) which when left running generates a positive pressure within the unit to prevent the ingress of dust or dirt. A popular solution where budgets are tight, these units also offer a higher level of physical protection than the 'IP' range.

Finished in a resilient powder coat paint finish, these units are typically built to order.

prod ref **EN PPENC**

