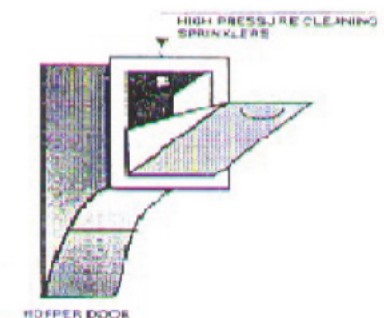
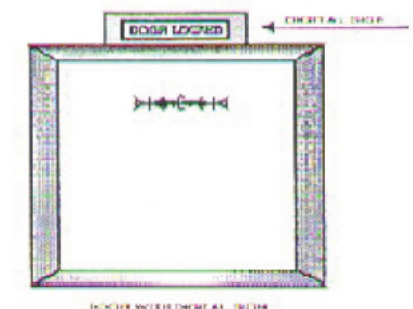
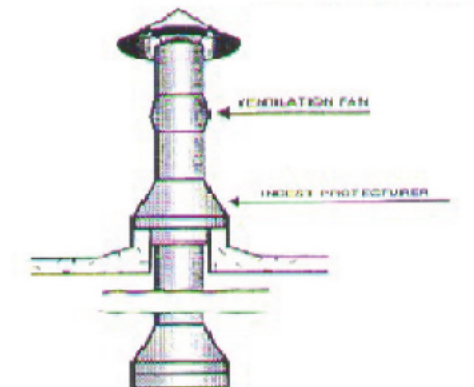
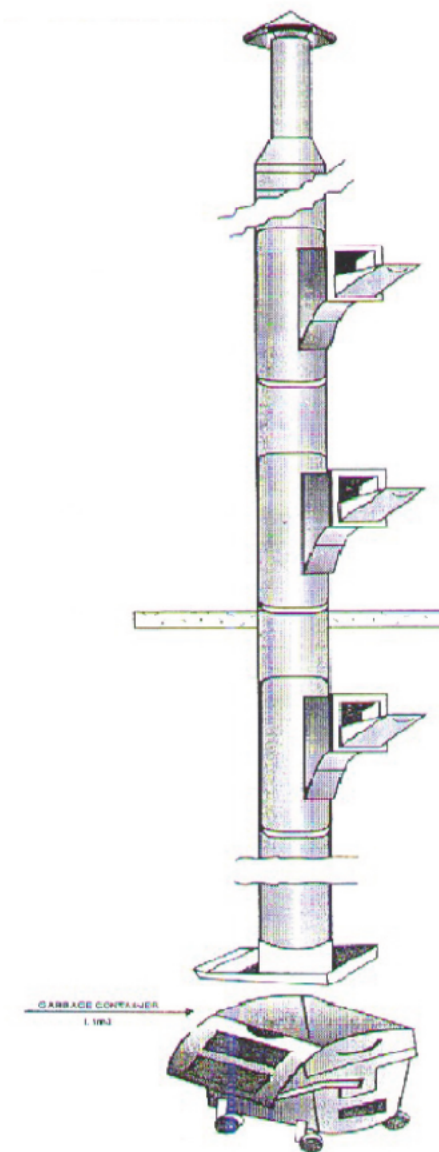


CONCEPT BATH

garbage & linen chutes

CONCEPT BATH

## Garbage Chute Brochure and Details



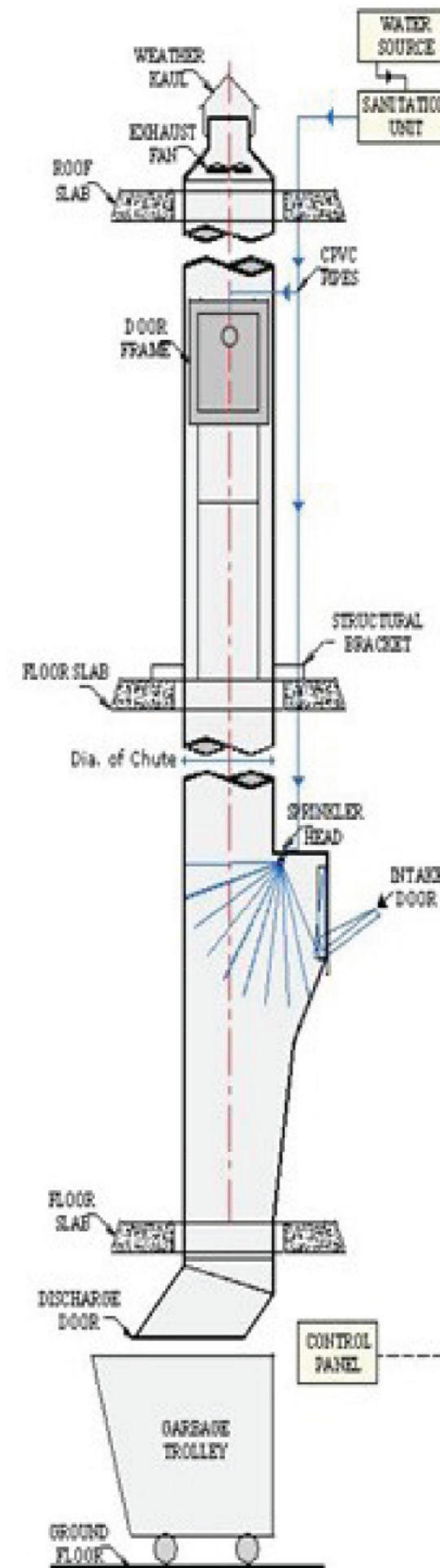
DESIGN MANUFACTURE & SERVICE OF WASTE DISPOSAL & RECYCLING EQUIPMENT.  
VISIT [wastech.com.au](http://wastech.com.au) TO DOWNLOAD FULL SPECIFICATIONS.  
National toll free 1800 465 465 24/7 service & support 1300 665 870

Illustrations and descriptions included here are applicable to production and date of this brochure 140908.V1.  
Wastech reserves the right and does from time to time make changes and improvements in design and dimensions

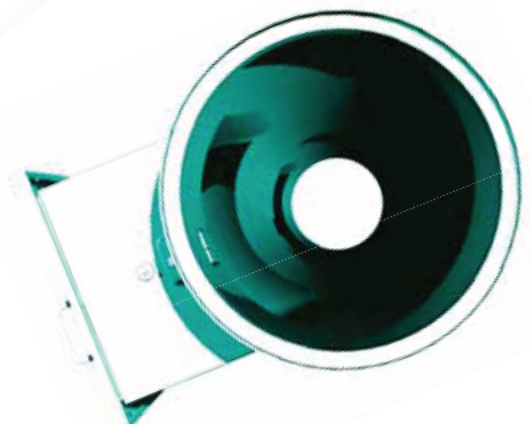
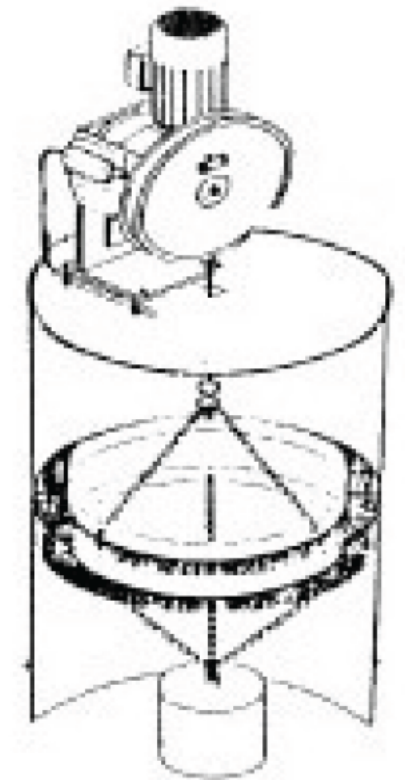
**CB**  
CONCEPT BATH



## AUTOMATIC WASHING WITH BRUSH SYSTEM



## BRUSH SYSTEM





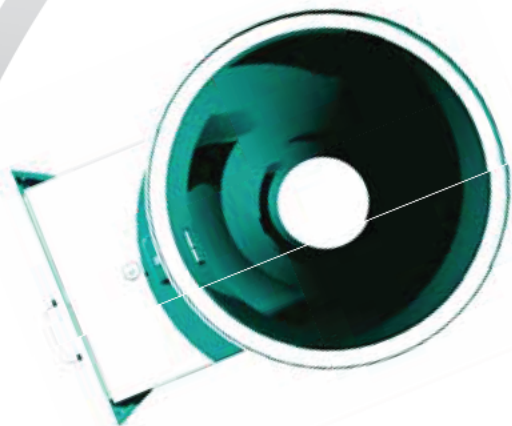


High Quality Doors  
Fire Rated Stainless Steel Doors Self  
Closing With Rubber Gasket  
Fire Rated 30 Minutes  
Material Stainless Steel 304  
Brush Finish or The Gasket And  
Body  
Insulation Rockwool  
Total Size  
Clear Door Opening  
Thick  
Access Panel  
Indicator Light  
Magnetic Lock or Central  
Locking System



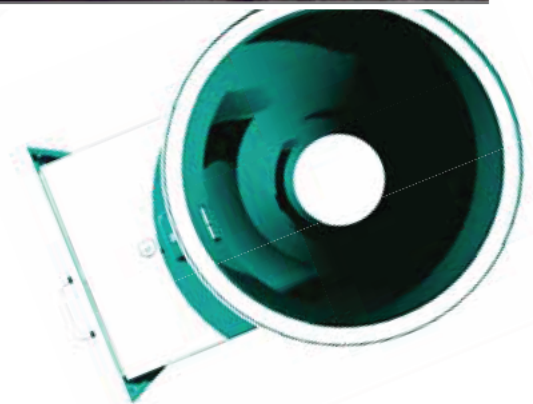
### Linen Chute Fire Rated Doors

Opening Door Size 500 mm x 500 mm





## Steel Chout Photos

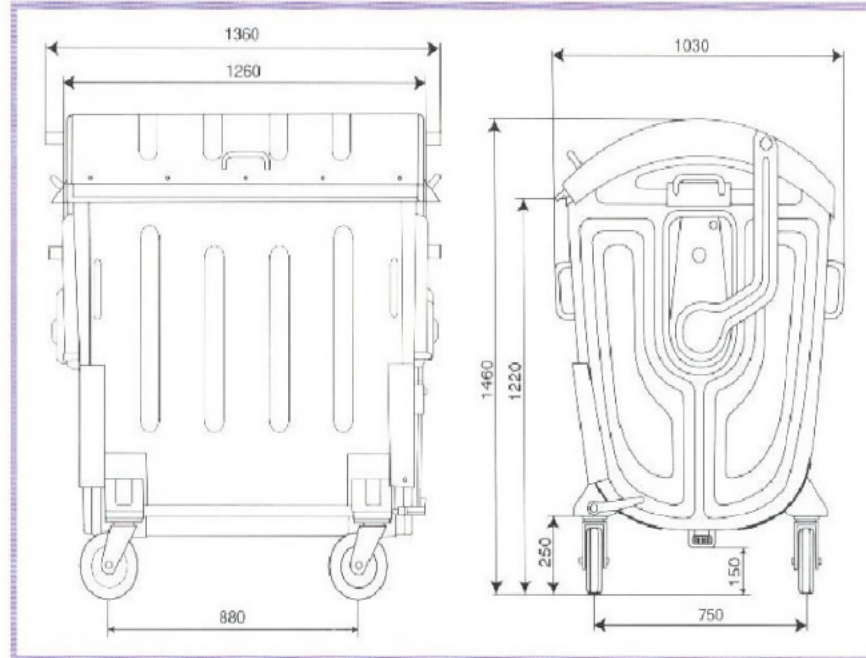




## Garbage Bin

### Salient Features

- Sturdy reinforced steel body
- Rotating Lid Arm
- Non-corrosive - galvanized finish
- Easy Manipulation can be emptied into a waste truck or open container
- Compatible with Private or Municipalities bin hoisting equipment or compacting vehicles
- Four wheels with 250mm diameter- two static and two to 360 . degrees swivel
- Equipped with two foot operated safety brakes and two steering brakes



## H&S WASTE CONTAINERS WASTE MANAGEMENT LEADER

**H&S Waste** has been established since 1990 with a goal of rendering service to our customers to the best of our capability to the extent of satisfying them to the fullest. This commitment starts from the moment an enquiry is received and is carried out through after-sales, back up and maintenance for any of the **H&S Waste** products and services supplied.

Our insistence on quality has ensured our success which is evident from our expansion in Sharjah, where our assembly factory is located, and in Hong Kong and Singapore. This success has enabled us to branch out further and we are now importing and exporting our quality products across the Subcontinent and within the Middle East area.

Container Design based on the Large Convention types of Wastes, Mobile Type & Fits Excellently into any environmental surroundings. Due to Compact Space Requirement, the Container is easily suitable for direct depot in Residential Area.

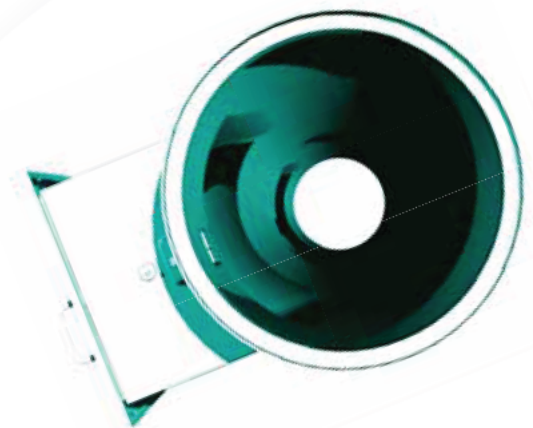
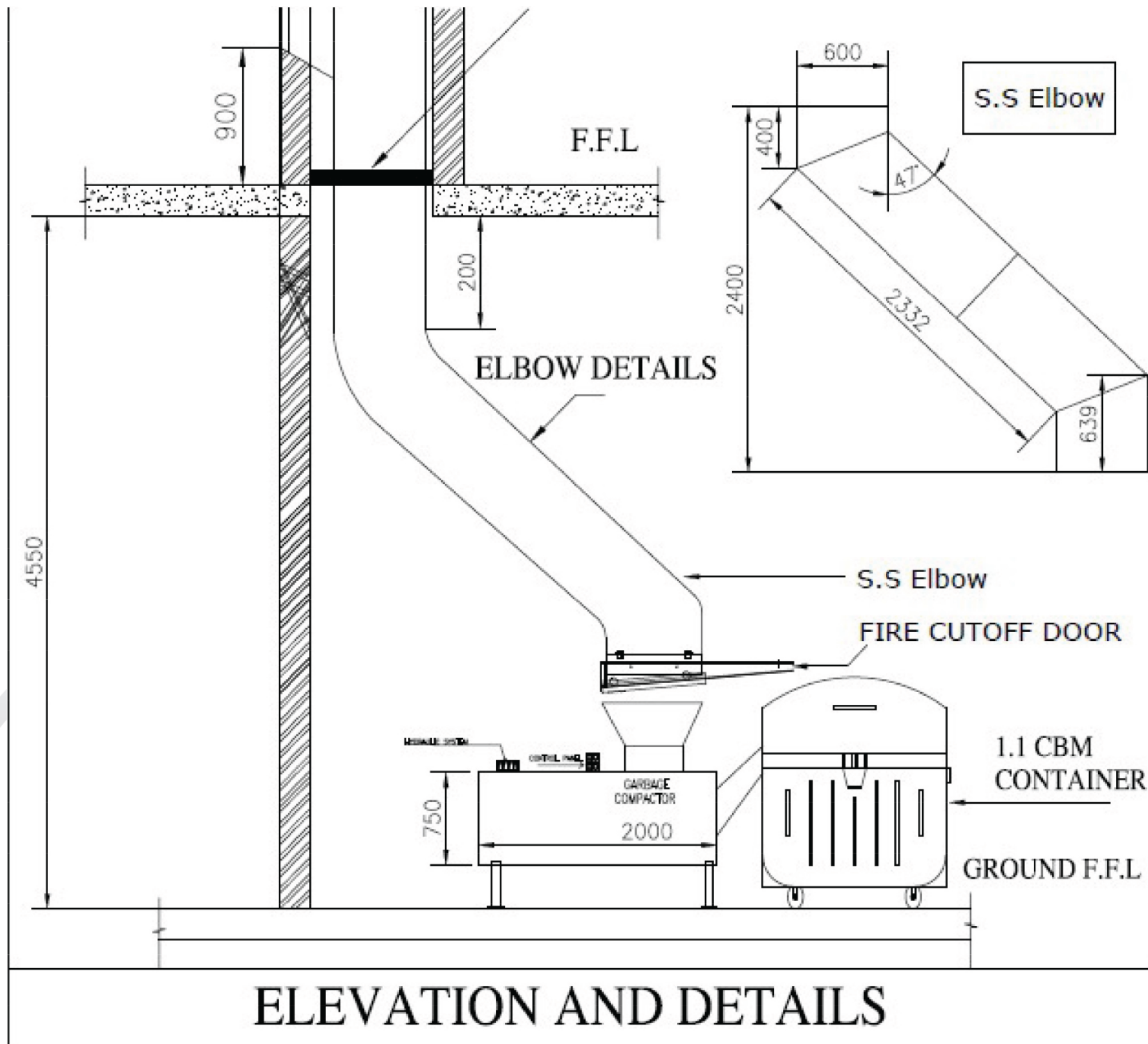
This divergence is possible due to our experienced management team and our skilled workforce who have successfully completed many projects in a smooth, rapid and efficient manner.



**All H&S Waste Containers are backed with German Technology**



## Sizes and Fitout

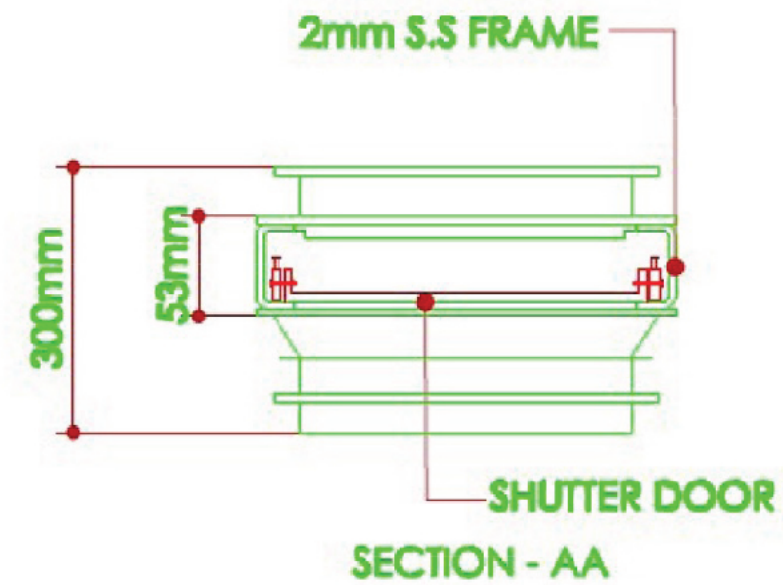
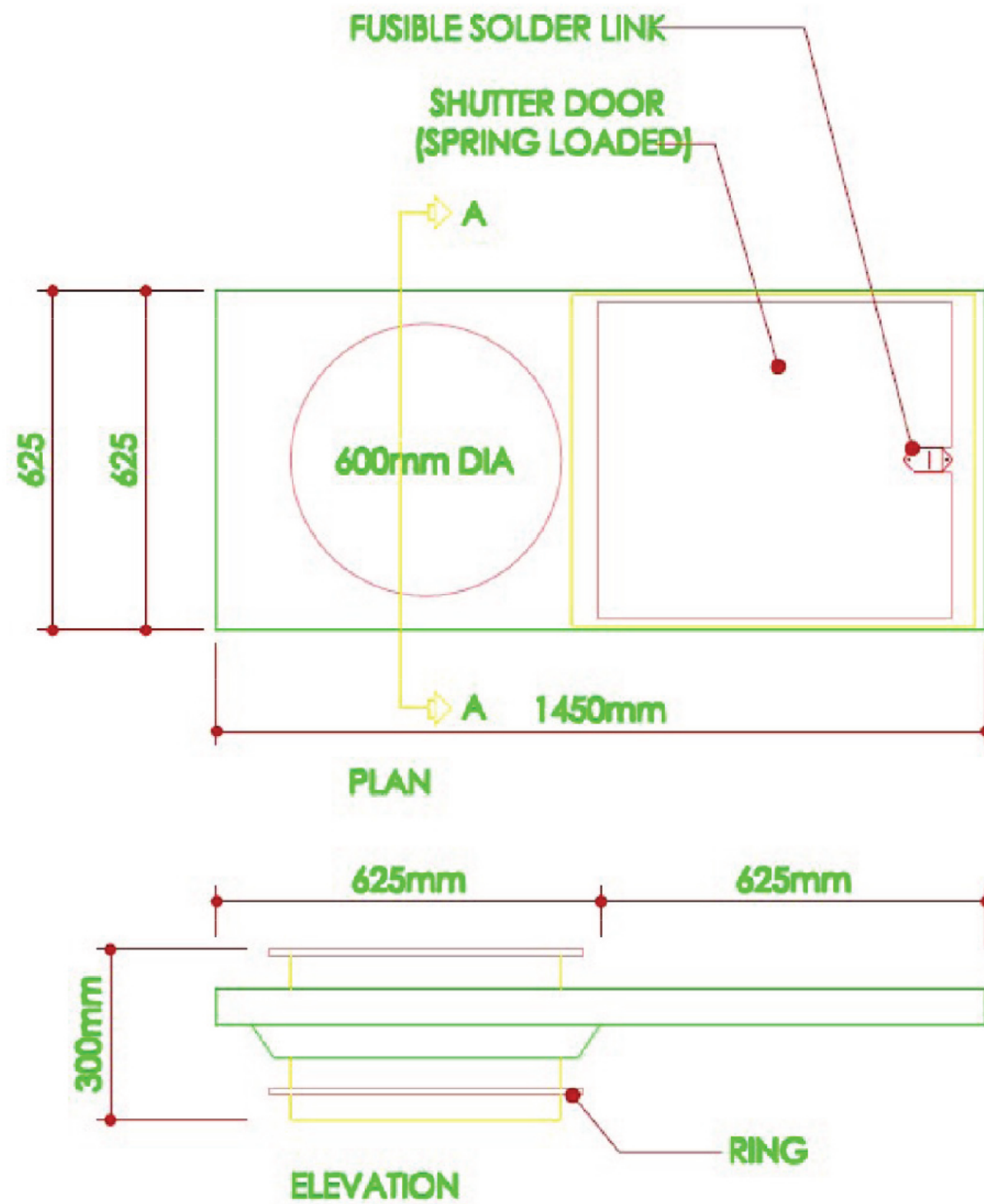




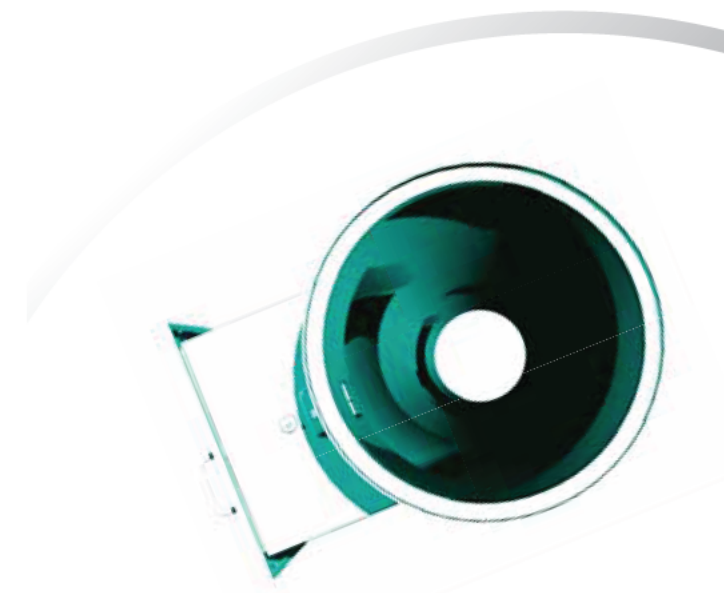
## Sizes and Fitout



## Fire cutoff door



**NOTE**  
FUSIBLE SOLDER LINK





# Fire Sprinkler



## GENERAL DESCRIPTION

The sprinkler is designed for use in all types of sprinkler application ranging from Extra Light Hazard through to Extra High Hazard classifications as defined by the various Fire Authorities.

## FEATURES

- Modern styling.
- Compact appearance.
- Smooth bronze or bright chrome finish.
- Long life glass bulb.
- Small bulb diameter for rapid response.
- Optional corrosion proofing (wax coating).

## APPROVAL

The 'A' type sprinkler meets ISO specifications and has been tested and approved by:

- Fire Offices Committee – UK.

- Insurance Council of Australia.
- Factory Mutual – USA.
- Verband der Sachversicherer – West Germany.
- Underwriters Laboratories – USA.
- FSAB – Sweden.

Approvals pending for some models.

## AREAS OF INSTALLATION

The compact elegant design of this sprinkler meets architects requirements for smaller, unobtrusive heads to compliment the environment in which they are located. It can be used for the protection of premises such as Offices, Restaurants, Retail Stores, Factories, Concealed Spaces and Warehouses which involve risks from Extra Light Hazard through to Extra High Hazard Classification as defined by the Fire Offices Committee and NFPA.

## METHODS OF INSTALLATION

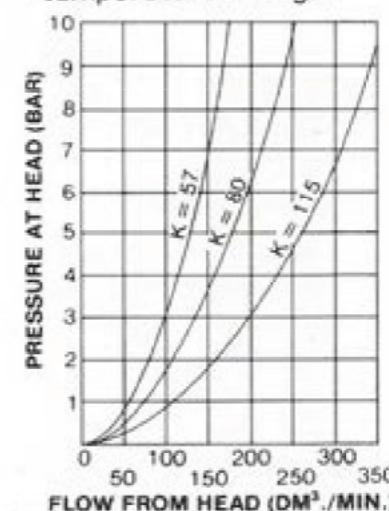
### Sprinkler Identification

1. Conventional sprinklers can be installed in either the upright or pendent position. It is identified with the CU/P marking on the deflector and MUST NOT be used as a replacement for a spray sprinkler.
2. 15mm (1/2inch) pendent spray sprinklers are identified by the SSP marking on the deflector. 20mm (3/4inch) sprinklers are marked SP. They MUST be installed in the pendent position only.
3. Upright spray sprinklers are identified by the SSU marking on the deflector. They MUST be installed in the upright position only.
4. The temperature rating of the sprinkler is identified by the colour of the bulb (see specification) and a value stamped on the sprinkler body.

## SPECIFICATION

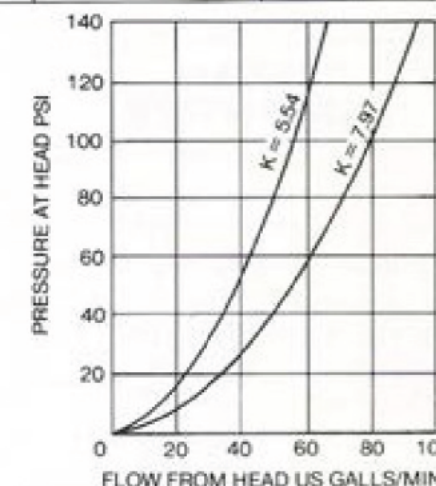
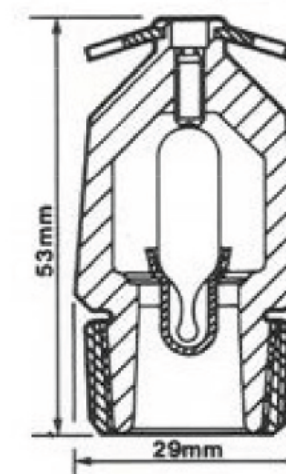
- The 'A' type sprinkler body is manufactured from die cast copper alloy.
- Copper alloy deflector and seat.
- 8mm glass bulb.
- Natural or chrome finish.
- They have K factors of 57, 80 and 115 for the three nominal sizes 10mm, 15mm and 20mm respectively.
- Shank threaded to suit BS.21 (ISO/R7 and NPT fittings).
- The sprinkler is available in the following temperature ratings.

Sprinkler Rating		Temperature which shall not be exceeded where sprinkler is located		Colour of filling
°C	°F	°C	°F	
57	135	27	81	Orange
68	155	38	100	Red
79	175	49	120	Yellow
93	200	63	145	Green
141	286	111	232	Blue
182	360	152	306	Purple



## FIXING INSTRUCTIONS

1. Sprinklers MUST be installed in accordance with the requirements of the Authority having jurisdiction.
2. Only the special sprinkler spanner Model no AEA 37638 must be used to install the sprinklers. Any other type is liable to damage the sprinkler.
3. Never install a sprinkler after it has been dropped or damaged in any way as this could seriously impair the functional efficiency of the sprinkler. These sprinklers should be discarded or returned to the factory for examination.
4. Use a sprinkler guard on all sprinklers subject to damage by moving parts. (For details see accessories).
5. If sealing compound is used, apply to the sprinkler thread only.
6. Store sprinklers in a cool dry place and preferably in their shipping carton.
7. NEVER APPLY PAINT OR ANY OTHER COATING TO A SPRINKLER OR MASKING RING.

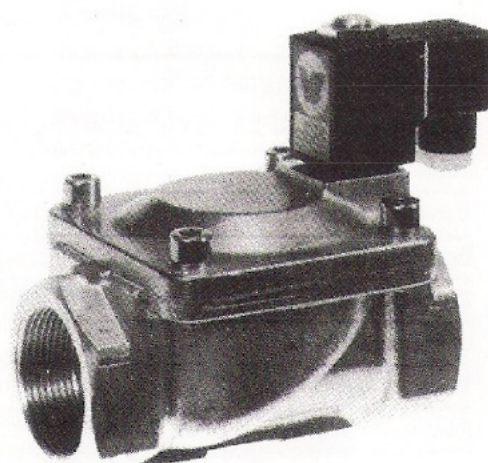
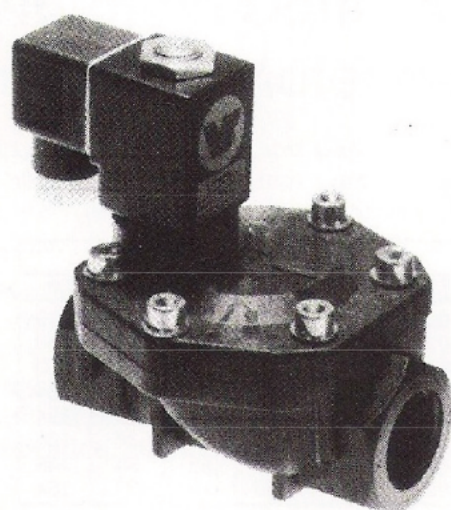


## METHODS OF ACTUATION

The sprinkler bulb contains a liquid which has a freezing point below any natural climatic figure, and a high coefficient of expansion. A small amount of vapour is trapped when the bulb is hermetically sealed. When the liquid expands under the influence of heat from a fire, pressure in the bulb rises slowly until all the vapour is absorbed. Further rises of temperature causes a rapid pressure rise, sufficient to shatter the bulb into small pieces releasing the seal and allowing water to be distributed evenly over the fire area.



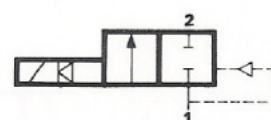
# Solenoid Valve



## 2/2 NORMALLY CLOSED

Part No.	Body Material		Seal Material					Orifice mm	Port	Flow KV
	Delrin	S/S	Brass	Buna	Viton	EPDM	Fibre			
4021	23	06	10	01	02	06	11	13	1/4"	31
4022	23	06	10	01	02	06	11	13	3/8"	40
4023	23	06	10	01	02	06	11	13	1/2"	55
4024	23	06	10	01	02	06	11	25	3/4"	120
4025	23	06	10	01	02	06	11	25	1"	170
4026	23	06	10	01	02	06	11	40	1 1/4"	250
4027	23	06	10	01	02	06	11	40	1 1/2"	360
4028	—	06	10	01	02	06	11	50	2"	510

Function: (CETOP)



## SPECIFICATION

402

2/2 way normally closed solenoid valve

### OPERATION

Servo assisted

### PRESSURE RANGE

Brass: 0.5 to 16 bar

Delrin: 0.5 to 10 bar

### TEMPERATURE RANGE

Ambient: Brass & Delrin -10°C to +50°C

Fluid: Brass -10°C to +130°C, Delrin -10°C to +40°C

### RESPONSE TIME

Dependent on pressure

### MEDIA

Non corrosive gases and liquids

### CONSTRUCTION MATERIAL

Body: brass, delrin (stainless steel on request)

Tube/plunger/spring: stainless steel

Shading ring: copper, silver on request

### SEAL MATERIAL

Buna, Viton, EPDM, fibre reinforced

### INSTALLATION

As required, preferably with coil uppermost

### MOUNTING

In line

## COIL

### INSULATION

Class H - 180°C

### PROTECTION

IP65 including connector

### DUTY CYCLE

100% normal coil temperature 70°C at 20°C ambient

### ELECTRICAL CONNECTION

DIN 46242

### CONNECTOR

4 position connector C4010

### VOLTAGE TOLERANCE

-10% to +15%

### TEMPERATURE RANGE

-20°C to +150°C

### POWER CONSUMPTION

AC inrush 35VA, 24VA hold

DC 8 watts

### CABLE CONNECTION

PG11 or PG9

### STANDARD VOLTAGES

6, 12, 24, 48, 110, 220V DC

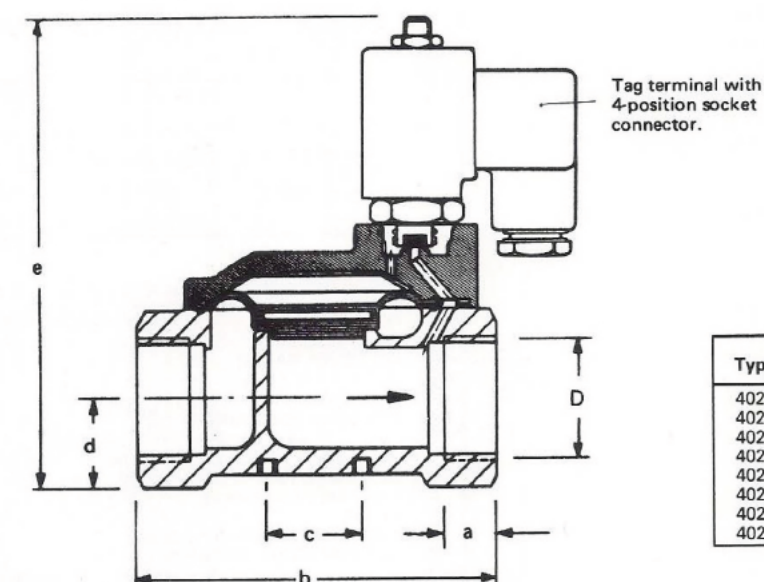
12, 24, 48, 110, 220, 240, 380V AC

### SPECIAL CONSTRUCTION

Available on request:

1. Stainless steel body
2. Normally open function

# Solenoid Valve



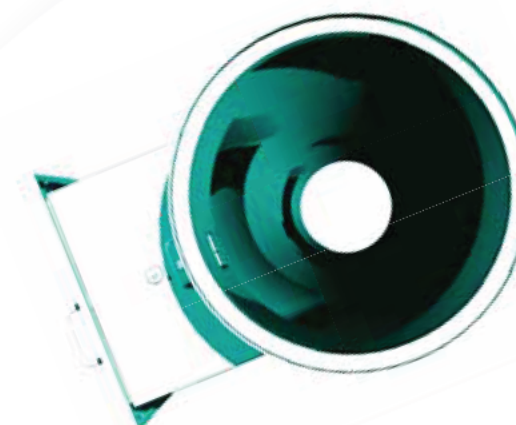
Type	Dimensions - mm				
	a	b	c	d	e
4021	17	73	—	16	110
4022	17	73	—	16	110
4023	17	73	—	16	110
4024	25	105	40	24	124
4025	25	105	40	24	124
4026	22	132	55	34	145
4027	22	132	55	34	145
4028	22	150	—	37	154

## COIL SPECIFICATION

Standard Voltages	50 Hz AC	60 Hz AC	Watts DC
380	205		
240	215		
220	204	209	228
110	203	208	214
48	202	221	213
24	201	207	212
12	200	206	211
6			210

## ORDER EXAMPLE (see table overleaf)

FULL SPECIFICATION		4024.1001.NC.240V.50Hz	
Valve type (3/4")	4024		
Body mat'l (brass)	10		
Seal mat'l (buna)	01		
Function (normally closed)	NC		
Voltage (240V)		240V	
Frequency (50Hz)			50Hz





# Sound Damping

## Revac Noise Control, Vibration Damping and Trim Materials

Revac Damping Sheet and Damping Compound are one of four comprehensive product groups in the Wardle Storeys Revac Range.

Other Revac product groups are Acoustic Foams and Foam Pads, Sound Barrier Mats and Coated Felts and Hessian. Together this range provides solutions to virtually every problem relating to noise insulation, noise absorption, vibration damping, and general trim.

Each Revac product group contains a very wide stock range of materials which enables the user to find not only the most effective but also the most economical way of meeting his needs, with the added assurance that any special requirements such as non-toxicity, flame resistance, water and oil resistance or resistance to wear or mechanical damage will also be provided for.

Within this brochure it is possible only to summarise the Damping Sheet and Compound range. Fuller technical details of any individual item are available on request, and our technical staff can also assist in product selection. This service extends also to the design of special products or formulations to meet special technical requirements.

### Description

Revac vibration damping products are a uniquely comprehensive range of materials which dramatically reduce noise levels induced by resonant vibrations in sheet metal. Their efficiency, derived from use of carefully-formulated polymer and additive systems, makes them ideal in all situations where maximum effectiveness must be combined with minimum weight, and this has been proved in service in many types of vehicle and business machines as well as general industrial applications.

### Compound Application

On vertical surfaces, maximum wet thickness which can be applied is about 3mm (4.5kg/m<sup>2</sup>). Greater thicknesses can be built up by application of further coats after complete drying. On other than horizontal surfaces, trowelling can be carried out following application by brush and complete drying, of a thin diluted coat of compound.

#### Flammability:

(BS 4735:71): Self Extinguishing  
(FMVSS 302): Burn rate less than 100mm/min  
(With self-adhesive backed sheet, these ratings apply only when Revac Damping Sheet is applied to non-combustible substrates).

### Damping Compound

Revac Damping Compounds are unique visco-elastic materials designed for ease of application to irregular structures. They are non-toxic and free from hazardous solvents and, when applied at the same thickness as a substrate, substantially improve damping characteristics, thus reducing vibration and preventing radiation of noise.

Their damping efficiency is at its peak at room temperature.

### Product Range

Two types of compound are available in 25kg or 200kg drums:

#### Revac DC1010 (Spraying Grade)

Suitable for spraying by large-bore equipment in "production" applications where Revac Damping Sheet may be unsuitable.

#### Revac DC1020 (Trowel Grade)

Suitable for treatment of "one-off" or prototype structures or for use on restricted areas where overspray cannot be tolerated.

# Sound Damping

## using REVAC DC1010

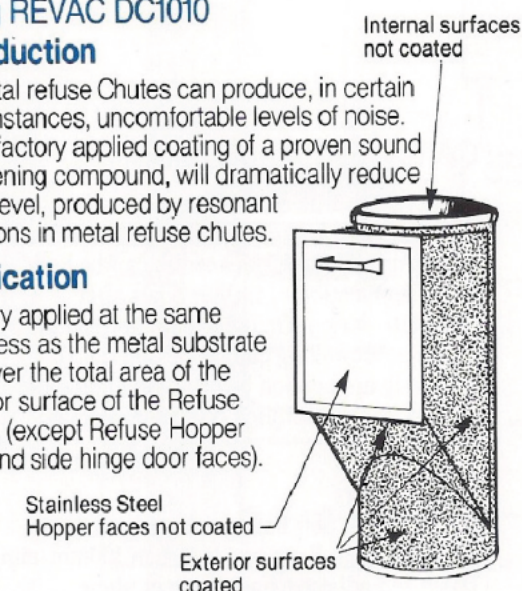
### Introduction

All metal refuse Chutes can produce, in certain circumstances, uncomfortable levels of noise.

A factory applied coating of a proven sound dampening compound, will dramatically reduce noise level, produced by resonant vibrations in metal refuse chutes.

### Application

Factory applied at the same thickness as the metal substrate and over the total area of the exterior surface of the Refuse Chute, (except Refuse Hopper face and side hinge door faces).



### REVAC DC1010 Typical Properties

Density	— 1300kg/m <sup>3</sup>
Total solids content	— 65%
Viscosity	— BS476 at 1.6kg/m <sup>3</sup>
Flammability	— 0.3 w/m deg C.
Thermal Conductivity	— Buff
Colour	— 1.8kg/m <sup>3</sup> or 2.0mm – 2.5mm Thickness
Applications	

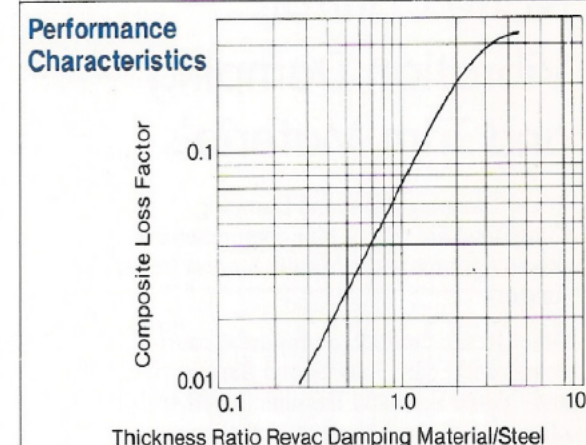


Figure 1. Variation of Efficiency with thickness Test on Steel at 100Hz and 20°C.

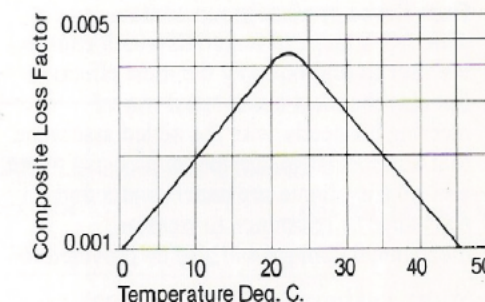
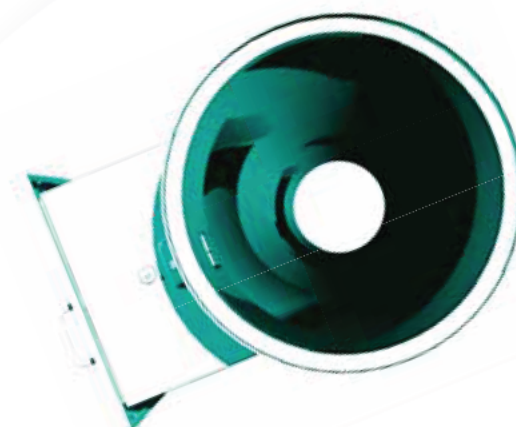


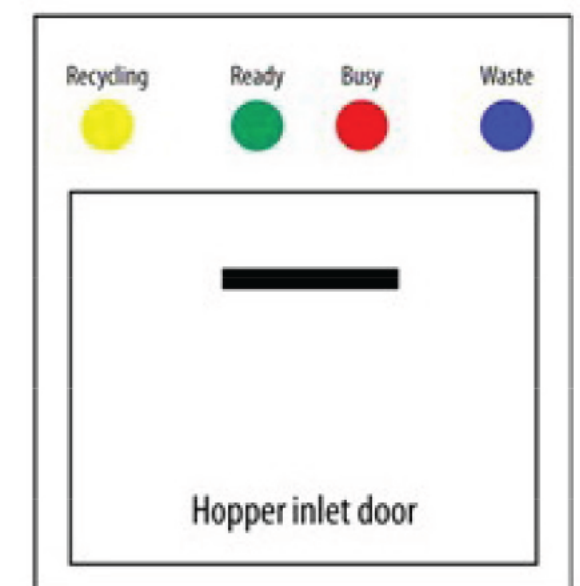
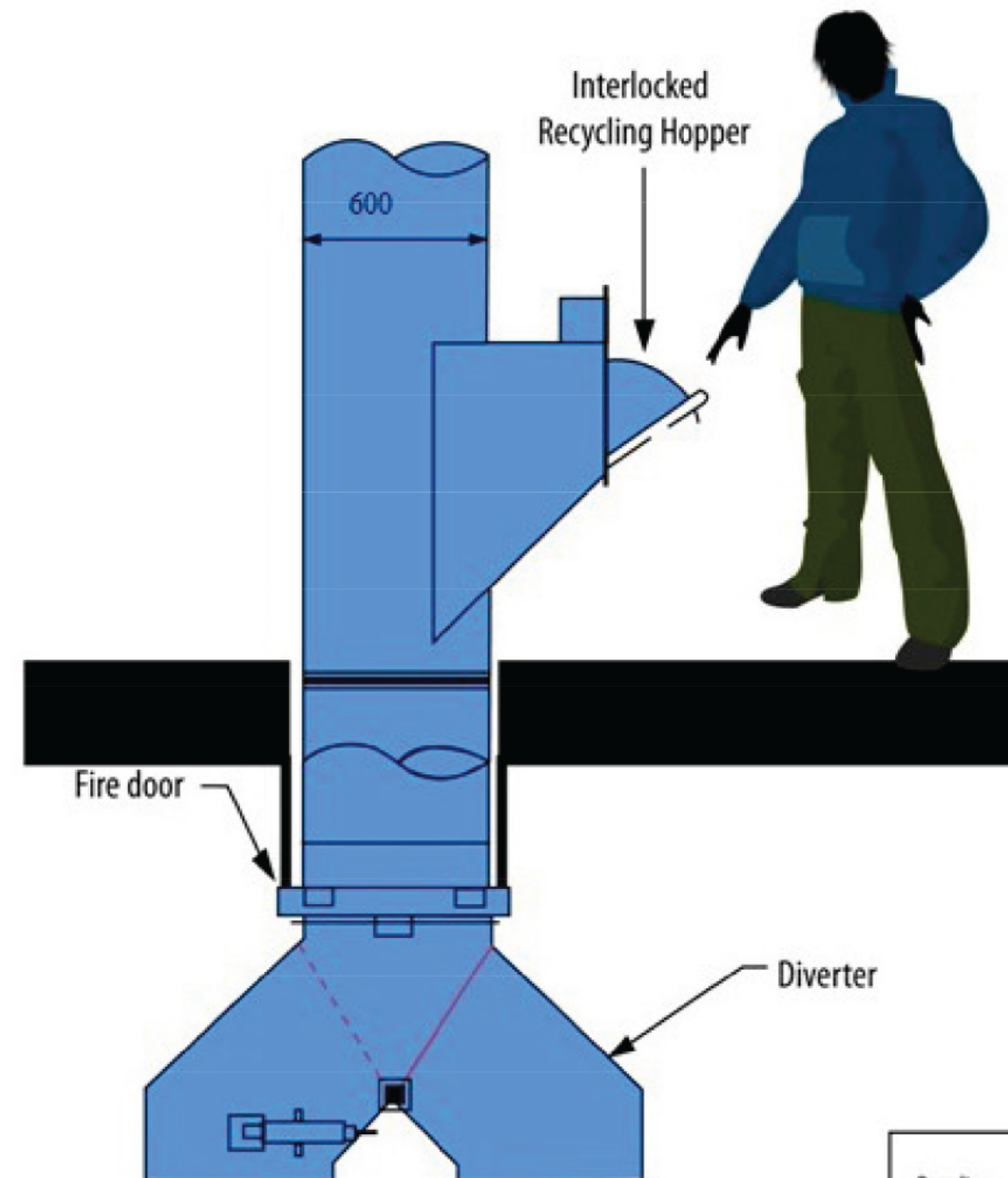
Figure 2. Variation of Efficiency with temperature Test on Steel at 100Hz.





## Optional Recycling Garbage Chute System

### Disinfection – Sanitizing Unit



## Optional Recycling Garbage Chute System

