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CHAN CHUAN CHANG METAL WORKS

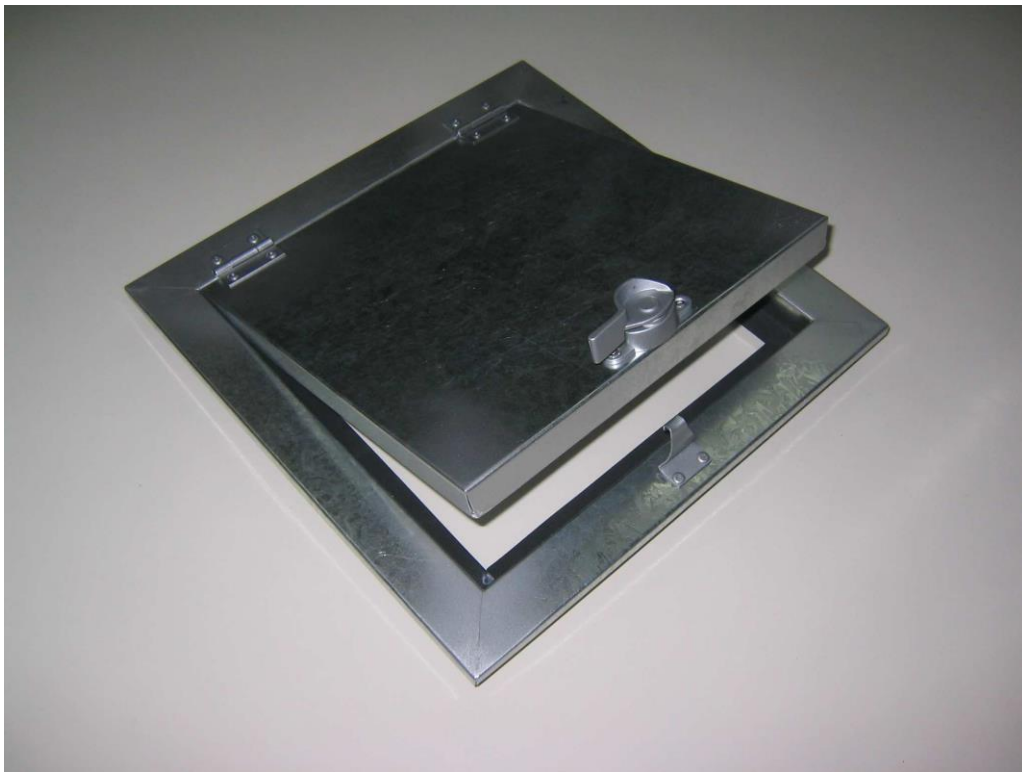
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Reg. No. 204949/00M



ACCESS PANEL



Brand : CCC

AIR DIFFUSION EQUIPMENT

ACCESS PANEL

Series : CCC-AP

CHAN CHUAN CHANG METAL WORKS



VISION

“To produce high quality products, high standard of creativity in design and excellent credibility in reputation”

MISSION

“Serve customer with satisfactory and reliable works and products”

Chan Chuan Chang Metal Works was established in 1975, committed to the vision to manufacture good quality Air Diffusion Equipment. After building up its reputation in the industry as a top manufacturer, the company registered the logo with the Registry of Trade and Patents (Singapore). From then onwards, all equipment which has the trade mark symbolise our commitment to serve our customer with satisfactory and reliable works and products.


Our products have been tested by VIPAC, testing laboratory at Victorian technology Centre, Port Melbourne, Victoria. Furthermore, the results are NATA Certified (National Association of Testing Authorities, Australia) to ADC 10623 R3 (Air Diffusion Council, USA) and are officially endorsed in countries which are signatories to the I.L.A.C agreement-namely, Australia, New Zealand, Britain, USA and Malaysia.

We were proud to introduce the **Heavy Duty Aluminium Computer Floor Grille**, Series : CR to the industry in 1991. This has been a breakthrough as the grille are able to provide adequate air flow whilst maintaining the weight of any person or equipment. This is verified by the Comprehensive Loading Test performed by Singapore Institute of Standard & Industrial Research (SISIR), currently known as Spring Singapore. Series : CR has since then been installed in many computer rooms, wafer manufacturing plant and places which require the product.



COMPANY MILESTONE

1975 Established with the vision to manufacture high quality Air Diffusion Equipment to meet future needs and demands. Together with a team of experienced Engineers & Craftsman dedicated to Chan Chuan Chang's Motto – Commitment, Creativity & Credibility, we produced good quality products with high standard of creativity in design and maintained excellent credibility in reputation.

1982 Registered with the Registry of Trade and Patents (Singapore), CCC Trade Mark  has since become a household name in its industry.

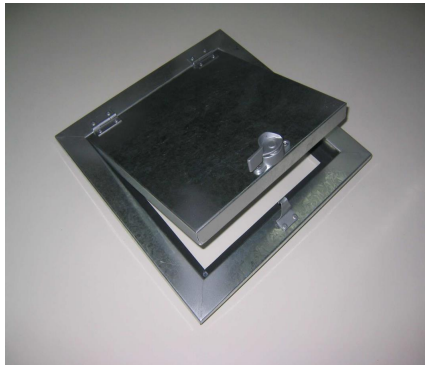
1986 Chan Chuan Chang (CCC) products are tested by VIPAC, a testing laboratory at Victorian Technology Centre, Port Melbourne, Victoria. These results are NATA Certified (National Association of Testing Authorities, Australia) to ADC 10623 R3 (Air Diffusion Council, USA) and are officially endorsed in countries which are signatories to the I.L.A.C agreement – namely, Australia, New Zealand, Britain, USA and Malaysia.

1991 CCC Aluminium Computer Floor Air Grille was sent for Comprehensive Loading Test conducted by Singapore Institute of Standard & Industrial Research (SISIR) and achieved excellent results.

1997 CCC was awarded ISO 9002 Certification. Our impressive list of satisfied clients is testimony to CCC's motto – Commitment, Creativity and Credibility.

2005 CCC has improved its quality management system with respect to the ISO 9001:2000 standard due to our commitment towards quality improvement in our products and customer satisfaction. We thank you for your faith and support in our products. We will continue to strive harder to exceed your demand & satisfaction.

2012 CCC was awarded ISO 9001:2008 Certification by BVQI Accreditation. CCC also became a certified member of Air Movement and Control Association International (AMCA). Our Low Leakage dampers were tested according to AMCA standards and received certifications.



CCC-AP/H



CCC-AP/R

APPLICATIONS

- This series of Access Panel offer a solution for easy access to ceilings and walls in many environment.
- Installations for Access Panel can be used in ceilings, walls, plasters, bricks or floor panelling.
- There are different models to suit your requirements.
- For all type of ceiling and wall systems for easy access your needs.

FEATURES & DETAILS

- Access panel offers great flexibility in the design as we are able to customise to cater to the individual project requirements.
- Our designs enable fast and simple installation.
- Comes in 2 models:
AP/H – Hinged type access panel
AP/R – Removable type access panel
- Access Panel's material can be of G.I., SS304 or SS316 according to your requirements.
- Fibreglass 32kg/cubic metre x 15mm insulation is used for our standard specifications.

CCC-AP/H



*ACCESS PANEL WITH HINGES & CRESCENT LOCK TO
PROVIDE GREAT FLEXIBILITY FOR YOUR REQUIREMENTS.*

Product Name : Access Panel

Model : CCC-AP/H

Material : G.I. / SS304 / SS316

Features :

CCC Access Panel are fabricated from high quality 0.5mm thick G.I. sheet for both the frame and panel. It can be installed at ceilings and walls and offer a solution for easy access to all these areas in many environment. CCC is able to customise the sizes to cater to each individual project requirement for all our equipment. Fiberglass 32kg/cubic metre x 15mm is used as standard insulation for our panels. Finishing will be raw with touch-ups to welded areas only.

Optional Accessories (chargable) :

- Standard construction will be 0.5mm thick G.I. sheet. Other requirements for thicker materials, SS304 or SS316/SS316L materials may be requested upon enquiry and we will quote accordingly.
- Other types of insulations such as Fibreglass 48kg/cubic metre x 25mm, Rockwool 60kg/cubic metre x 25mm or K flex 60kg/cubic metre x 25mm.
- Special types of locks to secure the Access Panel.
- Gaskets.
- Handles.
- Special coating finishing upon request.

CCC-AP/H

Model: AP/H

Standard Material Specification

FRAME

0.5mm Galvanised Steel

PANEL

0.5mm Galvanised Steel

Optional material for frame and panel can be as follows:

- Aluminium
- SS304/SS316/SS316L
- Other thickness

INSULATION

Fibreglass 32kg/cubic metre x 15mm

Optional insulation can be as follows:

- Fibreglass 48kg/cubic metre x 25mm
- Rockwool 60kg/cubic metre x 25mm
- K flex 60kg/cubic metre x 25mm

FASTENER

Aluminium crescent lock & hinges

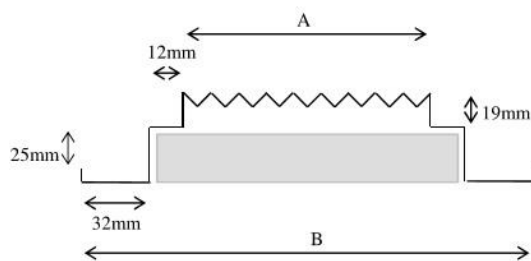
ACCESSORIES

Optional such as follows:

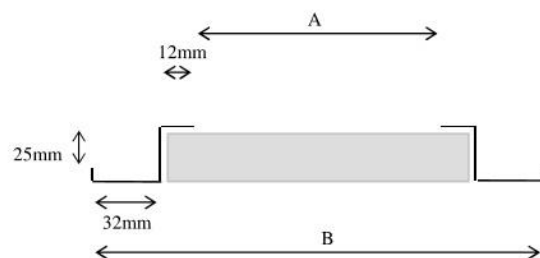
- Gasket 12mm wide
- Handles



Design Construction

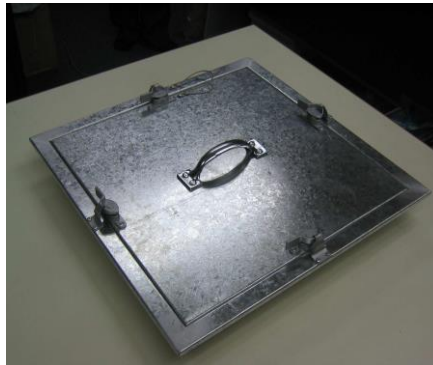


A: Nominal neck size less 6mm
B: Nominal face size



A: Nominal neck size less 6mm
B: Nominal face size

CCC-AP/R



CCC-AP/R

Product Name : Access Panel

Model : CCC-AP/R

Material : G.I. / SS304 / SS316

Features :

CCC Access Panel are fabricated from high quality 0.5mm thick G.I. sheet for both the frame and panel. Model AP/R comes with crescent locks and handle. It can be installed at ceilings and walls and offer a solution for easy access to all these areas in many environment. CCC is able to customise the sizes to cater to each individual project requirement for all our equipment. Fiberglass 32kg/cubic metre x 15mm is used as standard insulation for our panels. Finishing will be raw with touch-ups to welded areas only.

Optional Accessories (chargable) :

- Standard construction will be 0.5mm thick G.I. sheet. Other requirements for thicker materials, SS304 or SS316/SS316L materials may be requested upon enquiry and we will quote accordingly.
- Other types of insulations such as Fibreglass 48kg/cubic metre x 25mm, Rockwool 60kg/cubic metre x 25mm or K flex 60kg/cubic metre x 25mm.
- Special types of locks to secure the Access Panel.
- Gaskets.
- Special coating finishing upon request.

CCC-AP/R

Model: AP/H

Standard Material Specification

FRAME

0.5mm Galvanised Steel

PANEL

0.5mm Galvanised Steel

Optional material for frame and panel can be as follows:

- Aluminium
- SS304/SS316/SS316L
- Other thickness

INSULATION

Fibreglass 32kg/cubic metre x 15mm

Optional insulation can be as follows:

- Fibreglass 48kg/cubic metre x 25mm
- Rockwool 60kg/cubic metre x 25mm
- K flex 60kg/cubic metre x 25mm

FASTENER

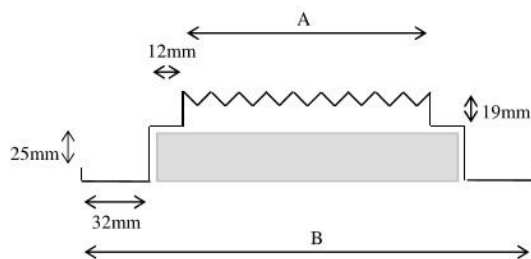
Aluminium crescent lock & hinges

ACCESSORIES

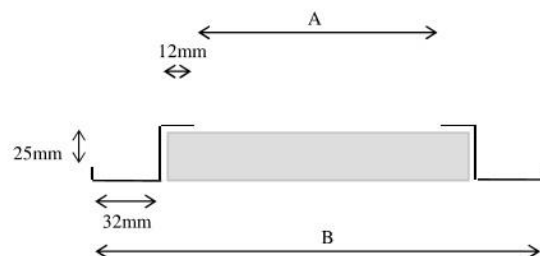
Optional such as follows:

- Gasket 12mm wide
- Handles and safety rope

Design Construction



A: Nominal neck size less 6mm
B: Nominal face size



A: Nominal neck size less 6mm
B: Nominal face size