



ej

Aluminium Access Hatch Solutions







Our people:
Our core strength.

Along with our distributors and agents, we take pride in what we do. We are honest and genuinely committed to creating and maintaining real, long-lasting relationships. We work where you work, we live where you live. We hire the right people, and give them superior knowledge. It is our employees' world-class knowledge and expertise that continues to keep us leading in our globally competitive industry.

We are fortunate to have a long history of attracting and retaining outstanding people. Our workforce is diverse, knowledgeable and loyal and often includes multiple generations from the same family. Our passionate and dedicated teams repeatedly earn recognition for their high degree of professionalism.

Table of Contents

SAFE HATCH™ Safety Grate System 6
Lift Assist 7
CLN Series 8
CHS Series 12

Product	Description	Page
Aluminum Access Hatches	SAFE HATCH™ Safety Grate System	6
	Lift Assist — Pneumatic Lift Assist for Aluminium and Steel Hatches	7
	CLN Series Features Diagram	8
	CLN Series Channel Frame Pedestrian Rated	9
	CLN Series with SAFE HATCH™ Safety Grate System I Class A	10
	CHS Series Features Diagram	12
	CHS Series Channel Frame, H20, Lift Assist	13
	CHS Series with SAFE HATCH™ Safety Grate System I Class C	14



Quality ISO 9001



Our product and service quality is officially assured as EJ holds the international Quality Certification ISO 9001 and the IAPMO OceanaMark.

Hobart to Darwin, Perth to Brisbane, the EJ brand is popping up everywhere and the applications are as varied as the locations.

We have designed easy to operate, secure access hatches for below ground and under-floor installations in three, durable, long-lasting metals - aluminium, steel and ductile iron.

Our range is at work in sewer pump stations, water treatment plants, gas valve vaults, water metre pits and water valve vaults. They're also playing their part in telephone and electric vaults, industrial plant pits, ventilation shafts, fuel storage pits, de-icing control facilities, storm drains, monitoring wells and collection pits. EJ. The value choice for access hatches.

Made in the USA.



Aluminium Access Hatches for Non-Traffic
AS3996 Class A | 10kN



Aluminium Access Hatches for Slow Moving Commercial Vehicles
AS3996 Class C | 150kN



SAFE HATCH™
Safety Grate System

SAFE HATCH™ Safety Grate System

Safety and Security

Our SAFE HATCH™ safety grates cover an opening and provide fall through protection that conforms with Workplace Health and Safety Regulation 2011: Part 4.4 Falls.

The Australia Workplace Occupational Health & Safety (WOH&S) laws require employers to provide a safe workplace for all their employees. "Fall protection shall be provided to prevent workers from falls over 2 metres".

There have been a number of fatalities in the past 8 years from falls into sewer pits or holes with half of these at mines. Significantly, half the fatal falls involved depths of 3 metres or less. (Source: Safe Work Australia Work Related Injuries and Fatalities involving falls from a height 2013.)

This Access Hatch has all the safeguards to prevent employee injury from falls. EJ is proud to offer this life saving solution.

Standard Features

- Doors cannot be closed unless the fall through protection has been put back in place (protecting the next operator).
- Visual inspections and limited maintenance can be done while safety grate is left in place.
- Safety orange aluminium grates create a visual barrier around the pit. The orange epoxy painted grates create an awareness of the hazard.

Quality Components

Built with all stainless steel hardware, grates are also designed to withstand corrosive environments and provide 14.36 kPa pedestrian rated fall through protection. Also available in AS3996 I Class C for low density traffic.

State-of-the-Art Manufacturing

We strive for continuous improvement in all of our manufacturing processes. Lean manufacturing techniques translate into savings for our customers and improved lead times.



Aluminium diamond plate cover with all stainless steel hardware



Closed safety grates: Safety orange painted aluminium grates provide 14.36 kPa non-traffic pedestrian rated fall through protection.



Open safety grates: Safety orange painted aluminium grates provide a visual barrier around pit.

Lift Assist — Pneumatic Lift Assist for Aluminium and Steel Access Hatches



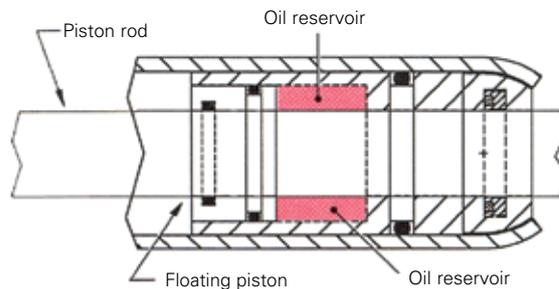
Lift Assist —
Pneumatic lift assist to easily open steel and aluminium access hatches.



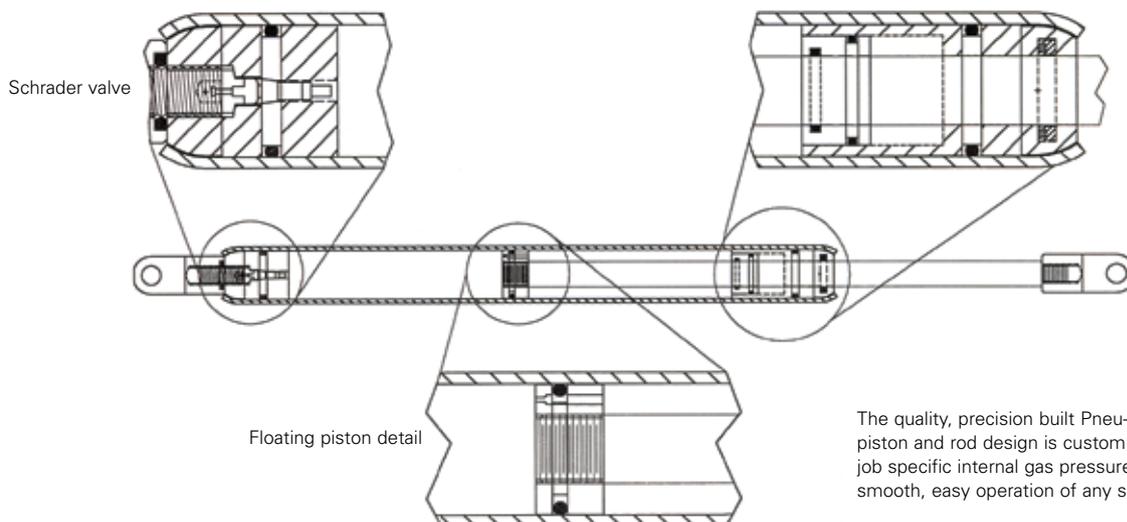
State-of-the-art CNC controlled precision quality

Reliable — smooth operation year after year

- Under laboratory conditions our industrial Pneu-Springs have a proven cycle life of over 250,000 cycles.
- Durable: Heavy duty stainless steel construction.
- Quality materials are assembled with close manufacturing tolerances to assure long life.
- Easy maintenance: Trouble-free operation.
- In the event a lift assist component must be replaced, removal and re-installation is a simple matter requiring the removal of just three bolts.
- Space saving: Fits in confined spaces.
- The Pneu-Spring design allows the lift assist to be installed in a horizontal position where the lift assist device mounts can be confined to the concrete slab thickness.



The Pneu-Spring's oil reservoir and heavy duty stainless steel construction allow for years of trouble-free operation.



The quality, precision built Pneu-Spring's piston and rod design is custom loaded with job specific internal gas pressure to ensure smooth, easy operation of any size hatch.

CLN Series - Pedestrian Rated | Class A

Aluminium Hatch with Channel Frame
SAFE HATCH™ Safety Grate System

Place of installation: Pedestrians and pedal cyclists, closed to other traffic.

Lifting handle
Drop style sits flush with cover when not in use

Slam lock
for security

Precision laser cut locking arm

Rim seal for noise suppression (odour suppressent seal optional)

Secondary padlock
(not included) for added security

Safety grate locks in open position

Unique T-handle key
unlocks and lifts

Channel frame with drainage point

Water resistant to rainwater due to the channel frame

Recessed SS316 hinges

Recessed padlock clip
(padlock not included)

Rainwater Flow

Channel Frame

Cover

75mm Drain Coupler

Concrete

CLN SERIES WITH SAFE HATCH™ SAFETY GRATE SYSTEM PEDESTRIAN RATED | CLASS A | 10kN

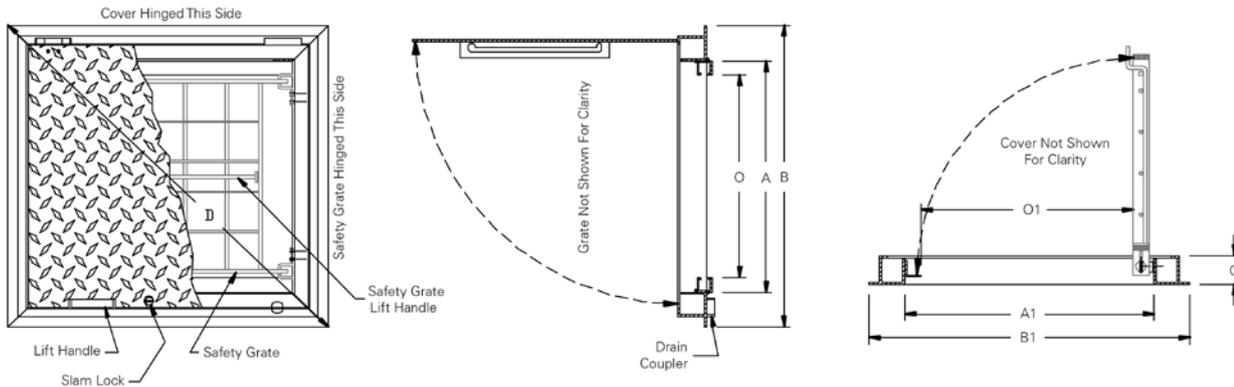
- Non-traffic, pedestrian rated
- Epoxy painted safety orange aluminium safety grate system for fall through protection and controlled confined space entry
- Red stainless steel hold open arm
- Heavy duty stainless steel hinges
- Extruded aluminium channel frame with 25-13mm drain coupler on underside of frame
- 3mm cushion o-ring gasket
- Exterior of frame coated with black primer
- Stainless steel slam lock with removable T-handle and threaded stainless steel plug
- Aluminium lift handle
- 6mm aluminium diamond plate cover

See aluminium hatch options page 10 for additional options.

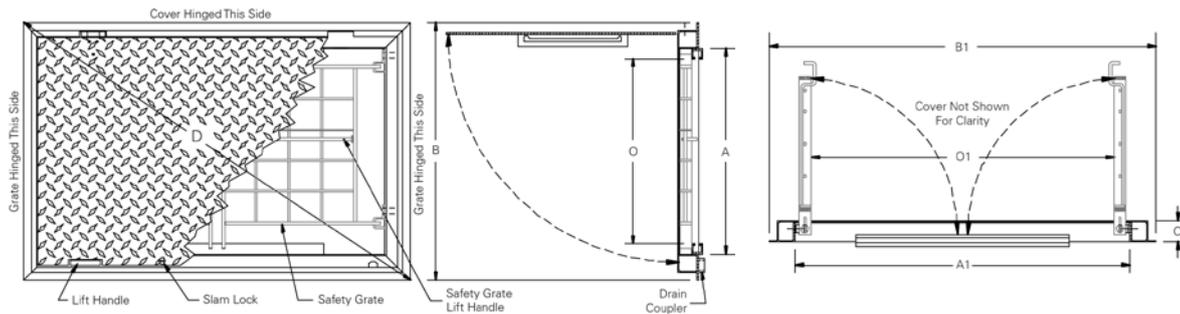
No vehicle traffic allowed.



Single Grate, Single Cover Style

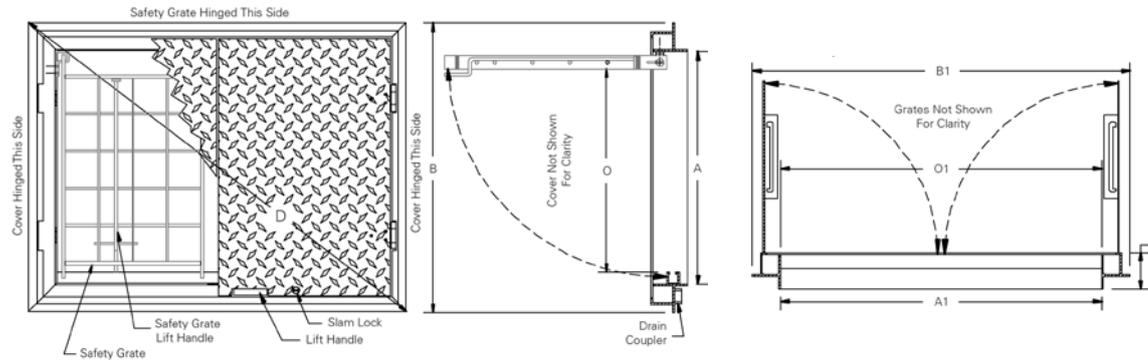


Double Grate, Single Cover Style



CLN SERIES WITH SAFE HATCH™ SAFETY GRATE SYSTEM (CONTINUED) PEDESTRIAN RATED | CLASS A | 10kN

Double Grate, Double Cover Style



CLN Series with SAFE HATCH™ Safety Grate System

Catalog Number Aluminium	Unobstructed Clear Opening O x O1	Dimensions A x A1	Dimensions B x B1	Height C	Diagonal D
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Single Grate, Single Cover Style

H24243196	610 x 610	710 x 760	930 x 980	90	1350
H24303196	610 x 760	710 x 915	930 x 1130	90	1460
H24363196	610 x 915	710 x 1070	930 x 1285	90	1585
H30303196	760 x 760	865 x 915	1080 x 1130	90	1565
H30363196	760 x 915	865 x 1070	1080 x 1285	90	1675
H36363196	915 x 915	1015 x 1070	1230 x 1285	90	1780
H42423196	1070 x 1070	1170 x 1220	1385 x 1435	140	1995

Double Grate, Single Cover Style

H30483196	760 x 1220	865 x 1400	1080 x 1615	90	1940
H42423196	915 x 1220	1015 x 1400	1230 x 1615	90	2030

Double Grate, Double Cover Style

H30483296	760 x 1220	890 x 1220	1105 x 1435	90	1810
H30543296	760 x 1370	890 x 1370	1105 x 1590	90	1935
H36483296	915 x 1220	1040 x 1220	1260 x 1435	90	1910
H36603296	915 x 1525	1040 x 1525	1260 x 1740	90	2150
H42483296	1070 x 1220	1195 x 1220	1410 x 1435	90	2010
H48483296	1220 x 1220	1345 x 1220	1560 x 1435	140	2120
H48543296	1220 x 1370	1345 x 1370	1560 x 1590	140	2230
H48723296	1220 x 1830	1360 x 1830	1575 x 2045	140	2580
H60603296	1525 x 1525	1665 x 1525	1880 x 1740	140	2560
H48603296	1220 x 1525	1360 x 1525	1575 x 1740	140	2350
H60723296	1525 x 1830	1700 x 1830	1920 x 2045	140	2805

Note: All dimensions are in mm



CHS Series - Occasional Traffic | Class C

Aluminium Hatch with Channel Frame

SAFE HATCH™ Safety Grate System

Place of installation: Slow moving commercial vehicles.

Slam lock for security

Precision laser cut locking arm

Pneumatic lift assist

Secondary padlock (not included) for added security

Unique T-handle key unlocks and lifts

Water resistant to rainwater due to the channel frame

Recessed SS316 hinges

Recessed padlock clip (padlock not included)

Lifting handle
Drop style sits flush with cover when not in use

Secondary locking arm

Rim seal for noise suppression (odour suppressant seal optional)

Channel frame with drainage point

Rainwater Flow

Channel Frame

Cover

75mm Drain Coupler

Concrete

CHS SERIES WITH SAFE HATCH™ SAFETY GRATE SYSTEM OCCASIONAL TRAFFIC | CLASS C | 150kN

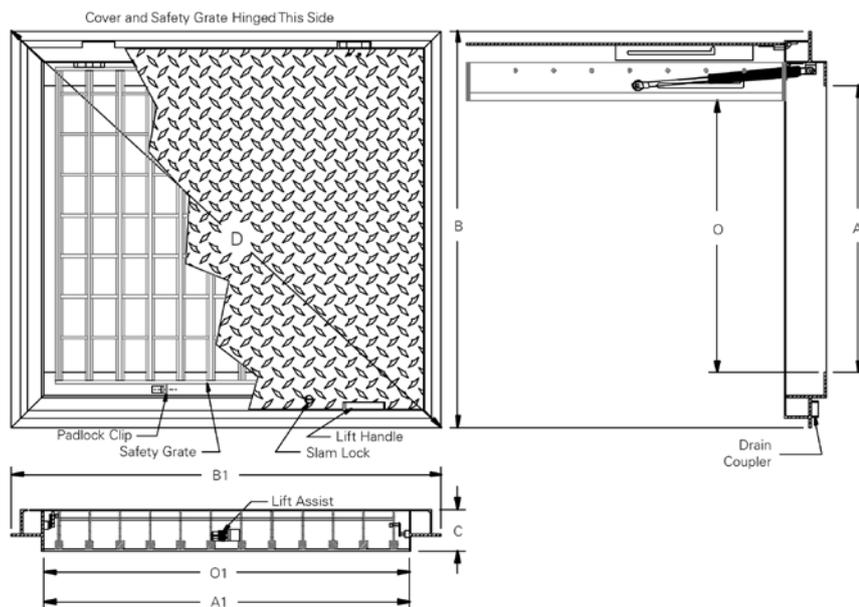
- Slow moving vehicular traffic rated
- Epoxy painted safety orange aluminium safety grate system for fall through protection and controlled confined space entry
- Red stainless steel hold open arm
- Heavy duty stainless steel hinges
- Heavy duty stainless steel lift assist
- Extruded aluminium channel frame with 25-13mm drain coupler on underside of frame
- 3mm cushion o-ring gasket
- Exterior of frame coated with black primer
- Stainless steel slam lock with removable T-handle and threaded stainless steel plug
- Heavy duty stainless steel lift handle
- 6mm aluminium diamond plate cover

See aluminium hatch options page 14 for additional options.



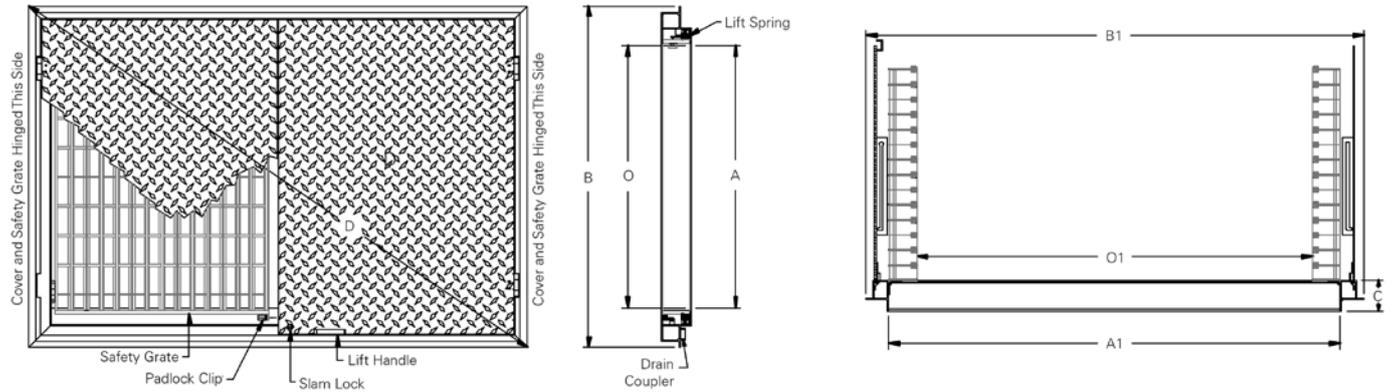
Do not place in wheel line.

Single Grate, Single Cover Style



CHS SERIES WITH SAFE HATCH™ SAFETY GRATE SYSTEM (CONTINUED)
OCCASIONAL TRAFFIC | CLASS C | 150kN

Double Grate, Double Cover Style



CHS Series with SAFE HATCH™ Safety Grate System

Catalog Number	Unobstructed Clear Opening	Dimensions	Dimensions	Height	Diagonal
Aluminium	O x O1	A x A1	B x B1	C	D

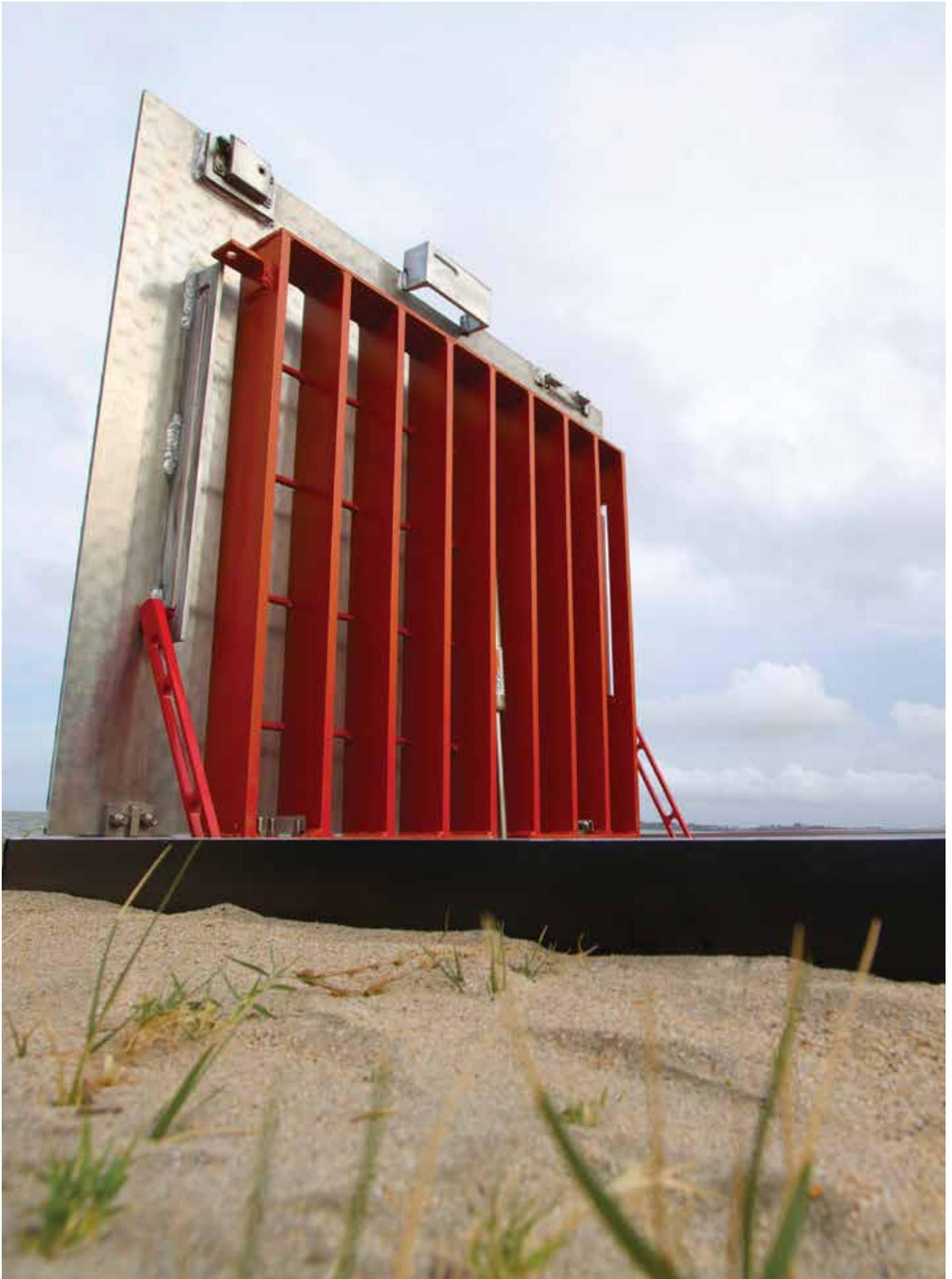
Single Grate, Single Cover Style

H24241896	610 x 610	610 x 610	1030 x 825	140	1320
H24301896	610 x 760	610 x 760	1030 x 980	140	1420
H24361896	610 x 915	610 x 915	1030 x 1130	140	1530
H30301896	760 x 760	760 x 760	1180 x 980	140	1535
H30361896	760 x 915	760 x 915	1180 x 1130	140	1635
H30481896	760 x 1220	760 x 1220	1180 x 1435	140	1860
H36361896	915 x 915	915 x 915	1335 x 1130	140	1750
H36481896	915 x 1220	915 x 1220	1335 x 1435	140	1960
H42421896	1070 x 1070	1070 x 1070	1485 x 1285	140	1965

Double Grate, Single Cover Style

H30481996	760 x 1220	760 x 1475	1130 x 1690	140	2030
H30541996	760 x 1370	760 x 1625	1130 x 1840	140	2160
H36481996	915 x 1220	915 x 1475	1285 x 1690	140	2120
H36601996	915 x 1525	915 x 1780	1285 x 1995	140	2370
H42481996	1070 x 1220	1070 x 1475	1435 x 1690	140	2215
H48481996	1220 x 1220	1220 x 1475	1590 x 1690	140	2320
H48541996	1220 x 1370	1220 x 1625	1590 x 1840	140	2430
H48721996	1220 x 1830	1220 x 2085	1590 x 2300	140	2795
H60601996	1525 x 1525	1525 x 1780	1890 x 1995	140	2750
H48601996	1220 x 1525	1220 x 1780	1590 x 1995	140	2550
H60721996	1525 x 1830	1525 x 2085	1890 x 2300	140	2980

Note: All dimensions are in mm





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