

Universal NI Viewing Window – 316 Stainless Steel

General Purpose Enclosures



- Built for industrial and demanding environments.
- Threaded sockets on the rear of the enclosure to allow mounting feet attached without compromising the IP rating.
- 120° door opening for ease of access to internal systems.
- Conformity, Approvals:
 - CE Mark
 - Lloyds Register #06/10007 (E2)
- Region D wind rated to AS1170.2-2002: Structural design actions
 - Wind actions
- Manufactured from 1.5mm 316 stainless steel.
- N4 surface finish or powdercoated X15 orange.

Comes standard with:

- 2mm steel mounting pan powdercoated white
- Stainless steel lock with 7mm square stainless steel insert (NI020/S)
- Door rails
- Earth strap kit
- Laminated glass viewing window - 5.4mm thickness



ORDERING GUIDE

Dimensions (mm)

Part Number		External			Internal	Mounting Pan		Viewing Window	
		Height (A)	Width (B)	Depth (C)	Usable Depth (D)*	Height (E)	Width (F)	Height	Width
Standard	X15 Orange								
NI04042/S/WG◊^	NI04042/SRO/WG◊^	400	400	200	175	350	350	185	185
NI05042/S/WG◊^	NI05042/SRO/WG◊^	500	400	200	175	450	350	278	185
NI06042/S/WG◊^	NI06042/SRO/WG◊^	600	400	200	175	550	350	378	185
NI05052/S/WG◊^	NI05052/SRO/WG◊^	500	500	200	175	450	450	278	273
NI04062/S/WG◊^	NI04062/SRO/WG◊^	400	600	200	175	350	550	185	373
NI06062/S/WG◊^	NI06062/SRO/WG◊^	600	600	200	175	550	550	378	373
NI08062/S/WG◊^	NI08062/SRO/WG◊^	800	600	200	175	750	550	578	373
NI10062/S/WG◊^	NI10062/SRO/WG◊^	1000	600	200	175	950	550	778	373
NI10082/S/WG◊^	NI10082/SRO/WG◊^	1000	800	200	175	950	750	778	573
NI04043/S/WG◊^	NI04043/SRO/WG◊^	400	400	300	275	350	350	185	185
NI06043/S/WG◊^	NI06043/SRO/WG◊^	600	400	300	275	550	350	378	185
NI04063/S/WG◊^	NI04063/SRO/WG◊^	400	600	300	275	350	550	185	373
NI06063/S/WG◊^	NI06063/SRO/WG◊^	600	600	300	275	550	550	378	373
NI08063/S/WG◊^	NI08063/SRO/WG◊^	800	600	300	275	750	550	578	373
NI10063/S/WG◊^	NI10063/SRO/WG◊^	1000	600	300	275	950	550	778	373
NI08083/S/WG^	NI08083/SRO/WG^	800	800	300	275	750	750	578	573
NI10083/S/WG^	NI10083/SRO/WG^	1000	800	300	275	950	750	778	573
NI12083/S/WG^	NI12083/SRO/WG^	1200	800	300	275	1150	750	978	573

* Mounting pan to inside of door

◊ Includes vertical door rails

^ Includes horizontal and vertical door rails

▲ Available on request



Gland plates and cutouts are not supplied as standard on NI stainless steel enclosures. Please contact your local sales representative to discuss your requirements

Images show the window shape on the smallest size enclosures. Window corner radius is 100mm on all sizes of enclosures.



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ACCESSORIES

Product	Description	Part Number	Dimensions (mm)																										
			Height	Width	Depth	N103021/SWG (SRO)	N103031/SWG (SRO)	N103041/SWG (SRO)	N104031/SWG (SRO)	N104032/SWG (SRO)	N103042/SWG (SRO)	N104042/SWG (SRO)	N105042/SWG (SRO)	N106042/SWG (SRO)	N105052/SWG (SRO)	N104062/SWG (SRO)	N106062/SWG (SRO)	N10062/SWG (SRO)	N110082/SWG (SRO)	N104043/SWG (SRO)	N106043/SWG (SRO)	N106063/SWG (SRO)	N108063/SWG (SRO)	N110063/SWG (SRO)	N108083/SWG (SRO)	N110083/SWG (SRO)	N112083/SWG (SRO)		
Rainhoods	316 stainless steel	NIRH021/S (SRO) [▲]	30	175.6	65	•																							
		NIRH031/S (SRO) [▲]	30	275.6	65		•	•																					
		NIRH032/S (SRO) [▲]	30	275.6	105				•																				
		NIRH041/S [▲] (SRO) [▲]	30	375.6	65			•																					
		NIRH042/S (SRO) [▲]	30	375.6	105					•	•	•	•																
		NIRH043/S (SRO) [▲]	30	375.6	220																	•	•						
		NIRH052/S (SRO) [▲]	30	475.6	105										•														
		NIRH062/S (SRO) [▲]	30	575.6	105											•	•	•	•										
		NIRH063/S (SRO) [▲]	30	575.6	220																		•	•	•	•			
NIRH082/S [▲] (SRO) [▲]	30	775.6	105																		•								
NIRH083/S (SRO) [▲]	30	775.6	220																						•	•	•		
External vent kits	316 stainless steel	IPVK/S	130	130	–	^	^	^	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
		IPVK/SRO [▲]	130	130	–	^	^	^	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
		IPVK16/S [▲]	260	260	–	^	^	^	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
		IPVK16/SRO [▲]	260	260	–	^	^	^	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Wall mounting brackets – Set of 4 316 stainless steel		MEB/S	–	–	–	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
Mounting flange kits	316 stainless steel	MF2/S [▲]	75	200	–	•																							
		MF3/S	75	300	–		•	•	•																				
		MF4/S	75	400	–			•	•	•	•	•																	
		MF5/S [▲]	75	500	–									•															
		MF6/S [▲]	75	600	–										•	•	•	•											
		MF8/S [▲]	75	800	–																					•	•	•	
Mounting Pan		NIMP0302	250	150	–	•																							
		NIMP0303	250	250	–		•																						
		NIMP0403	350	250	–			•	•																				
		NIMP0304	250	350	–			•		•																			
		NIMP0404	350	350	–						•																		
		NIMP0504	450	350	–							•																	
		NIMP0604	550	350	–								•																
		NIMP0505	450	450	–									•															
		NIMP0406	350	550	–										•														
		NIMP0606	550	550	–											•													
		NIMP0806	750	550	–												•												
		NIMP1006	950	550	–													•											
		NIMP0808	750	750	–																						•		
NIMP1008	950	750	–																							•			
NIMP1208	1150	750	–																							•			
Replacement Hinge Kit		NI/H	–	–	–	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		

^ Fits door only
 ▲ Available on request

STANDARD LOCKS



Enclosure	Stl	SS
Universal NI	NI020 – chromed steel with 7mm square insert.	NI020/S – stainless steel lock with 7mm square stainless steel insert.

LOCK OPTIONS

There are a number of additional lock options available that are suitable for use on Universal NI enclosures. Contact your local B&R sales representative to discuss your requirements.

Product	Description	Part Number	Standard Lock/Insert	Alternative insert	Keys	
					Lockable handles	Aluminium, 4-way
Turnbuckle	chromed steel	NI020	7mm square – steel	See below		SKZ
	powdercoated	NI020/PS	7mm square – stainless steel	See below		SKZ
	stainless steel	NI020/S	7mm square – stainless steel	See below		SKZ
		NI028/S	8mm square slotted – stainless steel	See below		SK8
Wing knob	lockable	NI030	Key code 92268		SK3	
	non-lockable	NI111	–			
T-handle	lockable	NI040	Key code 92268		SK3	
L-handle	lockable	NI050	Key code 92268		SK3	
	padlockable – steel	NI052	–			
	padlockable – stainless steel	NI052/S	–			
Dust cap	plastic	NI020/DC	to suit NI020 lock			



Lock Inserts for Locks

The NI020 locks are available with an option lock insert for use on all special purpose enclosures. Contact your local sales engineer to discuss your requirements.

To suit lock style	Description	To suit lock	Standard Insert	3mm double bit pin		8mm square		8mm square slotted	8mm triangle	
				Steel	Stainless Steel	Steel	Stainless Steel	Stainless Steel	Steel	Stainless Steel
Turnbuckle	chromed steel	NI020 or DD020	7mm square – steel	LKINS3P		LKINS8S		LKINS8SS/S		LKINS8T
	powdercoated with SS insert	NI020/PS or DD020/PS	7mm square – stainless steel		LKINS3P/S		LKINS8S/S	LKINS8SS/S		LKINS8T/S
	stainless steel	NI020/S or DD020/PS	7mm square – stainless steel		LKINS3P/S		LKINS8S/S	LKINS8SS/S		LKINS8T/S
Key required – zinc			SKZ	SKZ	SKZ	SKZ	SKZ	SKZ	SKZ	SKZ