

PROINERT® MOUNTING HARDWARE

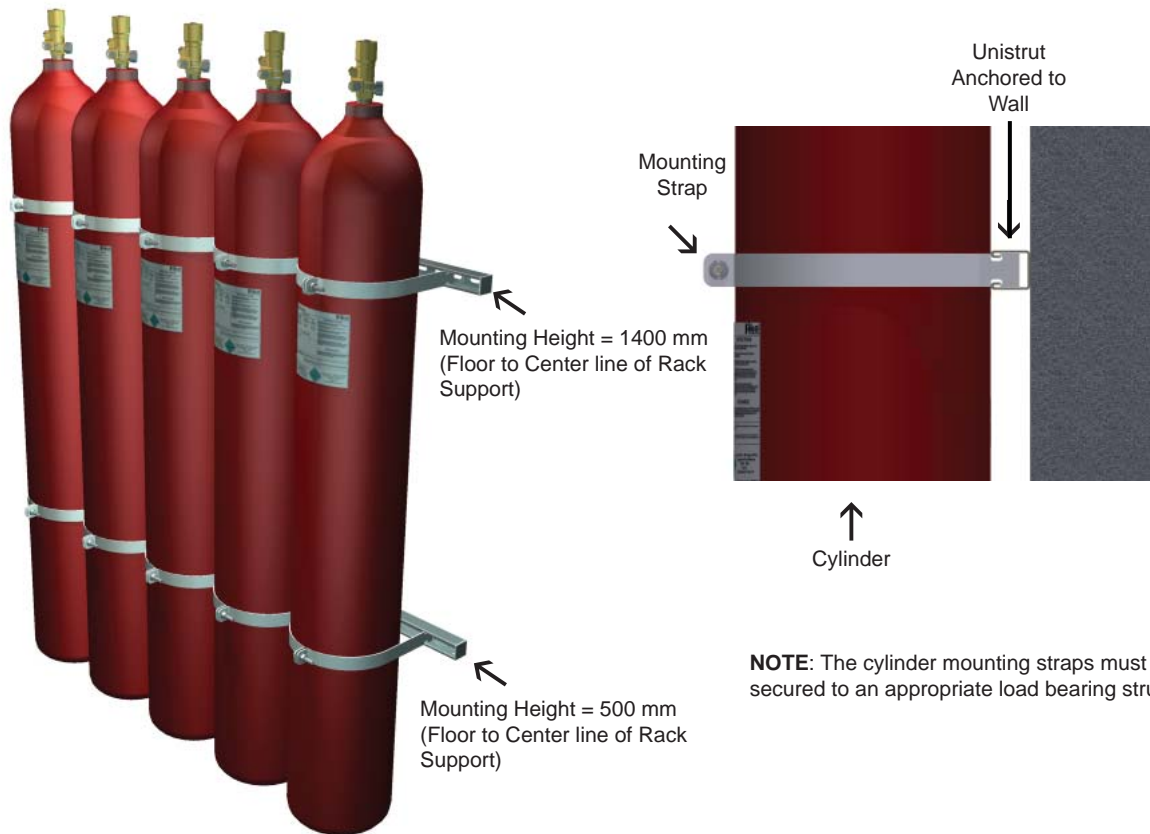
DESCRIPTION

All ProInert cylinders must be adequately mounted and supported to suitable mounting surface. Fike offers a racking system for multi-row configurations to secure the cylinders. The racking consists of the hardware necessary for assembly, including front support, rear support and clamp rods. The various racking options available provide the installer with multiple options for cylinder arrangement. Cylinders may be mounted in Single-Row, Double-Row or Triple-Row configurations.

Single-Row Mounting Configuration

Fike offers single row cylinder mounting kits for configurations of 1 to 5 cylinders. A single-row cylinder rack utilizes the cylinder mounting straps, along with Unistrut backing to secure the cylinders. The assembly part numbers include all the hardware required to secure the cylinders to the rear support.

The Mounting Straps are two-piece units that clip into the Unistrut® Channel on each side of the container and bolt together in front of the container. The installer must provide the fixings necessary to secure the back Unistrut to the mounting structure.



NOTE: The cylinder mounting straps must be secured to an appropriate load bearing structure

**Typical Single - Row Cylinder Rack Assembly
(Assembly IG71-016-005 Shown)**

APPROVAL



Certification
Number 654a

Double-Row Mounting Configuration

Double-row cylinder mounting may be used when it is necessary to have up to 10 cylinders in a single storage rack. A double-row cylinder storage rack utilizes Unistrut and threaded rod to secure the cylinders. The assembly part numbers include all the hardware required to assemble the racking and secure the cylinders. The installer must provide the fixings necessary to secure the rear support Unistrut to the mounting structure.



**Typical Double - Row Cylinder Rack Assembly
(Assembly IG71-016-050 shown)**

Triple-Row Mounting Configuration

Triple-row cylinder mounting may be used when it is necessary to have up to 15 cylinders in a single storage rack. A triple-row cylinder storage rack utilizes Unistrut and threaded rod to secure the cylinders. The assembly part numbers include all the hardware required to assemble the racking and secure the cylinders. The installer must provide the fixings necessary to secure the rear support Unistrut to the mounting structure.



**Typical Triple - Row Cylinder Rack Assembly
(Assembly IG71-016-500 shown)**

Other Mounting Configurations

There will be times when the system will require a number of bottles that does not match any of the configurations above. Because of this Fike make available some other racking options for cylinders. Details for these racking configurations are shown below.

Rack Assembly	Cylinder Arrangement (Cylinder Qty. per Row)			Total Cylinder Count
	Back Row	Middle Row	Front Row	
IG71-016-001	1	-	-	1
IG71-016-002	2	-	-	2
IG71-016-003	3	-	-	3
IG71-016-004	4	-	-	4
IG71-016-005	5	-	-	5
IG71-016-010	1	1	-	2
IG71-016-020	2	2	-	4
IG71-016-030	3	3	-	6
IG71-016-040	4	4	-	8
IG71-016-050	5	5	-	10
IG71-016-200	2	2	2	6
IG71-016-300	3	3	3	9
IG71-016-400	4	4	4	12
IG71-016-500	5	5	5	15
IG71-016-031	4	3	-	7
IG71-016-041	5	4	-	9
IG71-016-110	4	4	3	11
IG71-016-320	5	5	3	13
IG71-016-410	5	5	4	14



**Typical Cylinder Rack Assembly
(Assembly IG71-016-410 shown)**

Cylinder Racking Ordering Format

The part numbering of the racking will provide the necessary information to assist the designer on how to order the racking. The following describes how to read the racking part number sequence.

IG71-0 1 6-X X X

A B C

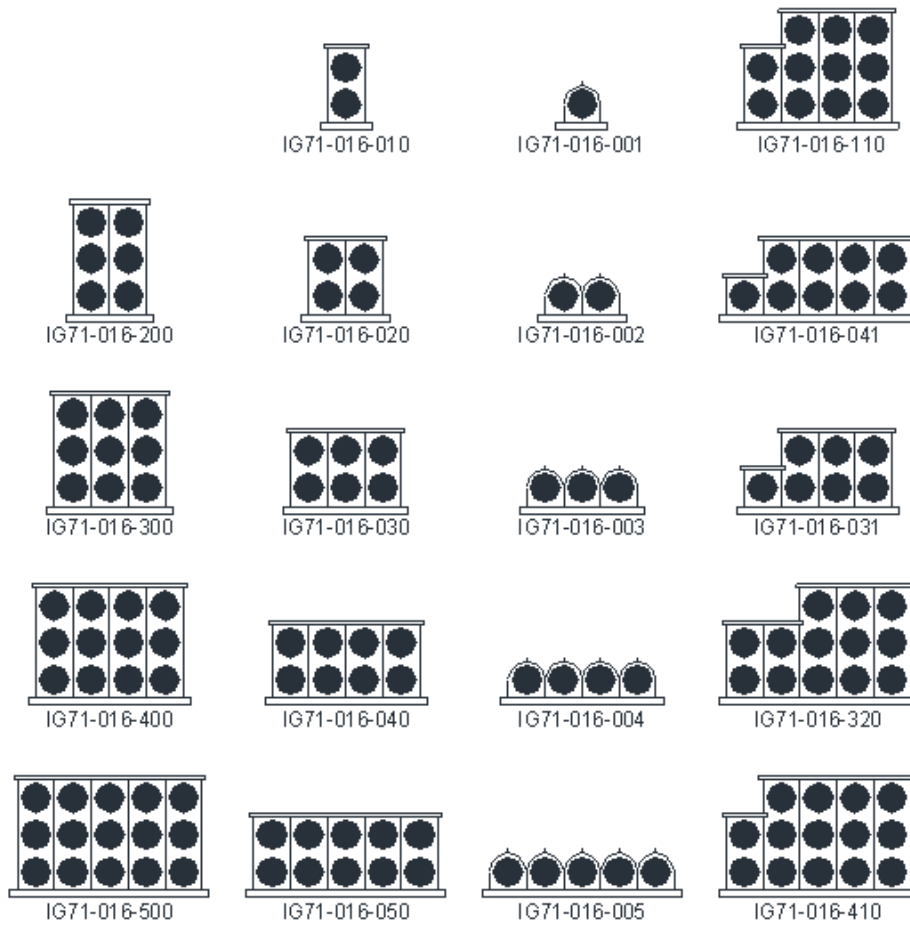
A = The number of triple row cylinders in the rack

B = The number of double row cylinders in the rack

C = The number of single row cylinders in the rack

Cylinder Racking Foot-Print

The diagram below shows the cylinder “foot-print” for the various Racking Assemblies available.



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