

Pipe Hangers

Pipe hangers are used to support a sprinkler piping system from the building structure. Two or more listed components may be required to form a complete hanger. The specific components required depend upon the type of building construction and the pipe size.

ERICO International, Pipe Hangers

Product Designation	Hanger Rod Size, in. (mm)	Component Description	For Nominal Pipe Sizes, in. (mm)	Remarks
1	3/8 (10)	Loop Hanger	3/4 through 4	-
37	3/8 (10)	Eye Socket	3/4 through 4	-
37	1/2 (12)	"	2 1/2 through 8	i
38	3/8 (10)	Offset Eye Socket	3/4 through 4	-
100	3/8 (10)	Adjustable Swivel Hanger	3/4 through 2	-
100	1/2 (12)	"	2 1/2, 3 1/2	-
100	5/8 (16)	"	4, 5	-
100	3/4 (19)	"	6	-
100	7/8 (22)	"	8	-
115	3/8 (10)	Pipe Hanger	3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 3 1/2, 4	EG, HD, FL
115	1/2 (12)	Pipe Hanger	5, 6, 8	EG, HD, FL
115N	3/8 (10)	Pipe Hanger	3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 3 1/2, 4	EG, HD, FL
115N	1/2 (12)	Pipe Hanger	5	EG, HD, FL
130	3/8 (10)	"	3/4 through 4	-
130	1/2 (12)	"	5 through 8	-
135	-	"Yook" Loop	3/4 through 4	d
135CT	-	"	3/4 through 2	e
137	-	"	3/4 through 2	f
280	3/8 (10)	Beam Clamp	3/4 through 4	PL, EG
280	1/2 (12)	Beam Clamp	5 through 8	PL, EG

290	3/8 (10)	Beam Clamp	3/4 through 4	PL, EG
290	1/2 (12)	Beam Clamp	5 through 8	PL, EG
300	3/8 (10)	"	3/4 through 4	PL, EG
300	1/2 (12)	"	3/4 through 8	PL, EG
300M10	(10)	Beam Clamp	(20 through 100)	EG
30011M	(10)	Beam Clamp	(20 through 100)	EG
300M12	(12)	Beam Clamp	(110 through 219)	EG
310	3/8 (10)	"	3/4 through 4	PL, EG
310	1/2 (12)	"	3/4 through 8	PL, EG
310M10	(10)	Beam Clamp	(20 through 100)	EG
31011MM	(10)	Beam Clamp	(20 through 100)	EG
310M12	(12)	Beam Clamp	(110 through 219)	EG
31013MM	(12)	Beam Clamp	(110 through 219)	EG
315	3/8 (10)	Purlin Klif Klamp	3/4 through 4	PL, EG, HD, CG
329	3/8 (10)	Side Beam Attachment	3/4 through 4	EG
400	3/8 (10)	Clevis Hanger	2 1/2 through 4	PL, RO, FL
400	1/2 (12)	"	5, 6, 8	PL, RO, FL
401	3/8 (10)	Clevis Hanger	3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 3 1/2, 4	EG
401	1/2 (12)	Clevis Hanger	5, 6, 8	EG
406	1/2 (12)	Clevis Hanger	2 1/2 through 4	S4, S6
406	5/8 (16)	"	5, 6, 8	S4, S6
420	3/8 (10)	Clevis Hanger	3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 3 1/2, 4	EP
420	1/2 (12)	Clevis Hanger	5, 6, 8	EP
427	3/8 (10)	Clevis Hanger	3/4 through 2	-
427	1/2 (12)	"	2 1/2 and 3	-

427	58 (16)	"	4 and 5	-
427	34 (20)	"	6 and 8	-
Fig. 1	38 (10)	Swivel Pipe Loop	3/4 through 2	c
Fig. 1	38 (10)	"	2 1/2 through 4	c
Fig. 1	1/2 (12)	"	5 through 8	c
58	38 (10)	Steel Side Beam Bracket	4	-
128BTS	38 (10)	Ceiling Plate	3/4 through 2	-
547	38 (10)	Steel Clamp	4	-
548	1/2 (12)	"	8	-
FCS	38 (10)	Loop Hanger	3/4 through 4	-
FCS	1/2 (12)	Loop Hanger	5, 6	-
FCS	58 (16)	Loop Hanger	8	-
EPB Plus	38 (10)	Loop Hanger	3/4 - 4	-
EPB Plus	1/2 (12)	Loop Hanger	5, 6	-
EPB Plus	58 (16)	Loop Hanger	8	-
112	38	Loop Hanger	3/4 through 4	-
112	1/2	Loop Hanger	5, 6 and 8	-
116	38 (10)	Loop Hanger	3/4 through 4	-
116	1/2 (12)	Loop Hanger	5, 6 and 8	-
112M	(10)	Loop Hanger	(20 through 100)	
112M	(12)	Loop Hanger	(110 through 219)	
EPB	38 (10)	Loop Hanger	3/4 - 4 (21 mm - 89 mm)	-
EPB	1/2 (12)	Loop Hanger	5, 6 (114 mm - 139 mm)	-
EPB	58 (16)	Loop Hanger	8 (168 mm - 219 mm)	-
HDN	M10	Heavy Duty Pipe Clamp	3/4, 1, 1 1/4, 1 1/2, 2	-

HDN	M12/M10	Heavy Duty Pipe Clamp	2 ½, 3, 4	-
HDN	M16/M12	Heavy Duty Pipe Clamp	5, 6	-
HDN-HD	M10	Heavy Duty Pipe Clamp	¾, 1, 1 ¼, 1 ½, 2	-
HDN-HD	M12/M10	Heavy Duty Pipe Clamp	2 ½, 3, 4	-
HDN-HD	M16/M12	Heavy Duty Pipe Clamp	5, 6	-
MACROFIX PLUS NI 429	¾ (10)	Clamp Hanger	¾ - 2	-
SBC Beam Clamp	¾ (10)	Beam Clamp	¾ - 4	a, c
CADDY® ROD LOCK L-Bracket	¾ (10)	Right Angle Bracket	¾ - 4	-
MTVB	M10	Toggle	¾, 1, 1 ¼, 1 ½, 2	g
TBHK	¾ (10)	Trapeze Hanger	¾, 1, 1 ¼, 1 ½, 2	g, h
DH	¾ (10)	Drop-in Loop Hanger	1, 1 ¼, 1 ½, 2	

Remarks:

a.) Approved in the bottom mount orientation only.

b.) FM Approved for use in the top and inverted bottom beam positions.

c.) These hanger components are also FM Approved when threaded for use with the nearest equivalent standard metric size hanger rod.

d.) Model 135 "Yook" Loop Hanger using two MCO 43-16 wood screw fasteners in each arm is FM Approved to support ¾ through 4 in. NPS sprinkler system piping.

e.) Model 135CT "Yook" Loop Hanger using two MCO 43-16 wood screw fastener in each arm is FM Approved to support ¾ through 2 in. NPS sprinkler system copper tubing.

f.) Model 137 "Yook" Loop Hanger using one MCO 43-16 wood screw fastener in each arm is FM Approved to support ¾ through 2 in. NPS sprinkler system piping.

g.) These products are FM Approved when used with roof decking a minimum of 0.7 mm thick.

h.) The TBHK is also FM Approved as a TBHKM10 with a welded hex nut and a TBHKAM10 with an insert nut.

i.) The Model 37 is FM Approved for mounting on steel or concrete.

These hanger components are also FM Approved when threaded for use with the nearest equivalent standard metric size hanger rod. The suffix -M appears after the model number.

PL = Plain; **EG** = Electro-Galvanized; **HD** = Hot Dip Galvanized; **CG** = Zinc Chromate; **RO** = Red Oxide Paint; **EP** = Epoxy over Electric Galvanized; **FL** = Felt Lined; **S4** = Grade 304 Stainless Steel; **S6** = Grade 316 Stainless Steel

Company Name:	ERICO International Corporation
Company Address:	34600 Solon Rd, Solon, Ohio 44139, USA
Company Website:	http://erico.com
New/Updated Product Listing:	No
Listing Country:	United States of America
Certification Type:	FM Approved
Primary Class of Work:	1951-Pipe hangers For AS Sys



Certificate of Compliance

This certificate is issued for the following:

<i>Product Designation</i>	<i>Hanger Rod Size, mm</i>	<i>Component Description</i>	<i>For Nominal Pipe Sizes, in.</i>
Caddy TKN M10 P1	10	Beam Clamp	3/4 through 4
†Caddy TKN10 P1	10	"	3/4 through 4
Caddy TKN-M12 P1	12	"	5 through 8
†Caddy TKN12 P1	12	"	5 through 8

†For European jurisdictions that prefer to use clearance holes for the threaded rod and hex jam nuts to secure the rods to the beam clamps.

Prepared for:

Erico, Inc.
34600 Solon Road
Solon, OH 44139

FM Approvals Class: 1951

Approval Identification: 3012257

Approval Granted: April 9, 2002

Said Approval is subject to satisfactory field performance, continuing follow-up Facilities and Procedures Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.

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A handwritten signature in dark ink, appearing to read 'Richard B. Dunne', written over a horizontal line.

Richard B. Dunne
Group Manager – Fire Protection
FM Approvals
1151 Boston-Providence Turnpike
Norwood, MA 02062



Member of the FM Global Group



Certificate of Compliance

Pipe Hanger Components for Automatic Sprinkler Systems

This certificate is issued for the following equipment:

<i>Product Designation</i>	<i>Hanger Rod Size, in. (mm)</i>	<i>Component Description</i>	<i>For Nominal Pipe Sizes, in. (mm)</i>
TK16 M10	10	Beam Clamp	3/4 through 4
TK16 Ø 11	10	"	3/4 through 4
TK16 3/8"	3/8 in.	"	3/4 through 4
TK16 M12	12	"	3/4 through 8
TK16Ø 13	12	"	3/4 through 8
TK16 1/2"	1/2 in.	"	3/4 through 8
TK16 M16	16	"	3/4 through 8
TK16Ø 17	16	"	3/4 through 8
TK16 5/8"	5/8 in.	"	3/4 through 8

Approved for: Erico, BV
Jules Verneweg 75 NL – 5015 BG
Tilburg, Netherlands

FM Approvals confirms that the items have been found to comply with the following standard:

FM Approvals Standard 1951

Project Identifier: 3023909 Date of Approval: September 15, 2005



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A handwritten signature in black ink, appearing to read 'Richard B. Dunne'.

Richard B. Dunne, Manager, Hydraulics Group

August 3, 2009
Date



Certificate of Compliance

This certificate is issued for the following equipment:

Product Designation	Hanger Rod Size, in. (mm)	Component Description	For Nominal Pipe Sizes, in.
CRLA37EG	3/8	Threaded Head Screw for use in concrete	3/4 through 4
CRLAM10EG	M10	Threaded Head Screw for use in concrete	3/4 through 4
390010	M10	Threaded Head Screw for use in concrete	3/4 through 4

Approved For:

Erico International Corporation
34600 Solon Road
Solon, Ohio 44139

FM Approvals Standard 1951:

Pipe Hanger Components for Automatic Sprinkler Systems, dated Sept., 2003

Approval Identification: PI 3035985

Approval Granted: January 5, 2010

Said Approval is subject to satisfactory field performance, continuing follow-up Facilities and Procedures Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.

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Richard B. Dunne
Manager Hydraulics Group
FM Approvals
1151 Boston-Providence Turnpike
Norwood, MA 02062

January 5, 2010



Certificate of Compliance

This certificate is issued for the following:

PIPE HANGERS AND CONCRETE INSERTS

Prepared for:

ERICO International Corp
34600 Solon Rd
Solon, OH 44139
United States

FM Approvals Class: 1951

Approval Identification: 0003048556

Approval Granted: August 5, 2013

To verify the availability of the Approved product, please refer to www.approvalguide.com

Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.

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Group Manager - Fire Protection
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Certificate of Compliance

PIPE HANGERS

Product Designation	Hanger Rod Size, in. (mm)	Component Description	For Nominal Pipe Sizes, in. (mm)	Remarks
CRLB CADDY® ROD LOCK Beam Clamp	1/2 (12)	Beam Clamp	5 - 8	a, c

Remarks:

- a.) Approved in the bottom mount orientation only.
 - b.) FM Approved for use in the top and inverted bottom beam positions.
 - c.) These hanger components are also FM Approved when threaded for use with the nearest equivalent standard metric size hanger rod.
 - d.) Model 135 "Yook" Loop Hanger using two MCO 43-16 wood screw fasteners in each arm is FM Approved to support 3/4 through 4 in. NPS sprinkler system piping.
 - e.) Model 135CT "Yook" Loop Hanger using two MCO 43-16 wood screw fastener in each arm is FM Approved to support 3/4 through 2 in. NPS sprinkler system copper tubing.
 - f.) Model 137 "Yook" Loop Hanger using one MCO 43-16 wood screw fastener in each arm is FM Approved to support 3/4 through 2 in. NPS sprinkler system piping.
- These hanger components are also FM Approved when threaded for use with the nearest equivalent standard metric size hanger rod. The suffix -M appears after the model number.

PL = Plain; **EG** = Electro-Galvanized; **HD** = Hot Dip Galvanized; **CG** = Zinc Chromate; **RO** = Red Oxide Paint; **EP** = Epoxy over Electric Galvanized; **FL** = Felt Lined; **S4** = Grade 304 Stainless Steel; **S6** - Grade 316 Stainless Steel



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CONCRETE INSERTS

<i>Product Designation</i>	<i>Hanger Rod Size, in. (mm)</i>	<i>Component Description</i>	<i>For Nominal Pipe Sizes, in.</i>	<i>Remarks</i>
Model 355	3/8 (10)	Concrete Insert with Model 355N nut	3/4 - 4	
Model 355	1/2 (12)	Concrete Insert with Model 355N nut	5 - 8	
Model 355	5/8 (16)	Concrete Insert with Model 355N nut	10,12	
Model 355	3/4 (19)	Concrete Insert with Model 355N nut	10, 12	
CRLW CADDY® ROD LOCK Plywood Pre-Set Anchor	3/8 (10)	Concrete Insert	3/4 - 4	
CRLW CADDY® ROD LOCK Plywood Pre-Set Anchor	1/2 (12)	Concrete Insert	5 - 8	
CRLM CADDY® ROD LOCK Metal Decking Pre-Set Anchor	3/8 (10)	Concrete Insert	3/4 - 4	
CRLM CADDY® ROD LOCK Metal Decking Pre-Set Anchor	1/2 (12)	Concrete Insert	5 - 8	



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Certificate of Compliance

This certificate is issued for the following:

Pipe Hanger Components for Automatic Sprinkler Systems

<i>Product Designation</i>	<i>Hanger Rod Size, in. (mm)</i>	<i>Component Description</i>	<i>For Nominal Pipe Sizes, in. (mm)</i>
FCS	3/8 (10)	Loop Hanger	3/4 through 4
FCS	1/2 (12)	Loop Hanger	5, 6
FCS	5/8 (16)	Loop Hanger	8

Prepared for:

ERICO International Corp.
34600 Solon Rd.
Solon, OH 44139
United States

FM Approvals Class: 1951

Approval Identification: 0003058775 Approval Granted: October 10, 2016

To verify the availability of the Approved product, please refer to www.approvalguide.com

Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.

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David Fuller
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