

SUBMITTAL RECORD

JOB _____
 LOCATION _____
 SUBMITTED TO _____
 SUBMITTAL PREPARED BY _____
 APPROVED BY _____
 DATE _____

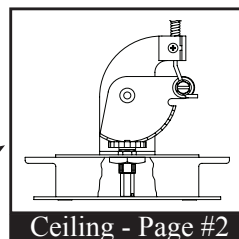
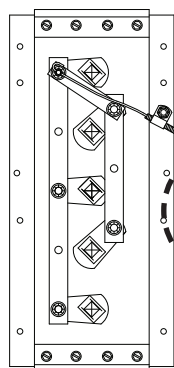
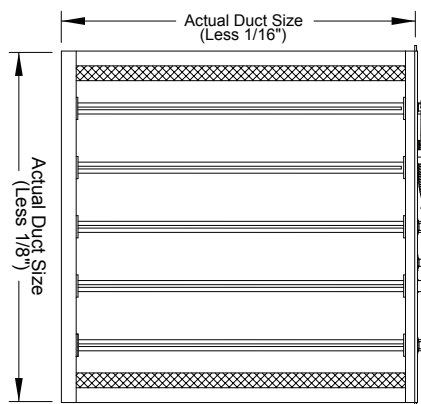


Submittal Form

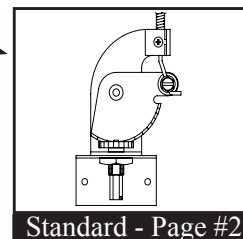
Rectangular External Gear Driven Cable Operated Damper

DESCRIPTION:

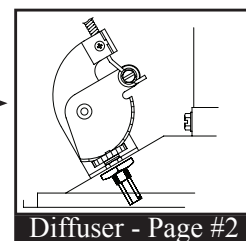
Duct systems are designed to supply a specific volume of air to a space. However, air volume adjustment is typically required to achieve design CFM. Installation of a gear driven cable operated balancing damper allows the balancing contractor a convenient way to adjust air volume from a more accessible location. The cable operated damper is mounted upstream of the air device. The adjustment cable is routed to an appropriate area such as a wall mount. The gear actuator at the end of the adjustment cable features a hex head so adjustments can be made easily with a 1/4" standard nut driver or medium standard flat screw driver.



Ceiling - Page #2



Standard - Page #2



Diffuser - Page #2

Damper Specifications			
Damper Component	Material	Width	Depth
Frame	Extruded Aluminum	4-1/16"	1/2"
Face Plate	Extruded Aluminum	5-9/16" (includes two 3/4" flanges)	5/16"
Blade	Extruded Aluminum	2-3/4"	3/32"
Gasket (on even heights only)	Vinyl Nitrile	3/4"	1/2"
Bushings for blades are nylon 5/8" outside diameter with a 3/8" square hole			
All blade linkage is 16 gage galvanized steel. Damper Blades are 22 gage galvanized steel.			
Cable Specifications			
Case O.D.	Case I.D.	Casing Material	Solid Core Wire Size
.187	.080	Galvanized Steel	.055 Stainless Steel

Gear drive cable operated dampers from Duro Dyne are sold completely assembled with a manufacturer installed cable.

SUGGESTED SPECIFICATIONS:

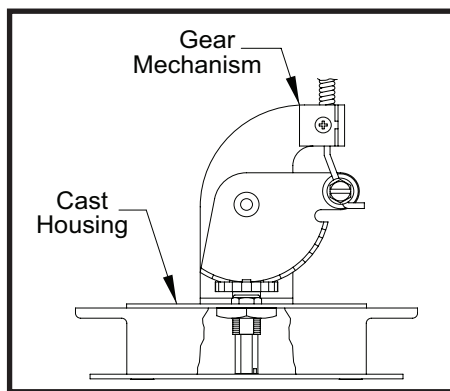
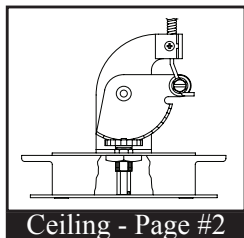
Rectangular External Gear Driven Cable Operated Dampers shall be Duro Dyne Brand type dampers. Dampers shall be manufactured of G60 or better galvanized steel. Cable case shall be galvanized steel, solid core control wire shall be stainless steel, and manufacturer installed. Installation shall be as described in the Duro Dyne gear driven cable operated damper instructions. Sizes and locations shall be as indicated on the mechanical drawings.

Duro Dyne Corporate Headquarters, Bay Shore, NY
 631-249-9000 • Fax: 631-249-8346
 Duro Dyne Midwest • Duro Dyne West • Duro Dyne Canada
 www.durodyne.com • E-mail: durodyne@durodyne.com

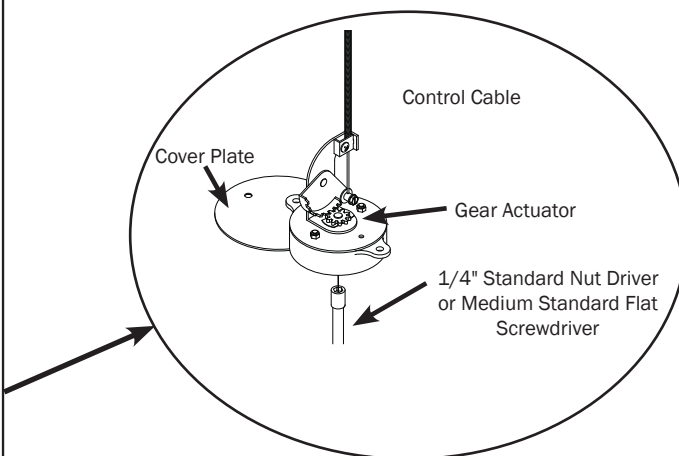
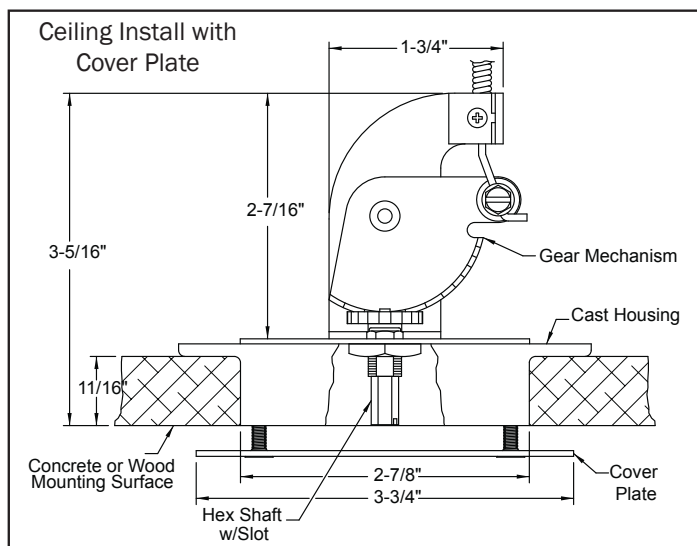
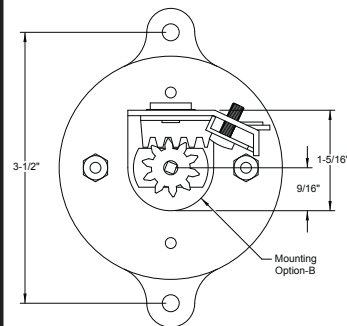
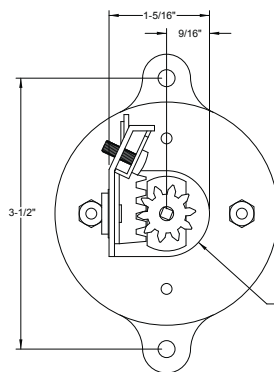


Printed in USA 10/2022
 BO040009

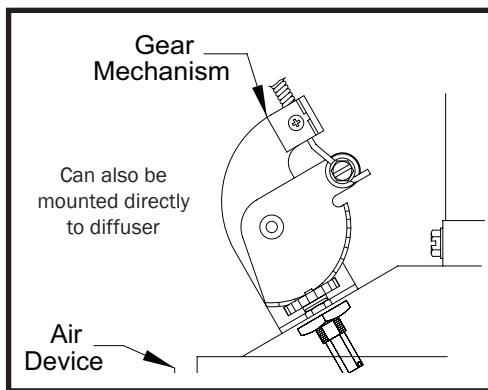
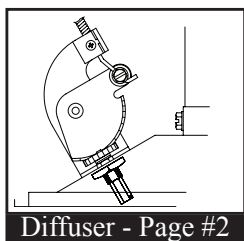
Mounting with a Cast Housing (Housing Sold Separately)



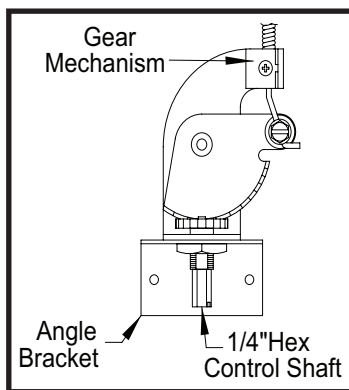
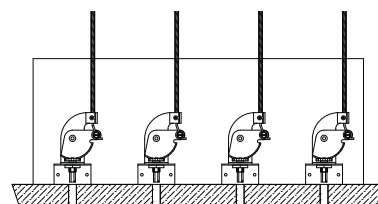
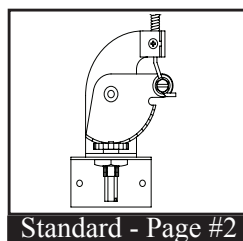
MOUNTING OPTIONS:



Mounting to a Ceiling Diffuser



Standard Mounting



Standard Mounting utilizes the angle bracket on the purchased damper. A balancing station can be created and adjusted using a 1/4" Standard Nut Driver or Medium Standard Flat Screwdriver. For a more detailed standard application drawing, see page #3 of GXCODR (Round External Gear Driven Cable Operated Damper) submittal.

Duro Dyne Corporate Headquarters, Bay Shore, NY

631-249-9000 • Fax: 631-249-8346

Duro Dyne Midwest • Duro Dyne West • Duro Dyne Canada

www.durodyne.com • E-mail: durodyne@durodyne.com

**DURO
DYNE**

Printed in USA 10/2022
BO040009



Submittal Form **Rectangular External** **Gear Driven** **Cable Operated Damper**

ORDERING INFORMATION - EXTERNAL CABLE

Description	3 foot Cable		5 foot Cable		8 foot Cable		10 foot Cable		15 foot Cable	
	Item #	Code	Item #	Code	Item #	Code	Item #	Code	Item #	Code
8x4 Rectangular Cab Op Damper	58001	GXCODS080403	58002	GXCODS080405	58003	GXCODS080408	58004	GXCODS080410	58005	GXCODS080415
10x4 Rectangular Cab Op Damper	58006	GXCODS100403	58007	GXCODS100405	58008	GXCODS100408	58009	GXCODS100410	58010	GXCODS100415
12x4 Rectangular Cab Op Damper	58011	GXCODS120403	58012	GXCODS120405	58013	GXCODS120408	58014	GXCODS120410	58015	GXCODS120415
14x4 Rectangular Cab Op Damper	58016	GXCODS140403	58017	GXCODS140405	58018	GXCODS140408	58019	GXCODS140410	58020	GXCODS140415
6x6 Rectangular Cab Op Damper	58021	GXCODS060603	58022	GXCODS060605	58023	GXCODS060608	58024	GXCODS060610	58025	GXCODS060615
8x6 Rectangular Cab Op Damper	58026	GXCODS080603	58027	GXCODS080605	58028	GXCODS080608	58029	GXCODS080610	58030	GXCODS080615
10x6 Rectangular Cab Op Damper	58031	GXCODS100603	58032	GXCODS100605	58033	GXCODS100608	58034	GXCODS100610	58035	GXCODS100615
12x6 Rectangular Cab Op Damper	58036	GXCODS120603	58037	GXCODS120605	58038	GXCODS120608	58039	GXCODS120610	58040	GXCODS120615
14x6 Rectangular Cab Op Damper	58041	GXCODS140603	58042	GXCODS140605	58043	GXCODS140608	58044	GXCODS140610	58045	GXCODS140615
16x6 Rectangular Cab Op Damper	58046	GXCODS160603	58047	GXCODS160605	58048	GXCODS160608	58049	GXCODS160610	58050	GXCODS160615
18x6 Rectangular Cab Op Damper	58051	GXCODS180603	58052	GXCODS180605	58053	GXCODS180608	58054	GXCODS180610	58055	GXCODS180615
20x6 Rectangular Cab Op Damper	58056	GXCODS200603	58057	GXCODS200605	58058	GXCODS200608	58059	GXCODS200610	58060	GXCODS200615
22x6 Rectangular Cab Op Damper	58061	GXCODS220603	58062	GXCODS220605	58063	GXCODS220608	58064	GXCODS220610	58065	GXCODS220615
24x6 Rectangular Cab Op Damper	58066	GXCODS240603	58067	GXCODS240605	58068	GXCODS240608	58069	GXCODS240610	58070	GXCODS240615
8x8 Rectangular Cab Op Damper	58071	GXCODS080803	58072	GXCODS080805	58073	GXCODS080808	58074	GXCODS080810	58075	GXCODS080815
10x8 Rectangular Cab Op Damper	58076	GXCODS100803	58077	GXCODS100805	58078	GXCODS100808	58079	GXCODS100810	58080	GXCODS100815
12x8 Rectangular Cab Op Damper	58081	GXCODS120803	58082	GXCODS120805	58083	GXCODS120808	58084	GXCODS120810	58085	GXCODS120815
14x8 Rectangular Cab Op Damper	58086	GXCODS140803	58087	GXCODS140805	58088	GXCODS140808	58089	GXCODS140810	58090	GXCODS140815
16x8 Rectangular Cab Op Damper	58091	GXCODS160803	58092	GXCODS160805	58093	GXCODS160808	58094	GXCODS160810	58095	GXCODS160815
18x8 Rectangular Cab Op Damper	58096	GXCODS180803	58097	GXCODS180805	58098	GXCODS180808	58099	GXCODS180810	58100	GXCODS180815
20x8 Rectangular Cab Op Damper	58101	GXCODS200803	58102	GXCODS200805	58103	GXCODS200808	58104	GXCODS200810	58105	GXCODS200815
22x8 Rectangular Cab Op Damper	58106	GXCODS220803	58107	GXCODS220805	58108	GXCODS220808	58109	GXCODS220810	58110	GXCODS220815
24x8 Rectangular Cab Op Damper	58111	GXCODS240803	58112	GXCODS240805	58113	GXCODS240808	58114	GXCODS240810	58115	GXCODS240815
10x10 Rectangular Cab Op Damper	58116	GXCODS101003	58117	GXCODS101005	58118	GXCODS101008	58119	GXCODS101010	58120	GXCODS101015
12x10 Rectangular Cab Op Damper	58121	GXCODS121003	58122	GXCODS121005	58123	GXCODS121008	58124	GXCODS121010	58125	GXCODS121015
14x10 Rectangular Cab Op Damper	58126	GXCODS141003	58127	GXCODS141005	58128	GXCODS141008	58129	GXCODS141010	58130	GXCODS141015
16x10 Rectangular Cab Op Damper	58131	GXCODS161003	58132	GXCODS161005	58133	GXCODS161008	58134	GXCODS161010	58135	GXCODS161015
18x10 Rectangular Cab Op Damper	58136	GXCODS181003	58137	GXCODS181005	58138	GXCODS181008	58139	GXCODS181010	58140	GXCODS181015
20x10 Rectangular Cab Op Damper	58141	GXCODS201003	58142	GXCODS201005	58143	GXCODS201008	58144	GXCODS201010	58145	GXCODS201015
22x10 Rectangular Cab Op Damper	58146	GXCODS221003	58147	GXCODS221005	58148	GXCODS221008	58149	GXCODS221010	58150	GXCODS221015
24x10 Rectangular Cab Op Damper	58151	GXCODS241003	58152	GXCODS241005	58153	GXCODS241008	58154	GXCODS241010	58155	GXCODS241015
12x12 Rectangular Cab Op Damper	58156	GXCODS121203	58157	GXCODS121205	58158	GXCODS121208	58159	GXCODS121210	58160	GXCODS121215
14x12 Rectangular Cab Op Damper	58161	GXCODS141203	58162	GXCODS141205	58163	GXCODS141208	58164	GXCODS141210	58165	GXCODS141215
16x12 Rectangular Cab Op Damper	58166	GXCODS161203	58167	GXCODS161205	58168	GXCODS161208	58169	GXCODS161210	58170	GXCODS161215
18x12 Rectangular Cab Op Damper	58171	GXCODS181203	58172	GXCODS181205	58173	GXCODS181208	58174	GXCODS181210	58175	GXCODS181215
20x12 Rectangular Cab Op Damper	58176	GXCODS201203	58177	GXCODS201205	58178	GXCODS201208	58179	GXCODS201210	58180	GXCODS201215
22x12 Rectangular Cab Op Damper	58181	GXCODS221203	58182	GXCODS221205	58183	GXCODS221208	58184	GXCODS221210	58185	GXCODS221215
24x12 Rectangular Cab Op Damper	58186	GXCODS241203	58187	GXCODS241205	58188	GXCODS241208	58189	GXCODS241210	58190	GXCODS241215



Submittal Form

Rectangular External Gear Driven Cable Operated Damper

ORDERING INFORMATION - EXTERNAL CABLE (CONTINUED)

Description	3 foot Cable		5 foot Cable		8 foot Cable		10 foot Cable		15 foot Cable	
	Item #	Code	Item #	Code	Item #	Code	Item #	Code	Item #	Code
14x14 Rectangular Cab Op Damper	58191	GXCODS141403	58192	GXCODS141405	58193	GXCODS141408	58194	GXCODS141410	58195	GXCODS141415
16x14 Rectangular Cab Op Damper	58196	GXCODS161403	58197	GXCODS161405	58198	GXCODS161408	58199	GXCODS161410	58200	GXCODS161415
18x14 Rectangular Cab Op Damper	58201	GXCODS181403	58202	GXCODS181405	58203	GXCODS181408	58204	GXCODS181410	58205	GXCODS181415
20x14 Rectangular Cab Op Damper	58206	GXCODS201403	58207	GXCODS201405	58208	GXCODS201408	58209	GXCODS201410	58210	GXCODS201415
22x14 Rectangular Cab Op Damper	58211	GXCODS221403	58212	GXCODS221405	58213	GXCODS221408	58214	GXCODS221410	58215	GXCODS221415
24x14 Rectangular Cab Op Damper	58216	GXCODS241403	58217	GXCODS241405	58218	GXCODS241408	58219	GXCODS241410	58220	GXCODS241415
16x16 Rectangular Cab Op Damper	58221	GXCODS161603	58222	GXCODS161605	58223	GXCODS161608	58224	GXCODS161610	58225	GXCODS161615
18x16 Rectangular Cab Op Damper	58226	GXCODS181603	58227	GXCODS181605	58228	GXCODS181608	58229	GXCODS181610	58230	GXCODS181615
20x16 Rectangular Cab Op Damper	58231	GXCODS201603	58232	GXCODS201605	58233	GXCODS201608	58234	GXCODS201610	58235	GXCODS201615
22x16 Rectangular Cab Op Damper	58236	GXCODS221603	58237	GXCODS221605	58238	GXCODS221608	58239	GXCODS221610	58240	GXCODS221615
24x16 Rectangular Cab Op Damper	58241	GXCODS241603	58242	GXCODS241605	58243	GXCODS241608	58244	GXCODS241610	58245	GXCODS241615
18x18 Rectangular Cab Op Damper	58246	GXCODS181803	58247	GXCODS181805	58248	GXCODS181808	58249	GXCODS181810	58250	GXCODS181815
20x18 Rectangular Cab Op Damper	58251	GXCODS201803	58252	GXCODS201805	58253	GXCODS201808	58254	GXCODS201810	58255	GXCODS201815
22x18 Rectangular Cab Op Damper	58256	GXCODS221803	58257	GXCODS221805	58258	GXCODS221808	58259	GXCODS221810	58260	GXCODS221815
24x18 Rectangular Cab Op Damper	58261	GXCODS241803	58262	GXCODS241805	58263	GXCODS241808	58264	GXCODS241810	58265	GXCODS241815
20x20 Rectangular Cab Op Damper	58266	GXCODS202003	58267	GXCODS202005	58268	GXCODS202008	58269	GXCODS202010	58270	GXCODS202015
22x20 Rectangular Cab Op Damper	58271	GXCODS222003	58272	GXCODS222005	58273	GXCODS222008	58274	GXCODS222010	58275	GXCODS222015
24x20 Rectangular Cab Op Damper	58276	GXCODS242003	58277	GXCODS242005	58278	GXCODS242008	58279	GXCODS242010	58280	GXCODS242015
22x22 Rectangular Cab Op Damper	58281	GXCODS222203	58282	GXCODS222205	58283	GXCODS222208	58284	GXCODS222210	58285	GXCODS222215
24x22 Rectangular Cab Op Damper	58286	GXCODS242203	58287	GXCODS242205	58288	GXCODS242208	58289	GXCODS242210	58290	GXCODS242215
24x24 Rectangular Cab Op Damper	58291	GXCODS242403	58292	GXCODS242405	58293	GXCODS242408	58294	GXCODS242410	58295	GXCODS242415