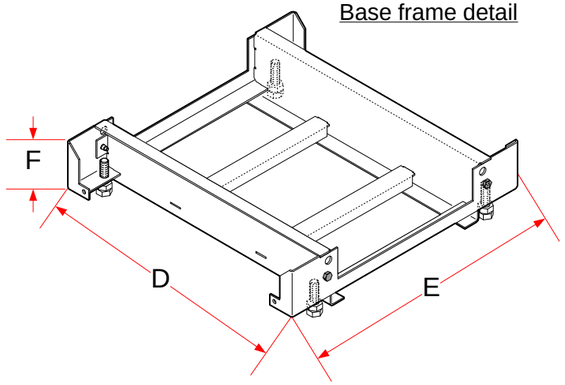
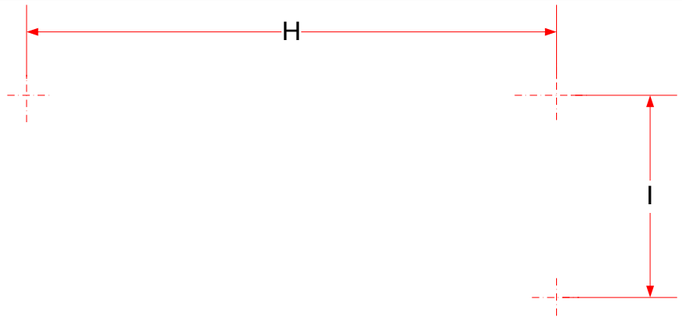
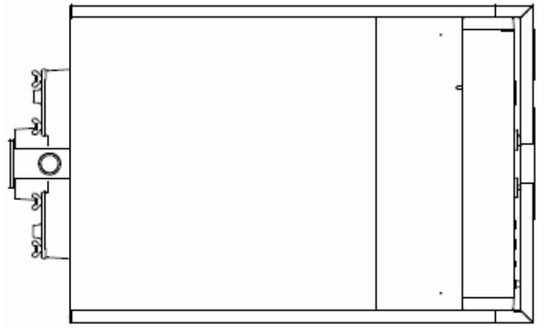
Base frame detail



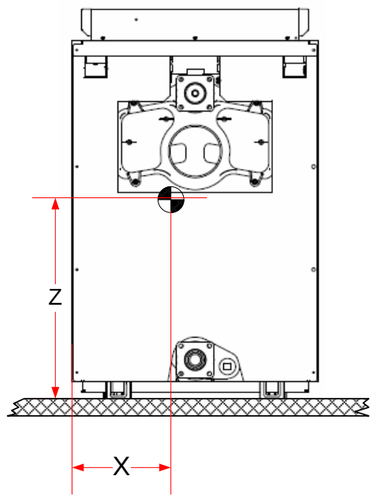


Base frame support points

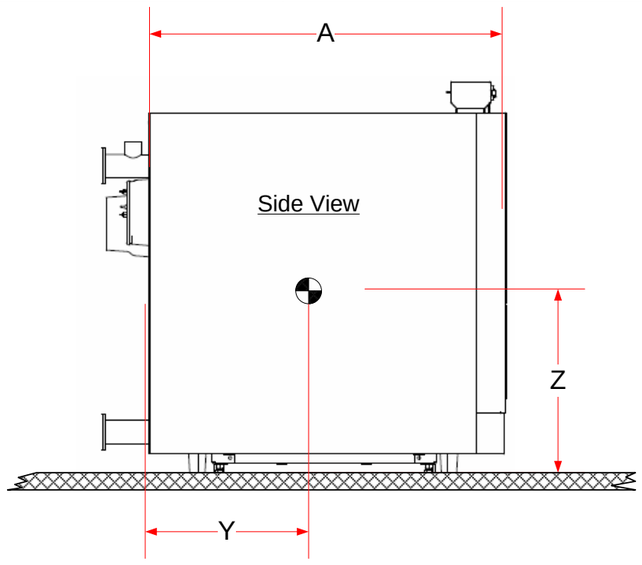


Plan View

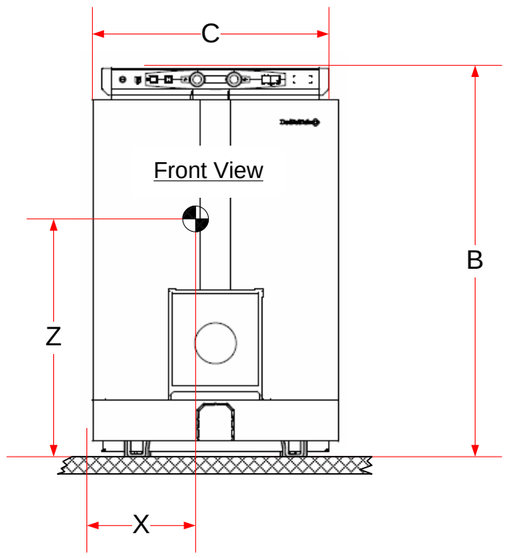
Rear View



Side View

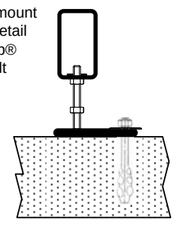


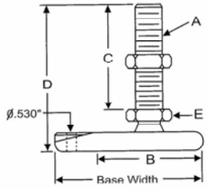
Front View



Boiler floor anchoring and leveling system [x4] replaces existing base frame (boiler) leveling bolts & Unisorb® vector anchor bolts [x4]

Teardrop ploymount – mounting detail with Unisorb® anchor bolt

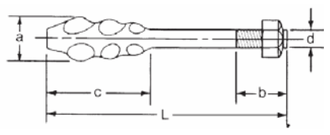




Teardrop Ploymount ™ MTNYLB44
Material Steel
Thread (A): M12 (0.47 In) ref.
Base Diameter (B):100 mm (3.93 In) ref.
Base Width: 138 mm (0.51 In) ref.
Thread Length (C): 102 mm (4.01 In) ref.
Total Height (D): 135 mm (5.31 In) ref.
Hex Size (E): 20 mm
Max. Load Capacity: 2270 lbs (1029.6 kg)
Weight: 0.6 lbs (0.27 kg)

Patent # US 6,742,750 B2
The base on this PolyMount™ makes it easier to drill for and install a lag bolt. The teardrop shape offsets the single lag hole to the outside of the boiler footprint. This offset provides the clearance necessary to drill the lag bolt hole without moving the machine. Use up to a 1/2" diameter lag bolt.

Anchor bolt [x4]



Unisorb® Vector Anchor bolt EM-12
Material: Forged Steel

A (anchor dia.) 24mm (1 In) ref.
B (Bolt thread length) 30mm (1 3/16") ref
C (anchor length): 70mm (2 ¾") ref.
D (thread dia.) M12 (0.47 In) ref.
L (overall length) 150mm (6 In) ref.
W Hex nut:19mm (¾") ref.

Boiler Model	GT 334A		GT 335A		GT 336A		GT 337A		GT 338A		GT 339A	
	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm
A - Overall length	19.28	489.7	25.59	650	31.88	809.8	38.19	970	44.48	1130	50.78	1290
B - Overall Height	46.92	796.1	46.92	1192	46.92	1192	46.92	1192	46.92	1192	46.92	1192
C - Overall Width	31.34	1192	31.34	796	31.34	796	31.34	796	31.34	796	31.34	796
D - Base frame length		0		0		0		0		0		0
E - Base frame width		0		0		0		0		0		0
F - Base frame height		0		0		0		0		0		0
G - Frame anchoring Center (length)		0		0		0		0		0		0
H - Frame achoring center (width)		0		0		0		0		0		0
Y - Center of Gravity (length)	8.115	206.1	10.75	273	13.33	338.6	15.95	405.2	18.56	471.4	21.15	537.3
X - Center of Gravity (Width)	13.19	335.1	13.16	334.4	13.11	332.9	13.09	332.6	13.08	332.2	13.06	331.6
Z - Center of Gravity (Height)	30.38	771.7	30.32	770.1	30.19	766.7	30.16	766	30.12	765	30.07	763.8
	Gallon	Liter	Gallon	Liter	Gallon	Liter	Gallon	Liter	Gallon	Liter	Gallon	Liter
Boiler Water Content	25.37	96	30.65	116	35.94	136	41.22	156	46.51	176	51.8	196
	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg
DryWeight	1124	509.8	1340	607.8	1530	694	1744	791.1	1953	885.9	2154	977
Operating weight*	1335	605.7	1595	723.6	1829	829.8	2087	946.8	2340	1062	2585	1173

* Operating weight based on water 8.33 lbs per gallon @ 60°F
Consult manual or main diemension drawings for other boiler dimensions

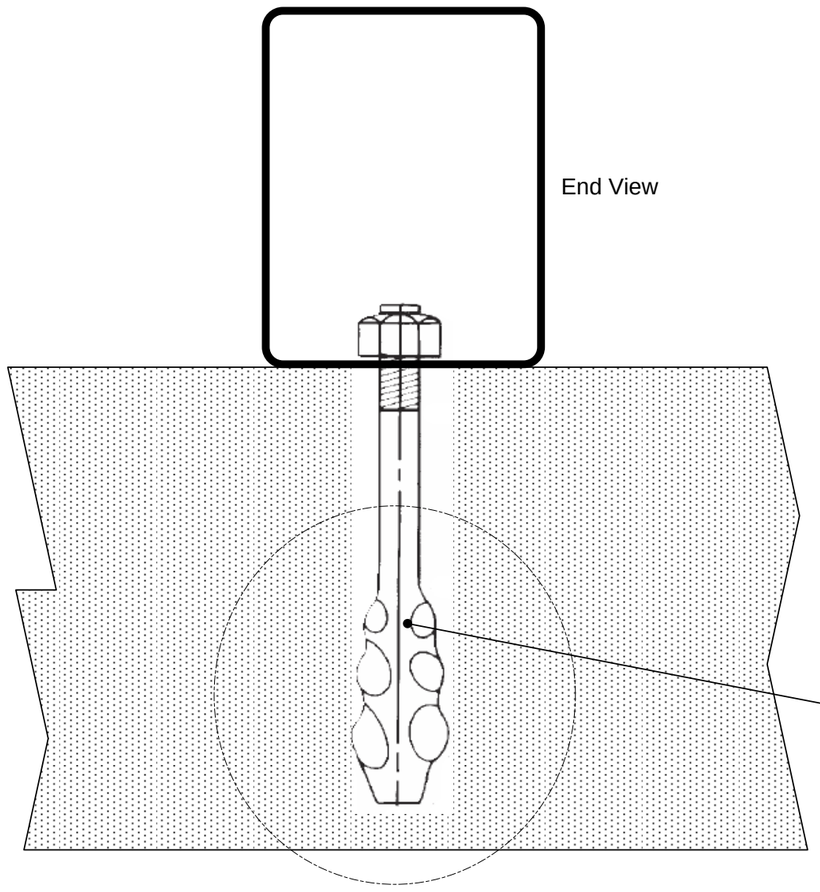
Drawing Template [0]

De Dietrich BOILERS
DDR Americas Inc.
1090 Fountain Street North, Unit 10 & 11
Cambridge, Ontario N3E 1A3 – Canada
Tel: 1.800.943.6275 Fax: 519.650.1709
Website: www.dedietrichboilers.com

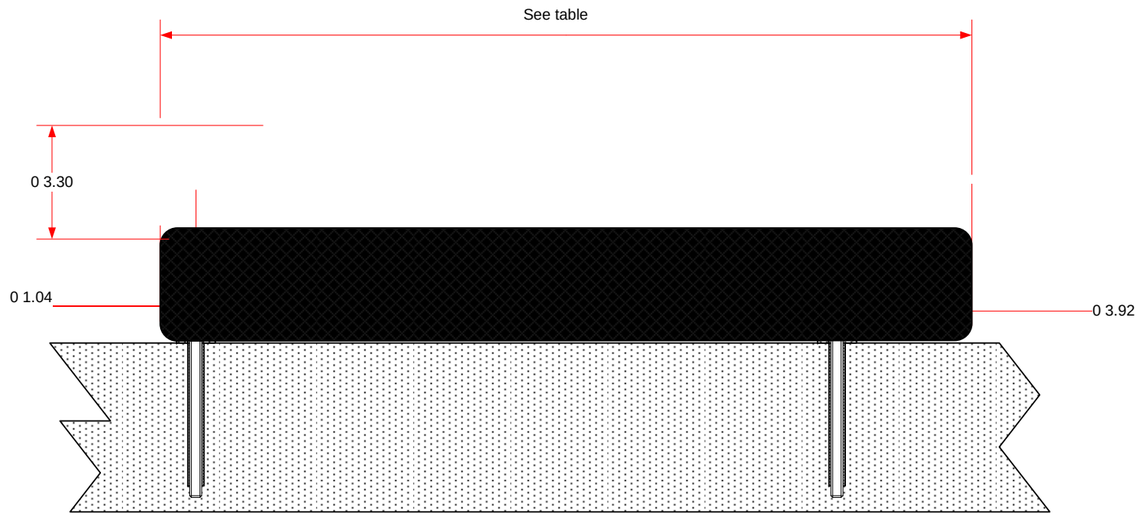
Revisions		
Date	Description	Initial

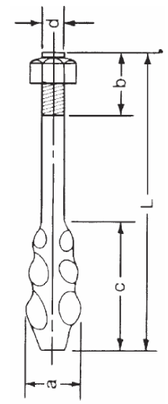
Description	De Dietrich GT 330A Series boiler – Center of gravity dimensions and boiler anchoring points for seismic zoning				
Creator	CJH	Tolerances ±		Material	Mixed (cast Iron & steel)
Approved		Scale	3 in = 1 ft.	File Name	9-330-COG-001(a)
Revision	0	Units		Date [mm/dd/yy]	06/16/09

Boiler base frame anchoring system
Unisorb® vector anchor bolts [x4]



Side view frame
mounting support view





Unisorb® anchor bolt

Unisorb® Vector Anchor bolt EM-12
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Anchor bolt [x4]

Drawing Template [0]

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Website: www.dedietrichboilers.com

Revisions		
Date	Description	Initial

Description	De Dietrich GT 330A Series boiler – Boiler legs and anchor bolt details for seismic zoning				
Creator	CJH	Tolerances ±		Material	Mixed (cast aluminum, steel)
Approved		Scale	3 in = 1 ft.	File Name	9-310-COG-001(b)
Revision	0	Units		Date [mm/dd/yy]	06/16/09