

## Fixing Brackets

The bracket assembly consists of one back channel and a nut and bolt with two bracket half straps. To securely hold the container in position during the system discharge, two bracket assemblies are required per container. The only exceptions are the 4.5 and 8 litre containers which only require one.

Each strap is notched for insertion into the back channel allowing the container to be properly aligned. The bracket assembly is designed to be mounted to a rigid vertical surface with the container assembly resting fully on the floor.

Figure 9 - Fixing Bracket (Strap Style)



### Technical Information

Material:	Mild Steel
Coating:	Black Polyethylene powder-Plascoat LDPE
Mounting:	Unistrut Channel
Weight:	0.34 kg (0.75 lbs) (Part No. 311.205.020)
	0.30 kg (0.66 lbs) (Part No. 311.205.013)
	0.46 kg (1.01 lbs) (Part No. 311.205.014)
	0.28 kg (0.62 lbs) (Part No. 311.205.021)
	0.30 kg (0.66 lbs) (Part No. 311.205.017)
	0.34 kg (0.75 lbs) (Part No. 311.205.018)
	0.71 kg (1.56 lbs) (Part No. 311.205.019)

Part Number	Container Size	Length of Back Channel mm (in)
311.205.020	4.5 litre 178 mm dia. (7")	400 (15.75")
311.205.013	8, 16, 32 litre 254 mm dia. (10")	500 (19.69")
311.205.014	52, 106, 147, 180 litre 406 mm dia. (16")	600 (23.6")
311.205.021*	40 litre (Seamless) 227 mm dia. (9")	400 (15.75")
311.205.017*	67.5 litre (Seamless) 265 mm dia. (10.4")	400 (15.75")
311.205.018*	80 litre (Seamless) 276 mm dia. (11")	400 (15.75")
311.205.019	343 litre 610 mm dia. (24")	693 (27.3")

\* For UL Listed Systems Only (Not FM Approved)

**SECTION 5 - INSTALLATION**

Table 16: Bracket Fixing Heights

Container Size	No. of Unistrut Channels	Height From Floor to Bracket	
mm	(in)		
4.5 litre: 2.3 to 4.5 kg (5 to 10 lbs.)	1	130	(5")
8 litre: 4.0 to 8.0 kg (9 to 18 lbs.)	1	130	(5")
16 litre: 8.0 to 16.0 kg (18 to 35 lbs.)	2	60, 330	(2.5", 13")
32 litre: 16.0 to 32.0 kg (35 to 71 lbs.)	2	160, 595	(6.25", 23.5")
40 litre*: 20.0 to 40.0 kg (44 to 88 lbs.)	2	300, 1000	(11.75", 39.25")
52 litre: 26.0 to 52.0 kg (57 to 115 lbs.)	2	110, 343	(4.25", 13.5")
67.5 litre*: 33.8 to 67.5 kg (75 to 149 lbs.)	2	300, 1100	(11.75", 43.25")
80 litre*: 40.0 to 80.0 kg (88 to 176 lbs.)	2	300, 1200	(11.75", 47.25")
106 litre: 53.0 to 106.0 kg (117 to 234 lbs.)	2	300, 750	(11.75", 29.5")
147 litre: 73.5 to 147.0 kg (162 to 324 lbs.)	2	300, 1000	(11.75", 39.25")
180 litre: 90.0 to 180.0 kg (198 to 397 lbs.)	2	300, 1200	(11.75", 47.25")
343 litre: 171.5 to 343 kg (378 to 756 lbs.)	2	300, 1100	(11.75", 43.25")

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Figure 48 - Container Strap Location (106L Example)

