



# ALBUQUERQUE VAULT COMPANY

PRE-CAST  
CONCRETE  
PRODUCTS

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Detail #

P-75-HS

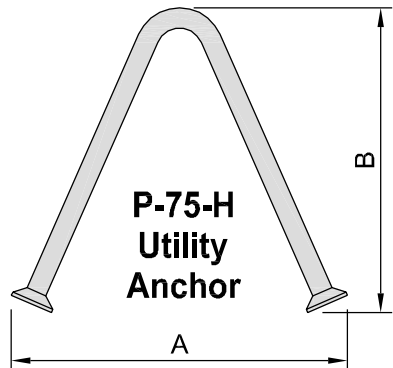
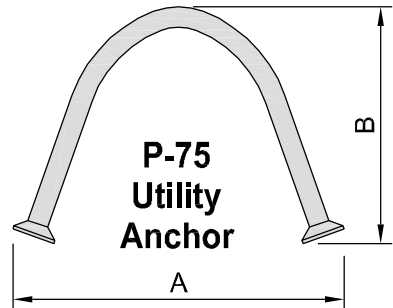
Not To Scale

Feb. 2009

## UTILITY ANCHOR SYSTEM

### P-75 and P-75-H Utility Anchor

The Dayton Superior Utility Anchors are available in three diameters and a series of lengths for specific concrete thickness. The utility anchor can be set in either a 90° or a 45° anchor orientation using the appropriate setting plug.



P-75 and P-75-H Utility Anchor

Anchor	Type	Product Code No.	A	B	C	End Shape	Minimum Edge Distance
P-75	4UA444	121877	5-1/4"	3-1/8"	0.444"	Swift Lift	9"
	5UA444	123442	6"	3-3/4"	0.444"	Swift Lift	11"
	6UA444	121888	7-3/8"	4-3/4"	0.444"	Swift Lift	15"
	5UA444	123441	6-7/16"	3-3/4"	0.671"	Swift Lift	11"
	6UA444	121889	7-3/8"	4-3/4"	0.671"	Swift Lift	15"
	8UA444	121891	9-3/4"	6-3/4"	0.671"	Swift Lift	20"
P-75-H	12UA444	124738	15-7/8"	11"	0.875"	Swift Lift	30"

Anchor	Type	Product Code No.	Minimum Panel Thickness		Safe Working Load Tension		Safe Working Load Shear	
			90°	45°	90°	45°	90°	45°
P-75	4UA444	121877	4"	3-1/2"	3,200 lbs.	3,740 lbs.	5,800 lbs.	3,740 lbs.
	5UA444	123442	5"	4-1/4"	3,860 lbs.	4,600 lbs.	7,710 lbs.	4,600 lbs.
	6UA444	121888	5-5/8"	4-1/2"	4,460 lbs.	4,460 lbs.	9,460 lbs.	4,460 lbs.
	5UA444	123441	5"	4-1/4"	4,560 lbs.	5,400 lbs.	8,430 lbs.	5,400 lbs.
	6UA444	121889	5-5/8"	4-1/2"	7,320 lbs.	8,900 lbs.	15,780 lbs.	8,900 lbs.
	8UA444	121891	7-5/8"	6"	10,830 lbs.	10,830 lbs.	18,850 lbs.	10,830 lbs.
P-75-H	12UA444	124738	12"	-	24,000 lbs.	-	24,000 lbs.	-

#### Note:

- 1) Compressive strength of normal weight concrete to be 4,000 psi at time of initial lift.
- 2) Safe working loads provide an approximate factor of safety of 4 to 1.
- 3) Utility anchors to be installed at 90° to surface of the concrete.
- 4) Shear safe working loads are based on loading in the direction of the top of the precast concrete element.

#### To Order:

Specify: (1) quantity, (2) name, (3) product code.

#### Example:

200, P-75 Utility Anchors, 5UA444.

### P-75-C Utility Anchor with Clip

The Dayton Superior Utility Anchor with Clip is designed to allow the Utility Anchor to be secured to the wire mesh cage. This product utilizes the P-75 Utility Anchors with 2 wire clips welded to opposite legs of the anchor. These wire clips are positioned to hold the utility anchor with Void to the wire mesh in the proper position in the wall for lifting your precast product. Both the 5UA and 6UA anchors in 0.444 and 0.671 diameters for 9" wire spacing are in stock. Other anchor and wire spacing are readily available from our Parsons KS plant.

#### To Order:

Specify: (1) quantity, (2) name, (3) product code, (4) anchor size, (5) wire spacing, (6) wall thickness.

#### Example:

200, P-75-C, #121443, 5UA444 anchor, 9" wire spacing, 5" wall.

Product Code No.	Utility Anchor	Wire Clip Lengths	Wall Thickness
123443	5UA444	9"	5"
121890	5UA671	9"	5"
121892	6UA444	9"	6"
121893	6UA671	9"	6"
127446	8UA671	9"	8"

