



Appendix A

Conduit Box Arrangements

Main Conduit Box Selection Table

ENCLOSURE	FRAME	VOLTAGE	HORSEPOWER	CONDUIT BOX OPTIONS				
				STD	A	B	C	D
XPR	5000	460 & 2300	ALL	1	1.5	N/A	N/A	N/A
	5800	4000	ALL	1.5	1.5	N/A	N/A	N/A
TEFC	449	460	UP TO 500	2	3	4	5	6
			501 & UP	3	4	4	5	6
	5000	2300	ALL	2	3	4	5	6
	5800	4000	ALL	2.5	2.5	4	5	6
		6600	ALL	3.5	3.5	4	5	6
OPEN WPI WPII TEAAC TEWAC	5000 5800	460	UP TO 500	3	3	4	5	6
			501 & UP	3	4	4	5	6
		2300	ALL	3	3	4	5	6
		4000	ALL	3	3	4	5	6
	6600	ALL	3.5	3.5	4	5	6	
	6800 8000 9600	2300	ALL	3	4	4	5	6
		4000	UP TO 1000	3	4	4	5	6
			1001 & UP	4	4	4	5	6
6600		ALL	3.5	3.5	4	5	6	

Motors rated 3300 Volt will follow the same guidelines as 4000 Volt shown in the table above.
Motors rated for voltages above 4800 Volt will use a Size 3.5 Box as standard.

Main Conduit Box Reference Dimensions

BOX SIZE	QTY HUBS	AF	AD	XW	EXTERIOR			INTERIOR			CONST. MAT'L	USABLE VOLUME
					XX (H)	XY (W)	YZ (D)	XX (H)	XY (W)	XZ (D)		
1	1	5-5/8	-	3-15/16	14	14	10-5/8	11-3/8	12	9-1/2	CI	900
1.5	2	8-5/8	3	6-1/8	19	18	16-1/2	17-1/2	15	15	CI	3200
2	1	8-1/16	-	5	15	14	10-1/2	13-1/2	11-1/2	9-1/2	CI	1300
2.5	1	10	-	6	18-1/2	14-3/8	11-1/2	16	12-1/8	11-1/4	FS or CI	2000
3B	BLANK	10-15/16	-	-	18-1/4	17-3/8	14-3/4	16-1/4	14-7/8	13-3/4	FS	3400
3	2	10-15/16	3	8-1/8	18-1/4	17-3/8	14-3/4	16-1/4	14-7/8	13-3/4	FS or CI	3400
3.5	3	10-13/16	4	8	24	18	14	23-3/4	17-3/4	13-5/8	FS	5700
4	3	17-13/16	11	14	30	24	20	29-3/4	23-3/4	19-5/8	FS	13900
5	3	19-13/16	13	14	40	36	20	39-3/4	35-3/4	19-5/8	FS	28900
6	1	18-13/16	19-13/16	25	42-5/8	30-1/4	29-1/4	42-3/8	29	28-7/8	FS	32000

Standard Threaded Hub Size: Size 1 through Size 5 = 3-1/2", Size 6 = 4"
Construction Material: CI = Cast Iron, CA = Cast Aluminum, FS = Fabricated Steel
Refer to the Dimension Print Section for Conduit Box drawings.