

## RECOMMENDED INSTALLATION DATA (For use with Baldor Motors)

		1HP	3HP	5HP	7.5 HP	10HP	15HP	20HP	25 HP	30HP	40HP
120V 3PH	AMPS	12.8 FLA	-	-	-	--	-	-	-	-	-
	DE FU	25	-	-	-	-	-	-	-	-	-
	THERM CB	30	-	-	-	--	-	-	-	-	-
	WIRE SIZE 100'	8	-	-	-	--	-	-	-	-	-
	WIRE SIZE 200'	4	-	-	-	--	-	-	-	-	-
WIRE SIZE 300'	3	-	-	-	--	-	-	-	-	-	
208V 3PH	AMPS	-	8.3 FLA	13.8 FLA	25 FLA	28.5 FLA	41 FLA	59 FLA	74.7 FLA	88.2 FLA	101 FLA
	DE FU	-	15	25	40	50	70	90	125	150	175
	THERM CB	-	20	40	60	70	100	125	175	200	200
	WIRE SIZE 100'	-	12	10	8	8	6	4	4	3	0
	WIRE SIZE 200'	-	10	8	4	4	3	2	1	0	00
WIRE SIZE 300'	-	8	6	3	3	2	0	00	000	000	
240V 3PH	AMPS	-	8.2 FLA	13.2 FLA	21.7 FLA	26 FLA	38 FLA	52 FLA	64.7 FLA	76.4 FLA	94 FLA
	DE FU	-	15	25	35	45	60	80	100	125	150
	THERM CB	-	20	30	50	70	90	100	125	175	200
	WIRE SIZE 100'	-	12	10	10	8	6	4	4	4	1
	WIRE SIZE 200'	-	10	8	6	4	3	2	2	1	00
WIRE SIZE 300'	-	8	6	4	3	1	0	0	00	000	
240V 1PH	AMPS	-	14 FLA	22.8 FLA	32 FLA	40 FLA	70 FLA	-	-	-	-
	DE FU	-	25	40	50	70	125	-	-	-	-
	THERM CB	-	35	60	80	100	175	-	-	-	-
	WIRE SIZE 100'	-	10	8	6	6	3	-	-	-	-
	WIRE SIZE 200'	-	6	4	4	2	0	-	-	-	-
WIRE SIZE 300'	-	4	3	3	1	000	-	-	-	-	
240V 1PH WITH 2 HP LOADER	AMPS	-	25.5 FLA	34.3 FLA	44 FLA	51.5 FLA	81.5 FLA	-	-	-	-
	DE FU	-	40	60	80	90	150	-	-	-	-
	THERM CB	-	60	80	100	125	200	-	-	-	-
	WIRE SIZE 100'	-	8	6	6	4	2	-	-	-	-
	WIRE SIZE 200'	-	4	3	3	1	00	-	-	-	-
WIRE SIZE 300'	-	3	1	1	0	000	-	-	-	-	
480V 3PH	AMPS	-	4.1 FLA	6.6 FLA	10.8 FLA	13 FLA	19 FLA	26 FLA	32.3 FLA	40 FLA	47 FLA
	DE FU	-	7	12	17.5	20	35	40	50	60	80
	THERM CB	-	15	20	25	30	50	60	70	80	100
	WIRE SIZE 100'	-	12	12	12	12	10	8	8	6	6
	WIRE SIZE 200'	-	12	12	12	10	8	8	8	4	4
WIRE SIZE 300'	-	12	12	10	8	6	6	6	2	2	
575V 3PH	AMPS	-	3.6 FLA	5.5 FLA	8.7 FLA	11.4 FLA	14.5 FLA	20.6 FLA	25.9 FLA	30.5 FLA	40.6 FLA
	DE FU	-	6.25	10	15	20	25	35	45	50	70
	THERM CB	-	15	15	20	30	35	50	60	70	90
	WIRE SIZE 100'	-	12	12	12	12	10	10	8	8	6
	WIRE SIZE 200'	-	12	12	12	10	10	10	8	8	6
WIRE SIZE 300'	-	12	12	12	8	8	8	6	6	4	

**NOTE:** DE FU = DUAL ELEMENT FUSE  
WIRE SIZES BASED ON 75 DEGREE C COPPER CONDUCTORS WITH 5% VOLTAGE  
DROP OVER DISTANCE FROM POWER SOURCE TRANSFORMER TO MOTOR.  
**"GUIDELINE ONLY"** OVERALL INCOMING AMPS APPROXIMATELY 250% OF FULL LOAD AMPS.