

MOTOR AMPS @ VOLTAGE 1725RPM	
HP	208 240 380 415 480 575
3/4	3.2 3.0 1.8 1.7 1.5 1.2
1	3.6 3.4 1.9 1.8 1.7 1.4
1.5	5.0 4.8 2.9 2.6 2.4 1.9
2	6.5 6.0 3.6 3.3 3.0 2.4
3	8.3 8.2 4.4 4.6 4.3 3.3
5	14.7 13.4 8.1 7.4 6.7 5.6
7.5	23.2 22.0 13.3 12.2 11.0 8.8
10.0	29.5 28.0 16.9 15.5 14.0 11.2

MOTOR FUSE SIZE CLASS "CC"	
HP	208 240 380 415 480 575
3/4	6.0 6.0 4.0 4.0 3.0 2.5
1	8.0 7.5 4.0 4.0 3.0 3.0
1.5	9.0 9.0 6.0 5.0 5.0 4.0
2	12.0 12.0 7.5 6.0 6.0 5.0
3	20.0 20.0 9.0 8.0 8.0 6.0
5	30.0 25.0 15.0 15.0 10.0
7.5	45.0 40.0 25.0 20.0 20.0
10.0	60.0 50.0 30.0 30.0 25.0 20.0

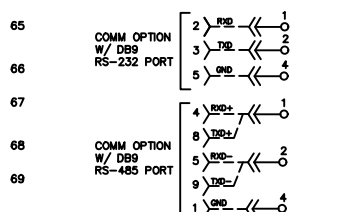
HEATER AMPS @ VOLTAGE	
KW	208 240 380 415 480 600
6	17 15 9 8 7 6
12	33 29 18 17 14 12
18	50 43 27 25 22 17
24	67 58 37 33 29 23
30	83 72 45 42 36 30
36	100 87 55 50 43 35
42	116 101 64 59 51 42
48	115 73 67 58 46

HEATER FUSE SIZE @ VOLTAGE	
KW	208 240 380 415 480 600
6	25 20 12 10 10 10
12	45 40 25 25 20 15
18	70 60 35 35 30 25
24	90 80 50 45 40 30
30	125 90 60 60 45 40
36	125 110 70 70 60 45
42	150 150 80 80 70 60
48	** 150 100 90 80 60

MAIN PROTECTION	
KW	208 230 380 415 480 575
6	25 15 15 15 10
12	60 50 30 30 25 20
18	80 70 45 40 35 30
24	100 90 60 50 45 35
30	125 100 70 60 50 45
36	150 125 80 70 70 50
42	175 150 90 80 70 60
48	175 110 100 90 70

CLASS "CC" FUSE	
TRANSFORMER FUSE SIZE	VA
208 240 380 415 480 575	208 240 380 415 480 575
100 1.0 .8 .5 .5 .5 .5	100 1.0 .8 .5 .5 .5 .5
150 1.0 1.0 .5 .5 .5 .4	150 1.0 1.0 .5 .5 .5 .4
250 1.5 1.5 1.0 .8 .8 .8	250 1.5 1.5 1.0 .8 .8 .8
350 2.5 2.0 1.5 1.5 1.0 .8	350 2.5 2.0 1.5 1.5 1.0 .8
500 3.0 3.0 2.0 2.0 1.5 1.5	500 3.0 3.0 2.0 2.0 1.5 1.5
750 5.0 5.0 2.5 2.5 2.5 2.0	750 5.0 5.0 2.5 2.5 2.5 2.0

NOTES:
 * 1) INDICATES A DEVICE NOT MOUNTED ON THE ELECTRIC PANEL.
 --- 2) INDICATES OPTIONAL DEVICE.
 # 3) INDICATES TERMINAL BLOCKS.
 4) MUST ISOLATE FROM 4-20MA SOURCE.
 5) AUXILIARY CONTACT LABELS VARY BY VERSION. CHECK WIRE LABEL TO DETERMINE CONNECTION.



REV	DESCRIPTION	ECH	NAME	DATE
U3	UPDATE 1PM AND 1MCP WIRING AND NOTES PER ECR 13515	243862	SR	13/21/2024
U2	REVISION 2: ADDITIONAL WIRING AND NOTES PER ECR 13515	243862	SR	13/21/2024
U1	REVISION 1: INITIAL WIRING AND NOTES PER ECR 13515	243862	SR	13/21/2024

DESCRIPTION	DATE	BY	CHECKED	TITLE
DESIGN	6/22/2007	MSO/USO		ACS Group
ENG APPR.	7/24/2008			DIAG,ELEM,MSO/USO
PROJ MGR				ADVANCED CTR,STD

10F1 SCALE 682.91230.00 U3