

Section I E - PGMA wise Tentative Bill of Material

PG-MA	Circuit	Description	Type of Panel	No of Panels	Tubes/Panel					Pitch	Fin			Bends/Tube			Panel Overall Dimensions			Major Openings/Panel		Other details
					No	OD	Thk	Length	Material		Width (+0.5	Thk	Material	No	Angle	Radius	Length	Width	Height	Number	Size (WxH)	
06-601	F-09	FURNACE GRID FLOOR PNL	STRAIGHT PANEL	4	50	76.2	10.7	2135	SA210GRC	176	100.3	8	A576GR1015				2150	2300				Studs
06-631	F-06U	FURNACE FRONT UPPER PNL	STRAIGHT PANEL	4	99	63.5	5.2	13000	SA210GRC	88	25	6	A576GR1015				13000	2300				
06-637	F-06L	FURNACE FRONT LOWER PNL	BENT PANEL	5	99	63.5	5.2	13200	SA210GRC	88	25	6	A576GR1015	3	10, 16	130	13000	1800	1050	8	440 x 1000	Hopper, Studs, Kick out
																				2	1144 x 1400	
																				2	1144 x 3200	
06-641	F-11U	FURNACE REAR UPPER PNL	STRAIGHT PANEL WITH CORNER OPENINGS	4	99	63.5	5.2	11900	SA210GRC	88	25	6	A576GR1015				12000	2300	600			
06-647	F-11L	FURNACE REAR LOWER PNL	BENT PANEL	5	99	63.5	5.2	13100	SA210GRC	88	25	6	A576GR1015	3	10, 16	130	13000	1800	1050	4	440 x 1000	Hopper, Studs, Kick out
																				2	2024 x 2700	
06-648	F-12	FURNACE ROOF PNL	BENT PANEL WITH CORNER OPENINGS	5	99	63.5	5.2	6500	SA210GRC	88	25	6	A576GR1015	1	10	151	5050	1800	1400			Support attachments
06-651	F-15U/F-20U	FURNACE LHS/RHS UPPER PNL	STRAIGHT PANEL	4	53	63.5	5.2	13500	SA210GRC	88	25	6	A576GR1015				13500	2300				Studs
06-653	F-15L	FURNACE LHS LOWER PNL	BENT PANEL	3	53	63.5	5.2	13500	SA210GRC	88	25	6	A576GR1015	2	10	130	13500	1700		2	440 x 865	Studs, Kick out
																				1	440 x1220	
																				1	792 x 1500	
																				1	1144 x 1500	
06-653	F-20L	FURNACE RHS LOWER PNL	BENT PANEL	3	53	63.5	5.2	13500	SA210GRC	88	25	6	A576GR1015	2	8.5	130	13500	1700		2	440 x 865	Studs, Kick out
																				1	792 x 1500	
																				1	1144 x 1500	
06-602	F-25/F-61	RETURN LEG A/B FLOOR PNL- LOWER	BENT PANEL	2	17	51	4.5	3750	SA210GRC	120	69.5	6	A576GR1015	1	40	120.5	3230	1920	1400			Studs
06-602	F-25/F-61	RETURN LEG A/B FLOOR PNL- INTER	LOOSE TUBES	2	17	51	4.5	2500	SA210GRC					5	90, 83, 25	76.5	1920	1330	700			Studs
06-602	F-25/F-61	RETURN LEG A/B FLOOR PNL- UPPER	BENT PANEL	2	17	51	4.5	1650	SA210GRC	120	69.5	6	A576GR1015	1	53	120.5	1920	1400	600			Studs
06-602	F-32-3,F-40,F-66,F-70-3	RETURN LEG A/B LHS/RHS PNL	STRAIGHT PANEL WITH BENDS	4	13	51	4.5	9000	SA210GRC	105	54.5	6	A576GR1015	2/4	16	127	8900	2000				Studs
				4	5	51	4.5	6800	SA210GRC	120	69.5	6	A576GR1015	1/2	90	127	6100	1100	1100			
06-602	F-32-1,F-70-1	RETURN LEG A/B LHS/RHS PNL	STRAIGHT PANEL	2	13	51	4.5	13700	SA210GRC	105	54.5	6	A576GR1015				13700	1300				Studs
06-602	F-32-2,F-70-2	RETURN LEG A/B LHS/RHS PNL	BENT PANEL	2	13	51	4.5	3800	SA210GRC	105	54.5	6	A576GR1015	2	30	120.5	3600	1300	1100			Studs
06-602	F-49, F-79	RETURN LEG A/B REAR PNL	STRAIGHT PANEL	2	20	51	4.5	6500	SA210GRC	120	69.5	6	A576GR1015				650	2170				Studs
06-603	F-27-1, F-63-1	SEPARATOR A/B FRONT PNL	BENT PANEL	4	11	51	4.5	11000	SA210GRC	120	69.5	6	A576GR1015	6	90	120.5	10300	900	800			Studs
				4	9	51	4.5	11000	SA210GRC	70	19.5	6	A576GR1015	8	90/85/55	76.5/120.5	10300	900	600			Studs
06-603	F-27-2, F-63-2	SEPARATOR A/B FRONT PNL	STRAIGHT PANEL	4	14	51	4.5	10300	SA210GRC	120	69.5	6	A576GR1015				10300	1600				Studs
06-603	F-41-1, F-67-1	SEPARATOR A/B FRONT PNL	BENT PANEL	4	13	51	4.5	8050	SA210GRC	120	69.5	6	A576GR1015	2	88	76.5/120.5	7550	1100	1100			Studs
06-603	F-41-2, F-67-2	SEPARATOR A/B FRONT PNL	BENT PANEL	2	13	51	4.5	3200	SA210GRC	120	69.5	6	A576GR1015	2	30	120.5	3000	1100	1100			Studs
06-603	F-35, F-73	SEPARATOR A/B LHS/RHS PNL	STRAIGHT PANEL WITH BENDS	4	13	51	4.5	8050	SA210GRC	120	69.5	6	A576GR1015	2/3	90/45	127	7900	1500	400			Studs
06-603	F-44	SEPARATOR A/B COMMON SIDE PNL	STRAIGHT PANEL WITH BENDS	2	15	51	4.5	8050	SA210GRC	120	69.5	6	A576GR1015	2/3	90/45	127	7900	1750	400			Studs
06-603	F-50A-1,F-80A-1	SEPARATOR A/B VERT PNL	STRAIGHT PANEL	2	17	51	4.5	7900	SA210GRC	120	69.5	6	A576GR1015				7900	1950				Studs
06-603	F-50A-2,F-80A-2	SEPARATOR A/B VERT PNL	BENT PANEL	2	17	51	4.5	8150	SA210GRC	120	69.5	6	A576GR1015	2	30	120.5	7500	1950	2750			Studs
06-603	F-53A-1,F-83A-1	SEPARATOR A/B VERT PNL	STRAIGHT PANEL	2	13	51	4.5	9900	SA210GRC	120	69.5	6	A576GR1015				9900	1500				Studs
06-603	F-53A-2,F-83A-2	SEPARATOR A/B VERT PNL	BENT PANEL	2	13	51	4.5	8150	SA210GRC	120	69.5	6	A576GR1015	3	30/80	120.5	7100	1100	2750			Studs
06-603	F-56A-1,F-76A-1	SEPARATOR A/B VERT PNL	STRAIGHT PANEL	2	14	51	4.5	9900	SA210GRC	120	69.5	6	A576GR1015				9900	1600				Studs
06-603	F-56A-2,F-76A-2	SEPARATOR A/B VERT PNL	BENT PANEL	2	14	51	4.5	8150	SA210GRC	120	69.5	6	A576GR1015	3	30/80	120.5	7800	1600	2600			Studs
06-604	F-50B,F-80B	SEPARATOR A/B ROOF PNL	BENT PANEL WITH CIRC OPENING	4	18	51	4.5	6700	SA210GRC	120	69.5	6	A576GR1015	8	90/45/106	120.5/127	4100	1900	1800	1	D 2125	Studs
06-604	F-53B,F-83B	SEPARATOR A/B ROOF PNL	BENT PANEL	2	13	51	4.5	5500	SA210GRC	84.85	34.4	6	A576GR1015	2/4	88/60/34/106	120.5/127	4000	1100	1800			Studs, Support attachments
06-604	F-56B,F-76B	SEPARATOR A/B ROOF PNL	BENT PANEL	2	13	51	4.5	5500	SA210GRC	84.85	34.4	6	A576GR1015	2	88/106	120.5/127	4000	1100	1800			Studs, Support attachments
11-616	S-03, S-14	COD A/B ROOF & FRONT PANELS	BENT PANEL	2	22	51	4.5	8800	SA210GRC	120	69.5	6	A576GR1015	1	90	120.5	5200	2600	4100			Studs
11-616	S-05, S-16	COD A/B SIDE INTERIOR PANELS	STRAIGHT PANEL WITH BENDS	4	26	51	4.5	3300-8800	SA210GRC	120	69.5	6	A576GR1015	1	90	127	4900	2000				Studs
11-618	S-07, S-18	COD A/B BOTTOM PANELS	BENT PANEL	4	22	51	4.5	3000	SA210GRC	120	69.5	6	A576GR1015	1	90	120.5	2300	1500	900			Studs
11-618	S-09, S-20	COD A/B SIDE EXTERIOR PANELS	STRAIGHT PANEL WITH BENDS	4	26	51	4.5	3300-8800	SA210GRC	120	69.5	6	A576GR1015	1	90	127	4900	2000				Studs
11-651	S-25, S-26	CAGE SIDE PANELS	STRAIGHT PANEL	4	45	44.5	4.5	13000	SA210GRC	88	44	6	A576GR1015				13000	2100				
11-631	S-28	CAGE FRONT PANELS	STRAIGHT PANEL	4	86	44.5	4.5	9400	SA210GRC	88	44	6	A576GR1015				9400	2000				
11-687	S-33A	CAGE ROOF PANELS	BENT PANEL	4	86	38.1	4.5	4800	SA210GRC	88	50.4	6	A576GR1015	1/7	90/15	76.5/114	3800	2000	1600			Support attachments
11-652	S-33B	CAGE REAR PANELS	STRAIGHT PANEL	4	86	38.1	4.5	11200	SA210GRC	88	50.4	6	A576GR1015				12000	2000				