

AR SERIES ORGAN
 EARMARK FOR
 #11148 BARNWELL PRESBYTERIAN CHURCH, BARNWELL, S. C.

2/9
GENERAL

(1) ORGAN

Great Organ	Standard design without grille
Swell Organ	Standard design without grille
Wood & finish	Layout will be supplied
Action	Silvite, Dull charcoal brown
Wind Pressure	Electro-Pneumatic (unit type)
Pitch	See Pipe Analysis
	A-440 @ 70° F

(2) CONSOLE

Cabinet	Standard Design (Movable) cables enter at rear
Wood & Finish	<i>Rick</i> Rift Sawn Oak to customer's sample
Manual	Two and Pedal
Manual Compass	CC to Cr, 61 notes
Pedal Compass	CCC to G, 32 notes
Stop Controls	Tilting Tablets
Action	All Electric

(3) BLOWER (located in organ space)

Type	Kinetic 2-P-2116 - 1/2 HP - 1750 RPM
Rating	500 c.f.m. @ 4" - 6" outlet
Current Specifications	1 Ph - 60 Cy - 110 Volts - 7.2 amperes
Overall Size	2'-5-3/4" long x 1'-10-3/8" wide x 2'-7-1/4" high

(4) POWER UNIT (Located in console cabinet)

Rating	DC Output - 10-15 Volts - 30 Amperes
Current Specifications	AC Input - 1 Ph - 60 Cy - 110 Volts - 10 Amperes
Overall Size	14-1/2" long x 10-3/4" wide x 7" high

CONSOLE AND ORGAN

GREAT ORGAN (Enclosed)

1	16	Bourdon	92 pipes	
2	8	Principal	80 pipes	
3	8	Gedeckt.....from #1	61 notes	
4	8	Gemshorn	from #13	61 notes
5	4	Octave	from #2	61 notes
6	4	Gedeckt	from #1	61 notes
7	2	Super Octave	from #2... (repeat 5 top notes)	61 notes
8	2	Flute	from #1... (repeat 5 top notes)	61 notes
9	II-III	Mixture	126 pipes	
10		Chimes...Mayland tubes and electric actions, relay, transformer, and volume control, A-#22 to F-#42	21 tubes	
11		Tremolo		

SWELL ORGAN (Enclosed)

12	8	Spitzflöte.....(low octave from #13).....	73 pipes
13	8	Gemshorn	85 pipes
14	8	Gemshorn Celeste T.C.	49 pipes
15	4	Spitzflöte.....from #12	61 notes
16	2	Spitzflöte.....from #12	61 notes
17	1-1/3	Larigot,from #13...(repeat 7 top notes).....	61 notes
18	16	Contre Trompette	85 pipes
19	8	Trompette,from #18	61 notes
20	4	Clairon,from #18	61 notes
21		Tremolo	

PEDAL ORGAN

22	16	Bourdon.....from #1	32 notes
23	8	Principal,from #2	32 notes
24	8	Gedeckt,from #1	32 notes
25	8	Gemshorn,from #13	32 notes
26	4	Octave,from #2	32 notes
27	4	Spitzflöte,from #12	32 notes
28	III	Mixture,from #7 & 9	32 notes
29	16	Contre Trompette.....from #18	32 notes
30	8	Trompette,from #18	32 notes
31	4	Clairon,from #18	32 notes

COUPLER

32 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

Affecting Full Organ

PEDAL MOVEMENTS

- Balanced Expression Pedal - Great Organ (8 contacts, reverse system)
- Balanced Expression Pedal - Swell Organ (8 contacts, reverse system)
- Balanced Crescendo Pedal with indicator light (green jewel)

ACCESSORIES

- Motor and power unit on-off switch (lock type) with indicator light (red jewel) and related wiring.
- Concave and radiating pedal keyboard
- Organ bench with music shelf
- Music rack
- Music rack light
- Pedal light

STOP	PITCH	PIPES	PIPE ANALYSIS				WIND PRESSURE
			SCALE	HALVING	MOUTH	METAL	

GREAT ORGAN

Bourdon	16	92	CCC to BBB Reg. Manual Bourdon CC to BB Reg. Artiste Tapered Bass TC up Reg. Artiste Treble			Wood Wood Wood & S.M.)	3-1/2"
Principal	8	80	CC 52 TC 60	18-1/2	1/4	17 Zinc S.M.	3-1/2"
Mixture	II-III	126	SEE FORMULA BELOW				3-1/2"

SWELL ORGAN

Spitzflöte T.C.	8	73	60-2/3 @ 4' C	19-1/2	1/5	5 Zinc S.M.	3-1/2"
Gemshorn	8	85	CC 54 C 66-1/3 #56 102-2/3	17-1/2 17-1/2 18-1/2	2/9	17 Zinc S.M.	3-1/2"
Gemshorn Celeste T.C.	8	49	56-1/3 @ 8' C	17-1/2	2/9	5 Zinc S.M.	3-1/2"
Contre Trompette 16		85	2-1/2" CCC to FF half length FF# up full length D(F) Eschallots			Zinc & S.M.	3-1/2"

GREAT II-III Mixture Formula

19	12	12	12	15
22	19	19		
	22			
1-37	38-49	50-53	54-56	57-61
Unison	47 Sc.	17-1/2	1/4 mouth	S.M.
Quint	49 Sc.	17-1/2	1/4 mouth	S.M.