

File

AR SERIES ORGAN
EARMARK FOR
#11125, BETHEL PRESBYTERIAN CHURCH, WALTERBORO, SOUTH CAROLINA
SPECIFICATIONS FOR A SERIES 70-6 ORGAN

28

GENERAL

(1) ORGAN

Great Organ	Exposed, supply enclosure
Swell Organ	Standard design
Wood & Finish	Layout will be supplied
Action	Birch to customer's samples
Wind Pressure	Electro-Pneumatic (unit type)
Pitch	See Pipe Analysis
<i>Sabre</i>	A-440 @ 70°F
	"Basic" Fiberglass White

(2) CONSOLE

Cabinet	Standard Design, <i>revised provide glides</i>
Wood & Finish	Birch to customer's samples
Manual	Two and Pedal
Manual Compass	CC to C4, 61 notes
Pedal Compass	CCC to G, 32 notes
Stop Controls	Tilting Tablets
Action	All Electric

(3) BLOWER (located in organ)

Type	<i>1063 .55</i> Meidinger 1004 - 7 HP - 3360
Rating	<i>400</i> 500 c.f.m. @ 4" - <i>4 3/4"</i> outlet
Current Specifications	1 Ph - 60 Cy - 110 Volts - 7.2 Amperes
Overall Size	1' - 6-7/8" long x 1' - 6-1/8" wide x 1' - 10-1/4" 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 (exposed)

1	16	Bourdon.....	92 pipes
2	8	Principal.....	80 pipes
3	8	Gedecktfrom #1.....	61 notes
4	8	Gemshorn.....from #13.....	61 notes
5	4	Octave.....from #2.....	61 notes
6	4	Gedecktfrom #1.....	61 notes
7	2	Super Octavefrom #2...(repeats 5 top notes).....	61 notes
8	2	Flutefrom #1...(repeats 5 top notes).....	61 notes
9	II-III	Mixture.....	126 pipes
10		Chimes <i>Maryland Pipes and Electric Actions, relay, prepared for in console only</i>	
11		Tremolo <i>Transformer & volume control, A-#22 to F-#42</i>	21 tubes

SWELL ORGAN (Enclosed)

12	8	Spitzflöte.....(low octave from #13).....	68 pipes
13	8	Gemshorn.....	85 pipes
14	4	Spitzflötefrom #12.....	61 notes
15	2	Spitzflöte.....from #12..(repeat 5 top notes).....	61 notes
16	1-1/3	Larigotfrom #13..(repeat 7 top notes).....	61 notes
17	16	Contre Trompette.....	80 pipes
18	8	Trompettefrom #17.....	61 notes
19	4	Clarion.....from #17..(repeat 5 top notes).....	61 notes
20		Tremolo	

PEDAL ORGAN

1	16	Bourdon.....from #1.....	32 notes
2	8	Principalfrom #2.....	32 notes
3	8	Gedeckt.....from #1.....	32 notes
4	8	Gemshornfrom #13.....	32 notes
5	4	Octavefrom #2.....	32 notes
6	4	Spitzflötefrom #12.....	32 notes
7	III	Mixturefrom #7 & 9.....	32 notes
8	16	Contre Trompettefrom #17.....	32 notes
9	8	Trompette.....from #17.....	32 notes
10	4	Clarionfrom #17.....	32 notes

COUPLERS

1 Swell to Great

ADJUSTABLE COMBINATIONS

istons No. 1-2-3-4

Affecting Full Organ

PEDAL MOVEMENTS

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 light
Pedal light

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
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GREAT ORGAN

Bourdon	16	92	CCC to BBB Reg. Manual Bourdon			Wood)	
			CC to BB Reg. Artiste Tapered Bass			Wood)	3-1/2"
			TC up Reg. Artiste Treble			Wood & S.M.)	
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

Spitzflote T.C.	8	68	60-2/3 @ 4'C	19-1/2	2/9	5 Zinc S.M.	3-1/2"
Gemshorn	8	85	CC 54	17-1/2			
			C 66-1/3	17-1/2	2/9	17 Zinc S.M.	3-1/2"
		#56	102-2/3	18-1/2			
Contre Trompette	16	80	2-1/2"	CCC to FF half length			
				FFF up full length			
				D(F) Eschallots		Zinc & S.M.	3-1/2"

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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.