

File

AR SERIES ORGAN
EARMARK FOR
10926, FIRST PRESBYTERIAN CHURCH, OCEAN CITY, MD.
SPECIFICATIONS FOR SERIES 70-8B Organ

2/10

GENERAL

(1) ORGAN

Great Organ	Standard Series 70 Design
Swell Organ	Standard Series 70 Design
	Organ layout will be supplied
Wood & Finish	Rift Sawn Oak to color block M-4150-2
Fabric	Mellotone
Action	Electro-Pneumatic (unit type)
Wind Pressure	Offsets 4-1/2", Trebles 3-1/2"
Pitch	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard Series 70 Design
Wood & Finish	Rift Sawn Oak to color block M-4150-2
Manuals	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) BLOWERS (Two (2) required)

Type	<i>2-P-2116 - 1/2 H.P. - 1750 RPM</i>		
Rating	Neidinger #1002 - .4 HP - 3360 RPM		
Current Specification	500 200 c.f.m. @ 4", 6" diam. outlet		
Overall Size	Ph - Cy - Volts - Amperes		
	1' - 6-7/8" x 1' - 6-1/8" x 1' - 10-1/4" high		
	2' - 5-3/4" x 1' - 10-7/8" x 2' - 5-3/8"		

(4) POWER UNIT (One Required)

Rating	DC Output - 10-15 Volts - 30 Amperes
Current Specifications	AC Input: Ph - Cy - Volts - Amperes
Overall Size	1' - 6-1/2" long x 11-1/8" wide x 7-3/16" high

* * * * *

CONSOLE AND ORGAN

GREAT ORGAN

1	16	Bourdon.....	97 pipes
2	8	Principal.....	73 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	Flute.....from #1.....	61 notes
8	III	Mixture.....	183 pipes
9	4	Trichter Regal.....	61 pipes
10		Chimes.....(prepared for in console only)	
11		Tremolo	

SWELL ORGAN

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 #8.....	32 notes
29	16	Contre Trompette...from #18.....	32 notes
30	8	Trompette.....from #18.....	32 notes
31	4	Trichter Regal.....from #8.....	32 notes

COUPLERS

32 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4-5-6

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

Motors and power unit on-off switch (lock type) with indicator light (red jewel) and related wiring.

Music rack light

Pedal light

Concave and radiating pedal keyboard

Organ bench with music shelf

Signal light (white jewel)

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
<u>GREAT ORGAN</u>							
Bourdon	16	97	CCC to BBB Reg. Manual Bourdon	Wood	)	1-16	4-1/2"
			CC to BB Reg. Artiste Tapered Bass	Wood	)	17 up	3-1/2"
			TC & up Reg. Artiste Treble	Wood & SM	)		
Principal	8	73	CC 52 TC 60	18-1/2	1/4	12 All Zinc	) 1-12 4-1/2"
						13-17 Zinc & SM	) 13 up 3-1/2"
						18 up SM	)
Mixture	III	183	See Formula Below				3-1/2"
Trichter Regal	4	61	2-1/2" Brass Tubes, Funnel Top				D(F) Eschallots 3-1/2"

SWELL ORGAN

Spitzflote T.C.	8	73	60-2/3 @ 4' C	19-1/2	2/9	SM	3-1/2"
Gemshorn	8	85	CC 54-1/3	17-1/2	2/9	12 Zinc SM	3-1/2"
			#56 102-2/3	20-1/2	2/9		
Gemshorn Celeste T.C.	8	49	56-1/3 @ 8' CC	17-1/2	1/5	SM	3-1/2"
Contre Trompette	16	85	2-1/2" CCC to FF half length			Zinc & SM	3-1/2"
			FF# up full length				
			D(F) Eschallots				

** * * * * *

GREAT III MIXTURE FORMULA

15	12	8
19	15	12
22	19	15
<u>1-42</u>	<u>43-48</u>	<u>49-61</u>

Unison	50 Sc.	18-1/2	1/4 mouth	S.M.
Quint	51 Sc.	18-1/2	1/4 mouth	S.M.