

File

AR SERIES ORGAN
EARMARK FOR
#11142 FIRST UNITED METHODIST CHURCH, BARBOURSVILLE, W. VA.
SPECIFICATIONS FOR A SERIES 70-6 ORGAN

2/8

GENERAL

(1) ORGAN

Great Organ	Chamber installation, no cabinet
Swell Organ	Chamber installation, no cabinet
	Layout will be supplied
Action	Electro-Pneumatic (unit type)
Wind Pressure	See Pipe Analysis
Pitch	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard design
Wood & Finish	Rift Sawn Oak, M-4150-2
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) BLOWERS (Two required, located in blower areas)

Type	<i>Kennetic 2-P. 1716 1/3 H.P. - 1750 RPM</i>
Rating	Maidinger 1002 - 4 H.P. - 3360 RPM
Current Specifications	<i>350</i> 230 c.f.m. @ 4" - 4" outlet <i>5.2</i>
<i>Size</i>	1 Ph - 60 Cy - 115 Volts - 4.4 Amperes <i>3' - 5 1/2" L x 1' - 8" W x 3' - 1 1/8" H</i>

(4) POWER UNIT (located in console)

Rating	DC Output 10-15 Volts - 30 Amperes
Current Specifications	1 Ph - 60 Cy - 115 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 #161 notes
4	8	Gemshorn	from #1361 notes
5	4	Octave	from #2.....61 notes
6	4	Gedeckt	from #1.....61 notes
7	2	Super Octave.....	from #2... (repeats 5 top notes).....61 notes
8	2	Flute	from #1...(repeats 5 top notes).....61 notes
9	II-III	Mixture	126 pipes
10		Chimes ...	(prepared for in console only)
11		Tremolo	

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	Spitzflötefrom #12..(repeat 5 top notes).....	61 notes
16	1-1/3	Larigot.....from #13..(repeat 7 top notes).....	61 notes
17	16	Contre Trompette.....	80 pipes
18	8	Trompettefrom #17.....	61 notes
19	4	Claironfrom #17..(repeat 5 top notes).....	61 notes
20		Tremolo	

PEDAL ORGAN

21	16	Bourdonfrom #1	32 notes
22	8	Principal.....from #2	32 notes
23	8	Gedeckt.....from #1	32 notes
24	8	Gemshornfrom #13.....	32 notes
25	4	Octavefrom #2.....	32 notes
26	4	Spitzflötefrom #12	32 notes
27	III	Mixturefrom #7 & 9	32 notes
28	16	Contre Trompette.....from #17	32 notes
29	8	Trompettefrom #17.....	32 notes
30	4	Claironfrom #17.....	32 notes

COUPLER

31 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

PIPE ANALYSIS

TOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
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GREAT ORGAN

Bourdon	16	92	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 & S.M.)	
Principal	8	80	CC 52 TC 60	18-1/2	1/4	17 Zinc S.M.)	1-12 4-1/2" 13 up 3-1/2"
Mixture	II-III	126	See Formula Below				3-1/2"

SWELL ORGAN

Pitzflöte T.C.	8	68	60-2/3 @ 4'C	19-1/2	2/9	5 Zinc S.M.	3-1/2"
Shorn	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				
			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.	