

AR SERIES ORGAN
 EARMARK FOR
 #111178 - FIRST UNITED METHODIST CHURCH, TERRA ALTA, W. VA.
 SPECIFICATIONS FOR A SERIES 70-6 ORGAN

2/8

GENERAL

(1) ORGAN

Great Organ	(Chamber Installation
Swell Organ	(No Cabinets
	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) BLOWER (located in organ space)

Type	Kinetic 2-P-2116, 1/2 HP, 1750 RPM, 6" outlet
Wind	360 c.f.m. @ 4"
Current Specifications	1 Ph - 60 Cy - 220 Volts - 3.6 Amperes
Overall Size	2' - 5-3/4" long x 1' - 10-3/8" wide x 2' - 6-1/4" 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 .. (repeats 5 top notes)	61 notes
8	2	Flute from #1 .. (repeats 5 top notes)	61 notes
9	11-111	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	Spitzflöte	from #12	61 notes
15	2	Spitzflöte	from #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	Trompette	from #17	61 notes
19	4	Clarion	from #17..(repeat 5 top notes).....	61 notes
20		Tremolo		

PEDAL ORGAN

21	16	Bourdon	from #1	32 notes
22	8	Principal	from #2	32 notes
23	8	Gedeckt.....	from #1	32 notes
24	8	Gemshorn	from #13	32 notes
25	4	Octave	from #2.....	32 notes
26	4	Spitzflöte	from #12	32 notes
27	111	Mixture	from #7 & 9	32 notes
28	16	Contre Trompette.....	from #17.....	32 notes
29	8	Trompette	from #17	32 notes
30	4	Clarion	from #17	32 notes

COUPLERS

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

PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
<u>GREAT ORGAN</u>						
16	✓ 92	CCC to BBB Reg. Manual Bourdon CC to BB Reg. Artists Tapered Bass TC up Reg. Artists Treble				Wood) Wood) Wood & S.M.)
8	✓ 80	CC 52 TC 60	18-1/2	1/4	17 Zinc S.M.	3-1/2"
11-111	✓ 126	See Formula Below				3-1/2"

SWELL ORGAN

Flute T.C.	8	✓ 68	60-2/3 @ 4'C	19-1/2	1/5	5 Zinc C.M.	3-1/2"
corn	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"
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.