

File

AR SERIES ORGAN
EARMARK FOR
#11131 FIRST UNITED METHODIST CHURCH, SPRINGFIELD, ILLINOIS
SPECIFICATIONS FOR A SERIES 70-6 ORGAN

2/8

GENERAL

(1) ORGAN

Great Organ	Standard design
Swell Organ	Standard design
	Layout will be supplied for winding
Wood & Finish	Rift Sawn Oak, M-4150-2
Action	Electro-Pneumatic (unit type)
Wind Pressure	See Pipe Analysis
Pitch	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard design, revised
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 (By purchaser, located in blower space)

Type	Kinetic 3 GXM - 3/4 H.P. - 1165 RPM
Rating	750 C.F.M. @ 3-1/2" - 8" outlet
Current Specifications	1 Ph - 60 Cy - 220 Volts - 6.4 Amperes

(4) POWER UNIT (By MPM, INC., located in CONSOLE)

DC requirement 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" x 10-3/4" 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	61 notes
6	4	Gedeckt.....from #1.....	61 notes
7	2	Super Octave	61 notes
8	2	Flute	61 notes
9	II-III	Mixture.....	126 pipes
10	8	Trompette.....from #17.....	61 notes
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	Trompettefrom #17.....	61 notes
19	4	Clairon.....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	III	Mixturefrom #7 & 9.....	32 notes
28	16	Contre Trompette.....from #17	32 notes
29	8	Trompette.....from #17	32 notes
30	4	Claironfrom #17	32 notes

COUPLER

31 Swell to Great

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
 Transparent music rack
 Music rack light
 Pedal light

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE	
<u>GREAT ORGAN</u>								
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

Spitzflöte 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.	