

AR SERIES ORGAN
 EARMARK FOR
 #11243, ST. PAUL EVANGELICAL LUTHERAN CHURCH, MARION, OHIO
 SPECIFICATIONS FOR A SERIES 70-6 ORGAN

2/8

GENERAL

(1) ORGAN

Great Organ	Standard Design, special construction
Swell Organ	Standard Design, special construction
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
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 near organ)

Type	Kinetic 2-P-2116, 1/2 HP, 1750 RPM
Rating	500 c.f.m. @ 4" - 6" outlet
Current Specifications	1 Ph - 60 Cy - 120 Volts - 7.2 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 - 120 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	II-III	Mixture -----	126 pipes
10		Chimes----(prepared for in console only	
11		Tremolo	

SWELL ORGAN (Enclosed)

2	8	Spitzflöte-----	(low octave from #13)-----	68 pipes
3	8	Gemshorn -----		85 pipes
4	4	Spitzflöte-----	from #12-----	61 notes
5	2	Spitzflöte-----	from #12--(repeat 5 top notes)-----	61 notes
6	1-1/3	Larigot -----	from #13 (repeat 7 top notes)-----	61 notes
7	16	Contre Trompette -----		80 pipes
8	8	Trompette -----	from #17-----	61 notes
9	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	III	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 (amber jewel)
 and related wiring.
 Concave and radiating pedal keyboard
 Organ bench with music shelf
 Music rack
 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 CC to BB Reg. Artiste Tapered Bass TC up Reg. Artiste Treble			Wood) Wood) Wood & S.M.)	1-16 4-1/2" 17 up 3-1/2"
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

Spitzflote T.C.	8	68	60-2/3 @ 4'C	19-1/2	1/5	5 Zinc S.M.	3-1/2"
Gemshorn	8	85	CC 56 C 66-1/3 #56 98	19-1/2 19-1/2 17-1/2	2/9 2/9 1/6	17 Zinc S.M.	3-1/2"
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"

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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.	