

JMD

AR SERIES ORGAN
EARMARK FOR
11291, MARION CHRISTIAN CHURCH, MARION, ^{Iowa} OHIO
SPECIFICATIONS FOR A SERIES 70-7A ORGAN

2/9
GENERAL

(1) ORGAN

Organ	Chamber Installation, no cabinets
Action	Layout will be supplied
Wind Pressure	Electro-Pneumatic
Pitch	See Pipe Analysis
	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard design
Wood & Finish	Rift Sawn Oak to customer's sample
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) BLOWER (located in blower space)

Type	2-P-2118 - 3/4 HP - 1750 RPM - 8" outlet
Wind	400 c.f.m. @ 4"
Current Specification	1 Ph - 60 Cy - 208 Volts - 3.6 Amperes
Overall Size	2' - 9-3/4" long x 1' - 10-3/8" wide x 2'-6-3/4" high

(4) POWER UNIT Located in console)

Rating	DC Output - 10-15 Volts - 30 Amperes
Current Specification	AC Input - 1 Ph - 60 Cy - 110 Volts - 10 Amperes
Overall Size	14-1/2" long, 10-3/4" wide x 7" high

CONSOLE AND ORGAN

GREAT ORGAN (Unenclosed)

1	16	Bourdon-----	92 pipes
2	8	Principal -----	80 pipes
3	8	Gedeckt-----from #1-----	61 notes
4	8	Gemshorn-----from #14-----	61 notes
5	4	Octave-----from #2 -----	61 notes
6	4	Gedeckt-----from #1 -----	61 notes
7	2	Super Octave-----from #2--(repeat 5 top notes)-----	61 notes
8	2	Flute -----from #1--(repeat 5 top notes)-----	61 notes
9	II-III	Mixture-----	126 pipes
10		Trompette -----from #19 -----	61 notes
11		Chimes-- --present Deagan "K", 19 tubes, new elec. action, relay, transformer & volume control unit - provide new top E & F A-#22 to F-#42 -----	21 tubes
12		Tremolo	

SWELL ORGAN (Enclosed)

13	8	Rohrflöte-----	73 pipes
14	8	Gemshorn -----	80 pipes
15	4	Spitzprincipal -----	73 pipes
16	4	Rohrflöte -----from #12 ^{#13}	61 notes
17	2	Spitzoctave -----from #14 ^{#15}	61 notes
18	1-1/3	Larigot -----from #13 ^{#14}	61 notes
19	16	Contre Trompette-----	80 pipes
20	8	Trompette -----from #18 ^{#19}	61 notes
21	4	Clairon -----from #18 ^{#19} (repeat 5 top notes)	61 notes
22		Tremolo	

PEDAL ORGAN

23	16	Bourdon -----from #1	32 notes
24	8	Principal-----from #2	32 notes
25	8	Gedeckt-----from #1	32 notes
26	8	Gemshorn-----from #13 ^{#14}	32 notes
27	4	Octave -----from #2	32 notes
28	4	Rohrflöte-----from #12 ^{#13}	32 notes
29	III	Mixture -----from #7 & 9	32 notes
30	16	Contre Trompette-----from #18 ^{#19}	32 notes
31	8	Trompette -----from #18 ^{#19}	32 notes
32	4	Clairon -----from #18 ^{#19}	32 notes

COUPLER

33 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

Affecting Full Organ (beneath Swell center)

PEDAL MOVEMENTS

Balanced Expression Pedal - Swell Organ (8 stage, 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 electrical 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 Tr apered Bass TC 8 up Reg. Artiste Treble			Wood) Wood) Wood & S.M.)	3-1/2"
Principal	8	80	CC 52 TC 60	18-1/2	1/4	17 Zinc S.M.	3-1/2"
Mixture	II-III	126	See Formula Below			S.M.	3-1/2"

SWELL ORGAN

Rohrflote	8	73	56	21-1/2	2/9	SM O.S. Chimneys (#19-62) 18 Zinc S.M.	3-1/2"
Gemshorn	8	80	CC 56 C 68-1/3 #56 98	19-1/2 19-1/2 17-1/2	2/9 2/9 1/6	17 Zinc S.M.	3-1/2"
Spitzprincipal	4	73	60-2/3	18-1/2	1/4	5 Zinc C.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"

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.	