

AR SERIES ORGAN
EARMARK FOR
#11641, WOODLAND UNITED METHODIST CHURCH, AKRON, OHIO
SPECIFICATION OF A SERIES 80-9 ORGAN
TO BE COMPLETED - NOVEMBER 1, 1983

2/9

(1) ORGAN

Cabinet	Double-Decked, Great exposed
Wood & Finish	Rift Sawn Oak to customer's sample
Action	Electro-Pneumatic
Wind Pressure	See Pipe Analysis
Pitch	A-440 @ 70° F

(2) CONSOLE

Cabinet	Standard Design, Special Size
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	Draw Knobs & Tilting Tablets
Action	All electric with under-key contacts

(3) BLOWER (located behind organ)

Type	<i>Centur 6121 R. 1</i> Meidinger 1004, .8 HP, 3360 RPM
Wind	440 c.f.m. @ 4", 6" outlet <i>5 1/2" x 5" outlet</i>
Current Specification	1 Phase - 60 Cycles - 208 Volts - <i>3.6</i> Amperes
Overall Size	<i>1'-9 1/4" x 1'-7 5/8" x 1'-11 3/4" 5.3</i> <i>1'-11 3/8" 1'-7 9/16" x 1'-9"</i>

(4) POWER UNIT (located behind organ)

Rating	DC output: 10-15 Volts, 30 Amperes
AC Input	1 Phase - 60 Cycles - 120 Volts - 10 Amperes
Overall Size	16-3/4" long x 11" wide x 7-1/4" high

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GREAT ORGAN (Exposed)

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--(repeat 5 top notes)-----61 notes
8	2	Flute-----	-----from #1--(repeat 5 top notes)-----61 notes
9	III-IV	Mixture-----	-----208 pipes
10		Chimes---	Mayland tubes & electric actions, relay, transformer & volume control, A to F - #22 to #42-----21 tubes
11		Tremolo	

SWELL ORGAN (Expressive)

12	8	Rohrflöte-----	85 pipes
13	8	Gemshorn -----	80 pipes
14	8	Gemshorn Celeste TC (prep. for in console only)	
15	4	Rohrflöte -----from #12-----	61 notes
16	4	Gemshorn-----from #13-----	61 notes
17	2	Rohrflöte-----from #12-----	61 notes
18	1-1/3	Larigot-----from #13--(repeat top octave)-----	61 notes
19	1	Siffloete-----from #12--(repeat top octave)-----	61 notes
20	16	Contre Trompette-----	80 pipes
21	8	Trompette-----from #20-----	61 notes
22	4	Clairon-----from #20--(repeat 5 top notes)-----	61 notes
23		Tremolo	

PEDAL ORGAN

24	16	Principal-----12 pipes, 20 from #2-----	32 notes
25	16	Bourdon-----from #1-----	32 notes
26	8	Principal-----from #2-----	32 notes
27	8	Rohrflöte-----from #12-----	32 notes
28	4	Octave-----from #2-----	32 notes
29	4	Gedeckt-----from #1-----	32 notes
30	III	Mixture-----from #9-----	32 notes
31	16	Contre Trompette---from #20-----	32 notes
32	4	Clairon-----from #20-----	32 notes

COUPLERS

33	Great to Pedal
34	Swell to Pedal
35	Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4
General Cancel

Affecting Full Organ

PEDAL MOVEMENTS

Balanced Expression Pedal - Swell Organ (8 contacts, make to close)
Balanced Crescendo Pedal with indicator light (green jewel)

ACCESSORIES

Concave, radiating pedal clavier
Organ bench with music shelf
Transparent music rack
Music rack light
Pedal light
Blower and power unit on-off switch (lock type) with indicator light (amber jewel)
and related electrical wiring.

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
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GREAT ORGAN

Bourdon	16	92	CCC to BBB Reg. Man. CC 56	Bourdon 21-1/2	2/9	Wood 17 Zinc, CM	3-1/2"
Principal	8	80	45	17-1/2	1/4	19 Zinc SM	3-1/2"
Mixture	III-IV	208	See Formula Below			SM	3-1/2"

SWELL ORGAN

Rohrflöte	8	85	56	21-1/2	2/9	18 Zinc SM	3-1/2"
				Sm. I.S. Chimneys 19-62 Pull in 12 scales between #62 & 73			
Gemshorn	8	80	CC 56 C 68-1/2 #56 98	19-1/2 19-1/2 17-1/2	2/9 2/9 1/6	17 Zinc SM	3-1/2"
Contre Trompette 16		80	3" CCC to FF half length FF# & up full length			D(F) Eschallots Zinc & SM	3-1/2"

PEDAL ORGAN

Principal	16	12	33	17-1/2	^{1/4} 2/9	Zinc	3-1/2"
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GREAT III-IV MIXTURE FORMULA

	22	19	15	12	12	12
	26	22	19	15	15	15
	29	26	22	19	19	
		29	26	22		
1-17	18-29	30-36	37-49	50-54	55-61	
Unison	47 Sc.	17-1/2	1/4 mouth	SM		
Quint	49 Sc.	17-1/2	1/4 mouth	SM		