

AR SERIES ORGAN
 EARMARK FOR
 #11033 MEMORIAL UNITED METHODIST CHURCH, CALEDONIA, OHIO
 SPECIFICATIONS FOR A SERIES 70-B ORGAN

2/9

GENERAL

(1) ORGAN

Great Organ	No Enclosure
Swell Organ	Standard Design without grille
	Layout will be supplied
Wood & Finish	Fir Plywood, Dull Charcoal Brown
Action	Electro-Pneumatic (unit type)
Wind Pressure	Offsets 4-1/2", Trebles 3-1/2"
Pitch	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard Design
Wood & Finish	Rift Sawn Oak to customer's sample
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	2-P-2116 - 1/2 H.P - 1750 RPM
Rating	500 c.f.m. @ 4" - 6" outlet
Current Specification	1 Ph - 60 Cy - 110 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 Organ space)

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

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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	Genshorn.....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		Carillon Bells (provide slide in console #1-61)	<i>mayland tubes</i>
11		Tremolo <i>and electric actions, relay transformer and volume control A. #22 to F. #42 - - - 2 tubes</i>	

SWELL ORGAN (Enclosed)

12	8	Spitzflöte.....(low octave from #13).....	73 pipes
13	8	Genshorn.....	85 pipes
14	8	Genshorn Celeste T.C.....	49 pipes
15	4	Spitzflöte.....from #12.....	61 notes
16	2	Spitzflöte.....from #12.....	61 notes
17	1-1/3	Larigot.....from #13 (repeat 7 top notes).....	61 notes
18	16	Contre Trompette.....	85 pipes
19	8	Trompette.....from #18.....	61 notes
20	4	Clairon.....from #18.....	61 notes
21		Tremolo	

PEDAL ORGAN

22	16	Bourdon.....from #1.....	32 notes
23	8	Principal.....from #2.....	32 notes
24	8	Gedeckt.....from #1.....	32 notes
25	8	Genshorn.....from #13.....	32 notes
26	4	Octave.....from #2.....	32 notes
27	4	Spitzflöte.....from #12.....	32 notes
28	III	Mixture.....from #7 & 9.....	32 notes
29	16	Contre Trompette.....from #18.....	32 notes
30	8	Trompette.....from #18.....	32 notes
31	4	Clairon.....from #18.....	32 notes

COUPLERS

32 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

Affecting Full Organ

PEDAL MOVEMENTS

Balanced Expression Pedal - Swell Organ (8 contacts, reverse system)

~~Balanced Expression Pedal - Carillonic Bells~~

Balanced Crescendo Pedal with indicator light (Green jewel)

~~Balanced Expression Pedal - Great Organ (8 contacts, reverse system)~~ACCESSORIESMotor 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 light

Pedal light

~~Carillonic Bells Control Panel~~

Legs and bearers to elevate organ

PIPE ANALYSIS

<u>STOP</u>	<u>PITCH</u>	<u>PIPES</u>	<u>SCALE</u>	<u>HALVING</u>	<u>MOUTH</u>	<u>METAL</u>	<u>WIND PRESSURE</u>
<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"
			C & 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

Spitzflote TC	8	73	60-2/3 @ 4'C	19-1/2	2/9	5 Zinc S.M.	3-1/2"
Gemshorn	8	85	CC 54- 53	17-1/2	2/9 1/4	17 Zinc S.M.	
			#56 102-2/3	18-1/2	2/9		3-1/2"
			C 66 1/3	17-1/2	1/4		
Gemshorn Celeste T.C.	8	49	56-1/3 @ 8' CC	17-1/2	1/5	5 Zinc S.M.	3-1/2"
Contre Trompette	16	85	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			
	1-32	33-46	47-51	52-56	57-61
Unison	48 Sc.	17-1/2	1/4 mouth	S.M.	
Quint	49 Sc.	17-1/2	1/4 mouth	S.M.	