

AR SERIES ORGAN
 EARMARK FOR
 #11407, BENEVOLA UNITED METHODIST CHURCH, BENEVOLA, MD.
 SPECIFICATIONS OF A 6 RANK SERIES 70 ORGAN

29

GENERAL

(1) ORGAN

Cabinet	<i>Chamber installation, no cabinet</i>
Wood & Finish	Standard design without grille Silvite, charcoal brown
Action	Layout will be supplied Electro-Pneumatic (unit type)
Wind Pressure	See Pipe Analysis
Pitch	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard design with roll top
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 blower area)

Type	Meidinger 1004 - .8 H.P. - 3360 RPM - 6" outlet
Wind	260 c.f.m. @ 4"
Current Specifications	1 Ph - 60 Cy - 230 Volts - 3.6 Amperes
Overall Size	1' - 9-1/4" x 1' - 7-5/8" x 1' - 11-3/4" high

(4) POWER UNIT (located in blower area)

Rating	DC Output: 10 to 15 Volts - 30 Amperes
Current Specification	AC Input: 1 Ph - 60 Cy - 115 Volts - 10 Amperes
Overall Size	14-1/2" long x 10-3/4" x 7" high

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GREAT ORGAN (unenclosed)

1	16	Bourdon-----from #10 & ²¹ 22 -----61 notes
* 2	8	Principal -----85 pipes
3	8	Gedackt-----from #10-----61 notes
4	8	Gemshorn-----from #11-----61 notes
5	4	Octave-----from #2-----61 notes
6	4	Gedackt-----from #10 -----61 notes
7	2	Super Octave---from #2-----61 notes
8	III-IV	Mixture -----208 pipes
9		Chimes <i>Mayland tubes & electric actions, relay transformer</i> <i>and volume control, A to F - # 22 to # 42 - 21 tubes</i>

* Exposed

SWELL ORGAN (enclosed)

10	8	Gedackt-----	80 pipes
11	8	Gemshorn-----	80 pipes
12	8	Gemshorn Celeste TC-----	49 pipes
13	4	Gedackt-----from #10-----	61 notes
14	4	Gemshorn -----from #11-----	61 notes
15	2	Flute-----from #10-----	61 notes
16	1-1/3	Larigot-----from #11--(repeat 12 top notes)-----	61 notes
17	1	Sifflöte-----from #10--(repeat 17 top notes)-----	61 notes
18	8	Trompette-----	61 pipes
19	4	Clarion-----from #18--(repeat 12 top notes)-----	61 notes
20		Tremolo	

PEDAL ORGAN

21	16	Bourdon-----12 pipes, 20 from #10-----	32 notes
22	8	Principal-----from #2-----	32 notes
23	8	Gedackt-----from #10-----	32 notes
24	4	Octave-----from #2-----	32 notes
25	4	Gedackt-----from #10-----	32 notes
26	III	Mixture-----from #8 -----	32 notes
27	8	Trompette -----from #18-----	32 notes
28	4	Clarion-----from #18-----	32 notes
21A	32	<i>Resultant from 210 & #21</i>	<i>32 notes</i>

COUPLERS

29	Great to Pedal
30	Swell to Pedal
31	Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4-5-6
General Cancel

Affecting Full Organ

PEDAL MOVEMENTS

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 (toggle 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

Principal	8	85	48	18-1/2	1/4	17 Zinc S.M.	3-1/2"
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Mixture	III-IV	208	See Formula Below				
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SWELL ORGAN

Gedeckt	8	80	CC to BB Reg. Artiste Tapered Bass			Wood)	
			TC 68	21-1/2	2/9	5 Zinc C.M.)	3-1/2"

Gemshorn	8	80	CC 56	19-1/2	2/9	)	
			C 68-1/2	19-1/2	2/9	)	3-1/2"
		#56 98		17-1/2	1/6	17 Zinc S.M.)	

Gemshorn Celeste	8 TC	49	56-1/2 @ 8' CC	19-1/2	2/9	5 Zinc S.M.	3-1/2"
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Trompette	8	61	2" CC to FF half length			D(F) Eschallots	
			FF# up full length			Zinc & S.M.	3-1/2"

PEDAL ORGAN

Bourdon	16	12	Reg. Manual Bourdon			Wood	3-1/2"
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III-IV Rks. 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. @ 8'	17-1/2	1/4 mouth	S.M.
Quint	49 Sc. @ 8'	17-1/2	1/4 mouth	S.M.