

AR SERIES ORGAN
 EARMARK FOR
 #11003 HUFFMAN MEMORIAL UNITED METHODIST CHURCH, ST. JOSEPH, MO.
 SPECIFICATIONS FOR A 9 RANK SERIES 70 ORGAN

2/11

GENERAL

(1) ORGAN

Cabinets	Two (2) standard Series 70 design without grilles. Layout will be supplied.
Wood & Finish	Fir plywood finished 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 Series 70 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

Type	<i>Meidinger #1004 - .8 HP - 3360 RPM</i>
Rating	Kinetic Style 2-P-2116 - 1 1/2 HP - 1730 RPM
Current Specifications	500 c.f.m. @ 4" - 6" outlet
Overall Size	1 Ph - 60 Cy - 220 Volts - 3.6 Amperes
	2' - 5-3/4" x 1' - 10-3/8" x 2' - 6-1/4"
	<i>1' - 7-5/8" L. x 1' - 9-1/4" W. x 1' - 11-7/8" H.</i>

(4) POWER UNIT (located under organ)

Rating	DC Output - 10-15 Volts - 30 Amperes
Current Specification	AC Input: 1 Ph - 60 Cy - 220 Volts - 5 Amperes
Overall Size	14-1/2" long x 10-3/4" wide x 7" high

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CONSOLE AND ORGAN

GREAT ORGAN (Unenclosed)

1	16	Bourdon.....	97
2	8	Principal.....	73
3	8	Gedackt.....from #1.....	61
4	8	Gemshorn.....from #13.....	61
5	4	Octav.....from #2.....	61
6	4	Gedackt.....from #1.....	61
7	2	Flute.....from #1.....	61
8	III	Mixture.....	183
9	4	Trichter Regal.....	61
10		Chimes....prepared for in console only	
11		Tremolo	

SWELL ORGAN (Enclosed)

12	8	Rohrflote.....	73	pipes
13	8	Gemshorn.....	80	pipes
14	8	Gemshorn Celeste TC.....	49	pipes
15	4	Spitzprincipal.....	73	pipes
16	4	Rohrflote.....from #12.....	61	notes
17	2	Spitzoctave.....from #15.....	61	notes
18	1-1/3	Larigot.....from #13....repeat 12 top notes.....	61	notes
19	16	Contre Trompette.....	80	pipes
20	8	Trompette.....from #19.....	61	notes
21	4	Clairon.....from #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	Gedackt.....from #1.....	32	notes
26	8	Gemshorn.....from #13.....	32	notes
27	4	Octav.....from #2.....	32	notes
28	4	Rohrflote.....from #12.....	32	notes
29	III	Mixture.....from #8.....	32	notes
30	16	Contre Trompette....from #19.....	32	notes
31	8	Trompette.....from #19.....	32	notes
32	4	Trichter Regal.....from #9.....	32	notes

COUPLERS

33 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 Crescendo Pedal with indicator light (Green jewel)

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

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
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GREAT ORGAN

Bourdon	16	97	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"
			TC Reg. Artiste Trebles	Wood, SM	)		
Principal	8	73	CC 52 TC 60	18-1/2	1/4	12 Zinc S.M.)	1-12 4-1/2"
						13-17 Zinc & S.M.)	13 up 3-1/2"
						18 up S.M.)	
Mixture	III	183	See Formula Below				3-1/2"
Trichter Regal	4	61	2-1/2" Brass Tube, Funnel Top	D(F)	Eschallots		3-1/2"

SWELL ORGAN

Rohrflote	8	73	56	21-1/2	2/9	Sm. O.S. Chimneys	
						12 Zinc S.M.	3-1/2"
Gemshorn	8	80	CC 54-1/3	17-1/2	2/9 ^{1/4}	12 Zinc S.M.)	3-1/2"
			#56 102-2/3	20-1/2 ¹⁸	2/9	)	
Gemshorn Celeste TC	8	49	55-1/3	17-1/2	1/5 ^{1/4}	5 Zinc S.M.	3-1/2"
Spitzprincipal	4	73	60- ^{2/3} 3/4	18-1/2	1/4	5 Zinc S.M.	3-1/2"
Contre Trompette	16	80	2-1/2"	CCC to FF half length			
				FF# up full length		Zinc & S.M.	3-1/2"
				D(F) Eschallots			

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GREAT III MIXTURE FORMULA

15	12	8	
19	15	12	
22	19	15	
<u>1-42</u>	<u>43-48</u>	<u>49-61</u>	
Unison 50 Sc.	18-1/2	1/4 mouth	S.M.
Quint 51 Sc.	18-1/2	1/4 mouth	S.M.