

AR SERIES ORGAN
 EARMARK FOR
 10929, RESIDENCE OF JOCHE WILMOT, GAITHERSBURG, MD.
 SPECIFICATIONS FOR SERIES 70-8B ORGAN

2/10

GENERAL

(1) ORGAN

Great Organ	Exposed, Supply enclosure
Swell Organ	Standard Series 70 design
	Organ layout will be supplied
Wood & Finish	Rift Sawn Oak to customer's sample M-4150-2
Fabric	Mellotone
Action	Electro-Pneumatic (unit type)
Wind Pressure	Offsets 4-1/2", Trebles 3-1/2"
Pitch	A-440 @ 70 F

(2) CONSOLE

Cabinet	Special Series 70 Design
Wood & Finish	Rift Sawn Oak to customer's sample M-4150-2
Manuals	Two and Pedal
Manual Compass	CC to C4, 61 notes
Pedal Compass	CCC to G, 32 notes
Stop Controls	Draw Knobs
Action	All Electric

(3) BLOWER

Type	Meidinger #1004, .7 HP, 3360 RPM
Rating	500 c.f.m. @ 4", 5-5/8" diam. outlet
Current Specification	1 Ph - 60 Cy - 110 Volts - 7 Amperes
Overall Size	1' - 7-5/8" x 1' - 9-1/4" x 2' - 0" high

(4) POWER UNIT (One Required)

Rating	DC Output - 10-15 Volts - 30 Amperes
Current Specifications	AC Input: 1 Ph - 60 Cy - 110 Volts - 10 Amps.
Overall Size	1' - 6-1/2" long x 11-1/8" wide x 7-3/16" high

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CONSOLE AND ORGAN

GREAT ORGAN (Exposed)

1	16	Bourdon.....	97 pipes
2	8	Principal.....	73 pipes
3	8	Gedeckt.....from #1.....	61 notes
4	8	Gemshorn.....from #13.....	61 notes
5	4	Octav.....from #2.....	61 notes
6	4	Gedeckt.....from #1.....	61 notes
7	2	Flute.....from #1.....	61 notes
8	III	Mixture.....	183 pipes
9	4	Trichter Regal.....	61 pipes
10		Chimes..... xxxxxxx xxxxxxx Mayland tubes	
11		Tremolo	& electric action, relays, transformer & volume control, G to G, #20 to #44 25 tubes

SWELL ORGAN

12	8	Spitzflöte.....(low octave from #13).....	73 pipes
13	8	Gemshorn.....	85 pipes
14	8	Gemshorn 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	Gemshorn.....from #13.....	32 notes
26	4	Octav.....from #2.....	32 notes
27	4	Spitzflöte.....from #12.....	32 notes
28	III	Mixture.....from #8.....	32 notes
29	16	Contre Trompette....from #18.....	32 notes
30	8	Trompette.....from #18.....	32 notes
31	4	Trichter Regal.....from #8.....	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 Crescendo Pedal with indicator light (Green jewel)

ACCESSORIES

Motor and power unit on-off switch (lock type) with indicator light (red jewel)
and related wiring.
Music rack light
Pedal light
Concave and radiating pedal keyboard
Organ bench with music shelf

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 CC 56	20-1/2	2/9	Wood SM	3-1/2"
Principal	8	73	CC 52 TC 60	18-1/2	1/4	¹⁸ Zinc SM	3-1/2"
Mixture	III	183	See Formula Below				3-1/2"
Trichter Regal	4	61	2-1/2" Brass Tubes, Funnel Top			D(F) Eschallots	3-1/2"

SWELL ORGAN

Spitzflote T.C.	8	73	60-2/3 @ 4' C	19-1/2	2/9	SM	3-1/2"
Gemshorn	8	85	CC 54-1/3 #56 102-2/3	17-1/2 20-1/2	2/9 2/9	12 Zinc SM	3-1/2"
Gemshorn Celeste T.C.	8	49	56-1/3 @ 8' CC	17-1/2	1/5	SM	3-1/2"
Contre Trompette	16	85	2-1/2" CCC to FF half length FF# up full length D(F) Eschallots			Zinc & SM	3-1/2"

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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.