

AR SERIES ORGAN
 EARMARK FOR
 11643 - CHURCH OF THE RESURRECTION, MIAMI, FLORIDA
 SPECIFICATIONS FOR SERIES 80-12 ORGAN
 To be completed - February 15, 1984

2/12 H

GENERAL

(1) ORGAN

Great Organ	Exposed, Provide enclosure and Pipe screen
Swell Organ	Standard Design with elongated end & grilles
Wood & Finish	Rift Sawn Oak, M-4150-2 <i>to customer sample</i>
Action	Electro-Pneumatic (unit type)
Wind Pressure	See Pipe Analysis
Pitch	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard Design
Wood & Finish	Rift Sawn Oak, M-4150-2 <i>to customer sample</i>
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 with under-key contacts

(3) BLOWER (located behind organ space)

Type	2-P-2116 - 1/2 HP - 1750 RPM
Wind	420 c.f.m. @ 4" - 6" outlet
Current Specification	1 Phase - 60 Cycles - 120 Volts - 7.2 Amperes
Overall Size	2' - 5 3/4" x 1' - 10 3/8" x 2' - 6-1/4" high

(4) POWER UNIT (Mounted below Swell organ cabinet)

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

CONSOLE AND ORGAN

GREAT ORGAN (Exposed)

1	16	Bourdon -----	92 pipes
2	8	Principal -----	80 pipes
3	8	Gedackt -----from #1 -----	61 notes
4	8	Gamshorn -----from #14-----	61 notes
5	4	Octave -----from #2 -----	61 notes
6	4	Gedackt -----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	II Rks.	Sesquialtera TC -----	98 pipes
10	III-IV Rks.	Mixture -----	208 pipes
11		Chimes---Mayland Tubes and electric action, relay, transformer & volume control, A to F, #22 to 42-----	21 tubes
12		Tremolo	

SWELL ORGAN (Enclosed)

13	8	Rohrflöte-----	73 pipes
14	8	Gemshorn-----	80 pipes
15	8	Gemshorn Celeste TC----(prepared for in console only)	
16	4	Spitzprincipal-----	73 pipes
17	4	Rohrflöte -----from #13-----	61 notes
18	2	Spitzoctave-----from #16-----	61 notes
19	1-1/3	Larigot-----from #14--(repeat top octave)-----	61 notes
20	1	Klein Octave-----from #16--(repeat top octave)-----	61 notes
21	16	Contre Trompette-----	80 pipes
22	8	Trompette -----from #21-----	61 notes
23	4	Clairon -----from #21--(repeat 5 top notes)-----	61 notes
24		Tremolo	

PEDAL ORGAN

25	16	Bourdon-----from #1-----	32 notes
26	8	Principal-----from #2-----	32 notes
27	8	Rohrflöte-----from #13-----	32 notes
28	4	Octave-----from #2 -----	32 notes
29	4	Gedeckt-----from #3 -----	32 notes
30	III Rks.	Mixture -----from #10 -----	32 notes
31	16	Contre Trompette---from #21 -----	32 notes
32	4	Clairon -----from #21-----	32 notes

COUPLERS

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

ADJUSTABLE COMBINATIONS

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

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 with light
- Pedal light
- Motor 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	REMARKS	WIND PRESSURE
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GREAT ORGAN

Bourdon	16	92	CCC to BBB Reg. Man. Bourdon CC to BB Reg. Art. Tapered Bass TC 68	21-1/2	2/9	Wood Wood 5 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				
Sesquialtera TC	II	98	See Formula Below				

SWELL ORGAN

Rohrflöte	8	73	56	21-1/2	2/9	18 Zinc CM Sm. I.S. Chimneys #19-62 No break, pull in 8 scales between #62 & 73	3-1/2"
Genshorn	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"
Spitzprincipal	4	73	60-2/3	18-1/2	1/4	7 Zinc CM	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"

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	

GREAT II SESQUIALTERA TC FORMULA

12	10
17	12
13-56	57-61

2-2/3 74 Sc. @ #13 17-1/2 2/9 mouth SM (Pull in 6 scale between #50-61)
 1-3/5 82 Sc. @ #13 17-1/2 1/5 mouth SM (Pull in 6 scale between #45-56, break at #57)