

AR SERIES ORGAN
EARMARK FOR
#11686 - CHRIST EPISCOPAL CHURCH, MIAMI, FLORIDA
SPECIFICATIONS FOR SERIES 80-10+ ORGAN
TO BE COMPLETED - JULY 1, 1985

GENERAL

(1) ORGAN

Great & Pedal Organs	Exposed, provide enclosure
Swell Organ	Standard cabinet, special grilles
Wood & Finish	Rift Sawn Oak, M-4150-2
Action	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, M-4150-2
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 Two(2) Required (Mounted in Organs)

Great Organ

Type	Ventus #610510 - .25 HP - 2800 RPM
Wind	160 c.f.m. @ 4" - 4" outlet
Current Specification	1 Phase - 60 Cycles - 120 Volts - 2.2 Amperes
Overall Size	1' - 2-3/4" x 1' - 5-3/4" x 1' - 4-1/16" high

Swell Organ

Type	Ventus #610810 - .45 HP - 2800 RPM
Wind	220 c.f.m. @ 4" - 4" outlet
Current Specification	1 Phase - 60 Cycles - 120 Volts - 4 Amperes
Overall Size	1' - 2-3/4" x 1' - 6-1/16" x 1' - 4-1/16" high

(4) POWER UNIT (Mounted in Great Organ)

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 ORGANGREAT ORGAN - Exposed

1	16	Bordun-----	92 pipes
2	8	Principal-----	80 pipes
3	8	Bordun -----from #1-----	61 notes
4	8	Gemshorn-----from #13-----	61 notes
5	4	Octave-----from #2-----	61 notes
6	4	Gedeckt-----from #1-----	61 notes
7	2	Super Octave-----from #2--(repeat 5 top notes)-----	61 notes
8	2	Flöte-----from #1--(repeat 5 top notes)-----	61 notes
9	III-IV Rks.	Mixtur -----	208 pipes
10		Chimes---Mayland bells and electric action, relay, transformer and volume control, A to F, #22 to #42-----	21 bells
11		Tremolo	

SWELL ORGAN - Enclosed

12	8	Rohrflöte-----	73 pipes
13	8	Gemshorn-----	80 pipes
14	8	Celeste TC-----	49 pipes
15	4	Spitzprincipal-----	73 pipes
16	4	Rohrflöte-----from #12-----	61 notes
17	2	Spitzoctave-----from #15-----	61 notes
18	1-1/3	Quint-----from #13--(repeat top octave)-----	61 notes
19	1	Kleinoctav-----from #15--(repeat top octave)-----	61 notes
20	16	Contre Trompette-----	80 pipes
21	8	Trompette-----from #20-----	61 notes
22	4	Clairon -----from #20--(repeat top notes)-----	61 notes
23		Tremolo	

PEDAL ORGAN

24	16	Bordun-----from #1-----	32 notes
25	8	Principal-----from #2-----	32 notes
26	8	Rohrflöte-----from #12-----	32 notes
27	4	Octave-----from #2-----	32 notes
28	4	Flöte -----from #1-----	32 notes
29	III Rks.	Mixture-----from #9-----	32 notes
30	16	Contre Trompette -----from #20-----	32 notes
31	4	Clairon-----from #20-----	32 notes

COUPLERS

32	Great to Pedal
33	Swell to Pedal
34	Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4-5

Affecting Entire Organ

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

Roll top

Motor & power unit on-off switch (lock type) with indicator light(amber jewel) & related electrical wiring.

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	REMARKS	WIND PRESSURE
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GREAT ORGAN - Exposed

Bordun	16	92	CCC to BBB Reg. Man. CC 56	21-1/2	Bourdon 2/9	Wood C.M.	3-1/2"
Principal	8	80	45	17-1/2	1/4	15 Zinc S.M.	3-1/2"
Mixtur	III-IV	208	See Formula Below				3-1/2"

SWELL ORGAN - Enclosed

Rohrflöte	8	73	56	21-1/2	2/9	18 Zinc C.M. Sm I.S. Chimneys #19-62 Pull in 8 scales between #62 & 73	3-1/2"
Gemshorn	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 S.M.	3-1/2"
Celeste TC	8	49	52-1/2 @ CC	19-1/2	2/9	5 Zinc S.M.	3-1/2"
Spitzprincipal	4	73	60-2/3	18-1/2	1/4	7 Zinc C.M.	3-1/2"
Contre Trompette	16	80	3" CCC to FF half length FF# up full length			B(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	S.M.	
Quint	49 Sc.	17-1/2	1/4 mouth	S.M.	