

AR SERIES ORGAN
EARMARK FOR
#11116, UNITED CHURCH OF NAPLES, NAPLES, FLORIDA
SPECIFICATION OF AN 8 RANK SERIES 70 ORGAN

210

GENERAL

(1) ORGAN

Great	Standard design without grilles
Swell	Standard design without grilles
Wood & Finish	Silvite, Dull Charcoal Brown
	Organ layout will be supplied
Action	Electro-Pneumatic
Wind Pressure	See Pipe Analysis
Pitch	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard Design
Wood & Finish	<i>Burck</i> 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	2-P-2116 - 1/2 HP - 1750 RPM - 6" outlet
Rating	500 c.f.m. @ 4"
Current Specification	1 Ph - 60 Cy - 110 Volts - 7.2 Amperes
Overall Size	2' - 5-3/4" x 1' - 10-3/8" x 2' - 6-1/4" high

(4) POWER UNIT (located in console)

Rating	DC Output 10-15 Volts, 30 Amperes
Current Specification	1 Ph - 60 Cy - 110 Volts - 10 Amperes
Overall Size	14-1/2" L x 10-3/4" W x 7" H

CONSOLE AND ORGAN

GREAT ORGAN

1	16	Bourdon.....	92 pipes
2	8	Principal.....	80 pipes
3	8	Gedecktfrom #1	61 notes
4	8	Gemshornfrom #14	61 notes
5	8	Gemshorn Celeste TC.....from #15	61 notes
6	4	Octavefrom #2	61 notes
7	4	Gedecktfrom #1	61 notes
8	2	Super Octavefrom #2..(repeat 5 top notes).....	61 notes
9	2	Flutefrom #1..(repeat 5 top notes).....	61 notes
10	II-III	Mixture	126 pipes
11		Chimes.....Mayland tubes & electric actions, relay, transformer and volume control A-#22 to F-#42.....	21 tubes
12		Tremolo	

SWELL ORGAN

13	8	Rohrflote.....	73 pipes
14	8	Gemshorn	80 pipes
15	8	Gemshorn Celeste TC.....	49 pipes
16	4	Spitzprincipal	73 pipes
17	4	Rohrflotefrom #13	61 notes
18	2	Spitzoctavefrom #16	61 notes
19	1-1/3	Larigotfrom #14..(repeat 12 top notes).....	61 notes
20	16	Contre Trompette.....	80 pipes
21	8	Trompette.....from #20	61 notes
22	4	Claironfrom #20..(repeat 5 top notes)	61 notes
23		Tremolo	

PEDAL ORGAN

24	16	Bourdon.....from #1.....	32 notes
25	8	Principalfrom #2.....	32 notes
26	8	Gedacktfrom #1.....	32 notes
27	8	Gemshornfrom #14	32 notes
28	4	Octavefrom #2	32 notes
29	4	Rohrflotefrom #13	32 notes
30	III	Mixturefrom #8 & 10	32 notes
31	16	Contre Trompettefrom #20	32 notes
32	8	Trompettefrom #20	32 notes
33	4	Claironfrom #20	32 notes

COUPLER

34 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3	Affecting Great Stops
Pistons No. 1-2-3	Affecting Swell Stops
Toe Studs No. 1-2-3	Affecting Pedal Stops
Pistons No. 1-2-3-4	Affecting Full Organ
General Cancel	

PEDAL MOVEMENTS

Balanced Expression Pedal - Great Organ (8 contacts, reverse system)
 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 electrical 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
<u>GREAT ORGAN</u>							
Bourdon	16	92	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 up Reg. Artiste Treble	Wood & S.M.)			
Principal	8	80	CC 52 TC 60	18-1/2	1/4	17 Zinc S.M.	1-12 4-1/2" 13 up 3-1/2"
Mixture	II-III	126	See Formula Below			S.M.	3-1/2"
<u>SWELL ORGAN</u>							
Rohrflöte	8	73	56	21=1/2	2/9	S.M. O.S. Chimneys (19-62) 18 Zinc S.M.	3-1/2"
Gemshorn	8	80	CC 54	17-1/2			
			C 66-1/3	17-1/2	2/9	17 Zinc S.M.	3-1/2"
			#56 102-2/3	18-1/2			
Gemshorn Celeste	8 TC	49	56-1/3 @ 8'	CC	17-1/2 2/9	5 Zinc S.M.	3-1/2"
Spitzprincipal	4	73	60-3/4	18-1/2	1/4	5 Zinc S.M.	3-1/2"
Contre Trompette	16	80	2-1/2"	CCC to FF half length	D(F) Eschallots		
			FF# 7 up	Full length	Zinc & S.M.		3-1/2"

GREAT II-III MIXTURE FORMULA

	19	12	12	12	15
	22	19	19		
		22			
	1-37	38-49	50-53	54-56	57-61
Unison	47 Sc.	17-1/2	1/4 mouth	S.M.	
Quint	49 Sc.	17-1/2	1/4 mouth	S.M.	