

AR SERIES ORGAN
 EARMARK FOR
 #11655 - THE PALISADES COMMUNITY CHURCH, WASHINGTON, D. C.
 SPECIFICATIONS FOR SERIES 80-8 + CELESTE ORGAN
 TO BE COMPLETED APRIL 1, 1984

2/10

GENERAL

(1) ORGAN

Cabinet
 Wood & Finish
 Action
 Wind pressure
 Pitch

Small Organ, Standard Design, layout will be supplied.
Great Organ, Chamber, to customer's paint sample
 Electro-Pneumatic (unit type) *charcoal brown*
 See Pipe Analysis
 A-440 @ 70°F

(2) CONSOLE

Cabinet
 Wood & Finish
 Manuals
 Manual Compass
 Pedal Compass
 Stop Controls
 Action

Standard Design
 Birch to customer's paint and
 stain samples.
 Two and Pedal
 CC to C4, 61 notes
 CCC to G, 32 notes
 Tilting Tablets
 All Electric with under-key contacts

(3) BLOWER

Type
 Wind
 Current Specification
 Overall Size

2-P-2116 - 1/2 H.P. - 1750 RPM - 6" outlet
 380 c.f.m. @ 4"
 1 Phase - 60 Cycles - 240 Volts - 3.6 Amperes
 2' - 5-3/4" long x 1' - 10-3/8" wide x 2' - 6-1/4" high

(4) POWER UNIT (mounted in organ space)

Rating
 AC Input
 Overall Size

DC Output: 10-15 Volts - 30 Amperes
 1 Phase - 60 Cycles - 120 Volts - 10 Amperes
 16-3/4" long x 11" wide x 7-1/4" high

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CONSOLE AND ORGAN

GREAT ORGAN

* 1	8	Principal-----	85 pipes
2	8	Rohrflöte -----from #9	61 notes
3	8	Gemshorn-----from #10	61 notes
4	4	Octave-----	61 pipes
5	4	Rohrflöte -----from #9	61 notes
6	2	Super Octave -----from #1	61 notes
7	III-IV	Mixture -----	208 pipes
8		Chimes---Mayland tubes and electric action, relay, transformer and volume control, A to F, #22 to #42-----	21 tubes

(*) Exposed #5 to 25

SWELL ORGAN (Enclosed)

9	8	Rohrflöte-----	80 pipes
10	8	Gemshorn-----	80 pipes
11	8	Gemshorn Celeste TC-----	49 pipes
12	4	Rohrflöte -----from #9-----	61 notes
13	4	Gemshorn -----from #10-----	61 notes
14	2	Rohrflöte-----from #9--(repeat 5 top notes)-----	61 notes
15	1-1/3	Larigot-----from #10--(repeat top octave)-----	61 notes
16	1	Siffelöte-----from #9--(repeat 17 top notes)-----	61 notes
17	8	Trompette -----	61 pipes
18	4	Clairon -----from #17--(repeat top octave) -----	61 notes
19		Tremolo	

PEDAL ORGAN

* 20	16	Principal-----	24 pipes, 8 from #4-----	32 notes
** 21	16	Bourdon-----	12 pipes, 20 from #9-----	32 notes
22	8	Principal-----	from #20 & #4 -----	32 notes
23	8	Rohrflöte-----	from #9 -----	32 notes
24	4	Octave-----	from #4 -----	32 notes
25	4	Rohrflöte-----	from #9-----	32 notes
26	III	Mixture -----	from #4--(15, 19, 22) -----	32 notes
27	16	Contre Trompette---	12 pipes, 20 from #17 -----	32 notes
28	8	Trompette-----	from #17 -----	32 notes
29	4	Clairon-----	from #17 -----	32 notes

(*) Exposed #17 up

(**) Unenclosed

COUPLERS

29	Great to Pedal
30	Swell to Pedal
31	Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4-5-6

General Cancel

Affecting Full Organ

PEDAL MOVEMENTS

Tutti Reversible

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.GENERAL

Supporta and panelwork by M. P. Moller, Inc.

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	REMARKS	WIND PRESSURE
<u>GREAT ORGAN - Unenclosed</u>							
* Principal	8	85	45	17-1/2	1/4	²⁵ 19 Zinc S.M.	3-1/2"
Octave	4	61	56/68/80/94	17-1/2	1/4	7 Zinc S.M.	3-1/2"
Mixture	III-IV	208	See Formula Below				3-1/2"

* Exposed ~~15~~ to 25SWELL ORGAN - Enclosed

Rohrflöte	8	80	CC to BB Reg. Art. Tapered Bass TC 68	21-1/2	2/9	Wood 6 Zinc C.M. Sm. I.S. Chimneys 19-62 Pull in 12 scales between #62-73	#1-4 4-1/2" #5 up 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.	#1-12 4-1/2" #13 up 3-1/2"
Gemshorn Celeste TC	8	49	56-1/2 @ CC	19-1/2	2/9	5 Zinc S.M.	3-1/2"
Trompette	8	61	2-1/4"	#1-6	1/2 length	Zinc & S.M. D(F) Eschallots	3-1/2"

PEDAL ORGAN

* Principal	16	24	33/44	17-1/2	1/4	Zinc	3-1/2"
** Bourdon	16	12	Reg. Man. Bourdon			Wood	3-1/2"
Contre Trompette	16	12	3" 1/2 length			D(F) Eschallots Zinc	4-1/2"

* Exposed #17 up

** Unenclosed

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.	