

11778

OUR LADY OF THE VALLEY R.C. CHURCH, WAYNE, N.J.

SPECIFICATIONS FOR SERIES 80-12+ ORGAN

To be completed November 1, 1988

GENERAL

(1) ORGAN

Cabinets-2 required	With facade - layout to be provided
Wood & Finish	Standard Design with end access
Action	Walnut - to customer's sample
Wind Pressure	Electro-Pneumatic (unit type)
Pitch	See Pipe Analysis
	A-440 @ 70 degrees F.

(2) CONSOLE

Cabinet	Standard Design
Wood & Finish	Walnut - 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 with under-key contacts

(3) BLOWER (detached)

Type	Ventus 612112 - 1 HP - 3360 RPM
Wind	600 CFM @ 4" - 7" outlet
Current Specification	1 Phase 60 Cycles 120 Volts 5.3 Amperes
Overall Size	1'-7 1/4" wide x 1'-11 1/4" long x 1'-9" high

(4) POWER UNIT (mounted in organ space)

Rating	DC output - 11-15 Volts - ⁵⁰ 35 Amperes
AC Input	1 Phase 60 Cycles 120 Volts ⁹ 7.5 Amperes
Overall Size	11" wide x 11" deep x 5" high

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CONSOLE AND ORGAN

GREAT ORGAN - Enclosed

1	16	Bourdon.....	97 pipes
* 2	8	Principal.....	85 pipes
3	8	Gedeckt.....from #1.....	61 notes
4	8	Gemshorn.....from #14.....	61 notes
5	4	Octave.....from #2.....	61 notes
6	4	Gedeckt.....from #1.....	61 notes
7	2	Super Octave..from #2.....	61 notes
8	2	Gedeckt.....from #1.....	61 notes
9	II	Sesquialtera TC.....	98 pipes
10	III-IV	Mixture.....	224 208 pipes
**11	8	Bombarde.....	61 pipes
12		Tremolo	

* In facade as practical

** Unenclosed

SWELL ORGAN - Enclosed

13	8	Rohrflote.....	73	pipes
14	8	Gemshorn.....	80	pipes
15	8	Gemshorn Celeste TC.....	49	pipes
16	4	Spitzprincipal.....	73	pipes
17	4	Rohrflote.....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.....	85	pipes
22	8	Trompette.....from #21.....	61	notes
23	4	Clairon.....from #21.....	61	notes
24		Tremolo		

PEDAL ORGAN

* 25	16	Principal.....	56	pipes
26	16	Bourdon.....from #1.....	32	notes
27	8	Octave.....from #25.....	32	notes
28	8	Rohrflote.....from #13.....	32	notes
29	4	Choralbass.....from #25.....	32	notes
30	4	Gedeckt.....from #1.....	32	notes
31	III	Mixture.....from #10.....	32	notes
**32	16	Contre Bombarde....12 pipes, 20 from #11.....	32	notes
33	16	Contre Trompette...from #21.....	32	notes
34	8	Bombarde.....from #11.....	32	notes
35	4	Clairon.....from #21.....	32	notes

* (in facade as practical)

~~** (unenclosed)~~COUPLERS

36	Great to Pedal
37	Swell to Pedal
38	Swell to Great

ADJUSTABLE COMBINATIONS
Solid State - Single Memory

Pistons No. 1-2-3-4-5-6-7-8

Affecting Full Organ

General Cancel

Combination Adjustor

Combination Lock

PEDAL MOVEMENTS

Balanced Expression Pedal - Great Organ (8 contacts, make to close)

Balanced Expression Pedal - Swell Organ (8 contacts, make to close)

Balanced Crescendo Pedal with indicator light (green jewel)

ACCESSORIES

Concave, radiating pedal claviers

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 electric wiring

RVK/k 6/6/88

PIPE ANALYSIS

STOP _____ PITCH PIPES SCALE HALVING MOUTH REMARKS _____ W.P.

GREAT ORGAN - Enclosed

Bourdon	16	97	CCC Reg. Man. Bdn.	Wood	#1- ¹² 16	4-1/2"
			CC Reg. Art. Tap. Bass	Wood	#1 ³ up	3-1/2"
			TC 68	21	2/9 CM	

Principal	8	85	43/55/67/80/93	17	1/4	⁹ 12 Zinc SM	#1-30 4 1/2"
(in facade as practical)							#31 up 3 1/2"

Sesquialtera TC II		98	See formula			SM	3-1/2"
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Mixture	III-IV	208	See formula			SM	3-1/2"
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Bombarde	8	61	4" 42 Zinc & SM C(F) Esch. 3-1/2"				
(unenclosed)			3 1/2" 42 #1-6 (1/2L) Zinc + SM #1-12 4 1/2"				
			SWELL ORGAN - Enclosed			C(F) Esch. #13 up 3 1/2"	

Rohrflote	8	73	56	21	2/9	12 Zinc CM	3-1/2"
						Sm. I. S. Chimneys #19-62	

Gemshorn	8	80	CC 56	19	2/9	12 Zinc SM	3-1/2"
			C 68-1/2	19	2/9		
			#56 98	17	1/6		

Gemshorn Celeste 8 TC	49	CC 56-1/2	19	2/9	SM	3-1/2"
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Spitzprincipal	4	73	60-2/3	18	1/4	CM	3-1/2"
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Contre Trompette 16	85	3" CCC to FF half length	C(F) Esch.	3-1/2"
		FF# up full length	Zinc & SM	

PEDAL ORGAN

Principal	16	56	33/44	17	1/4	²¹ 24 Zinc SM	#1-42 4 1/2"
(in facade as practical)							#43 up 3 1/2"

Contre Bombarde	16	12	6" 42 Zinc B-C(F) Esch. 4-1/2"				
(unenclosed)			5" 3 1/2" 42 (1/2L) Zinc				
			B-C(F) Esch.			4 1/2"	

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GREAT II SESQUIALTERA IC FORMULA

12	10
17	12
13-56	57-61

2-2/3	74 Sc. @ #13	17-1/2	2/9 mouth	SM
1-3/5	82 Sc. @ #13	17-1/2	1/5 mouth	SM

PIPE ANALYSIS

STOP _____ PITCH _____ PIPES _____ SCALE _____ HALVING _____ MOUTH _____ REMARKS _____ W.P. _____

GREAT III-IV MIXTURE FORMULA

42	19	15	12	12	42	42
24	22	19	15	15	15	
22	26	22	19	19		
22	22	26	22			
1-12	13-18	19-30	31-49	50-54	55-56	57-61

Unison ~~47 Sc.~~ ~~18 1/2~~ 1/4 mouth SM
 Quint ~~50 Sc.~~ ~~18 1/2~~ 1/4 mouth SM

48 Sc. (@ 8') 17 1/2

48 Sc. (@ 8') 17 1/2

DMG/k