

SPECIFICATIONS FOR A SERIES 80-2 ORGAN
FOR
#11671 - NATIONAL SHRINE OF THE IMMACULATE CONCEPTION
WASHINGTON, D.C.
TO BE COMPLETED - SEPTEMBER 15, 1984

GENERAL

(1) ORGAN

Cabinet	Standard with doors over exposed pipes
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 (Attached)

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 (mounted in organ cabinet)

Type	Meidinger 602 - .15 HP - 3360 RPM
Wind	120 c.f.m. @ 4-1/4" - 3-1/8" outlet
Current Specification	1 Phase - 60 Cycles - 120 Volts - 2.2 Amperes

(4) POWER UNIT (mounted in organ cabinet)

Rating	DC Output 10-15 Volts - 30 Amperes
AC Input	1 Phase - 60 Cycles - 120 Volts - 10 Amperes

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CONSOLE AND ORGAN

MANUAL I

1	8	Rohrflöte-----90 pipes
2	4	Principal-----78 pipes
3	2	Blockflöte-----from #1-----61 notes
4	1	Klein Octave -----from #2---(repeat 7 top notes)-----61 notes

MANUAL II

5	8	Rohrflöte -----from #1-----61 notes
6	4	Spillflöte -----from #1-----61 notes
7	2	Octave -----from #2-----61 notes
8	1-1/3	Quintflöte -----from #1---(repeat 2 top notes)-----61 notes

PEDAL ORGAN

9	16	Bourdon-----12 pipes, 20 from 1-----32 notes
10	8	Rohrflöte-----from #1-----32 notes
11	4	Principal-----from #2-----32 notes
12	2	Octave -----from #2-----32 notes

ACCESSORIES

Concave, radiating pedal clavier

Organ bench with music shelf

Rigid wood 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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MANUAL I

Rohrflöte	8	90	#1-12 Reg. Artiste tapered bass					Wood	
			#13-30	68	21-1/2	(Rohrflöte)	2/9	S.I.S. Chimney	4-1/4"
							6 Zinc	S.M.	
			#31-49	76	18-1/2	(Spillflöte)	2/9	L.T.T.	S.M.
			#50 up	92	17-1/2	(Open Metal)	1/5		S.M.
Principal	4	78	60		17-1/2	#1-24	2/9		
						#25 up	1/4 5 Zinc	S.M.	4-1/4"

PEDAL ORGAN

Bourdon	16	12	RMB starting on #4 for scale but correct length for CCC					Wood	4-1/4"
			CCC 5-5/8" x 6-1/2" O.D.						
			BBB 3-11/16" x 4-7/16" O.D.						