

AR SERIES ORGAN
 EARMARK FOR
 #11654 THE CHURCH OF ST. ANTHONY OF PADUA, HACKENSACK, NEW JERSEY
 SPECIFICATIONS FOR SERIES 80-8 + CELESTE ORGAN
 TO BE COMPLETED - MAY 15, 1984

2/9
GENERAL

(1) ORGAN

Cabinet	Standard Design
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
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 below Great Organ "A")

Type	Meidinger #1002 - .4 HP - 3360 RPM
Wind	340 c.f.m. @ 4" - 5" outlet
Current Specification	1 Phase - 60 Cycles - 230 Volts - 2.2 Amperes
Overall Size	1' - 6 7/8" x 1' - 6-1/8" x 1' - 10-1/4" high

(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
Overall Size	16-3/4" long x 11" wide x 7-1/4" high

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 -----from #1-----61 notes
	5	4	Rohrflöte -----from #9-----61 notes
	6	2	Super Octave -----from #1-----61 notes
*	7	III-IV	Mixture-----208 pipes
	8		Chimes----(prepared for in console only)

(*) Exposed

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	16	Contre Trompette -----	73 pipes
18	8	Trompette-----from #17-----	61 notes
19	4	Clairon -----from #17--(repeat top octave)-----	61 notes
20		Tremolo	

PEDAL ORGAN

* 21	16	Bourdon-----12 pipes, 20 from #9-----	32 notes
22	8	Principal-----from #1-----	32 notes
23	8	Rohrflöte -----from #9-----	32 notes
24	4	Octave -----from #1-----	32 notes
25	4	Rohrflöte-----from #9 -----	32 notes
26	III	Mixture-----from #7-----	32 notes
27	16	Contre Trompette--from #17-----	32 notes
28	4	Clairon -----from #17-----	32 notes

(*) Exposed

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

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 and height-adjusting blocks
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.

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	REMARKS	WIND PRESSURE
------	-------	-------	-------	---------	-------	---------	---------------

GREAT ORGAN - Unenclosed

Principal	8	85	45	17-1/2	1/4	¹² 20 Zinc S.M.	#1-12 4-1/2" #13 up 3-1/2"
-----------	---	----	----	--------	-----	-------------------------------	-------------------------------

Mixture	III-IV	208	See Formula Below				3-1/2"
---------	--------	-----	-------------------	--	--	--	--------

SWELL ORGAN - Enclosed

Rohrflöte	8	80	CC to BB Reg. Art. Tapered Bass TC 68	21-1/2	2/9	Wood 6 Zinc C.M.	3-1/2"
-----------	---	----	--	--------	-----	---------------------	--------

Sm. I.S. Chimneys 19-62
Pull in 8 scales between #62-73

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"
----------	---	----	-----------------------------	----------------------------	-------------------	--------------	--------

Gemshorn Celeste TC 8		49	56-1/2 @ CC	19-1/2	2/9	5 Zinc S.M.	3-1/2"
-----------------------	--	----	-------------	--------	-----	-------------	--------

Contre Trompette	16	73	CCC 3" CC 2-1/4"	#1-18	1/2 length	Zinc & S.M. D(F) Eschallots	3-1/2"
------------------	----	----	---------------------	-------	------------	--------------------------------	--------

PEDAL ORGAN

Bourdon	16	12	Reg. Man. Bourdon			Wood	4-1/2"
---------	----	----	-------------------	--	--	------	--------

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.