

AR SERIES ORGAN
 EARMARK FOR
 #11346, ST. PETER UNITED CHURCH OF CHRIST, NORTHBROOK, ILL.
 SPECIFICATIONS FOR A 9 RANK SERIES 70 ORGAN

2/11
GENERAL

(1) ORGAN

Organ	Exposed Great, Double-Decked
	Layout will be supplied
Wood & Finish	Rift Sawn Oak to customer's sample
Action	Electro-Pneumatic (unit type)
Wind Pressure	See Pipe Analysis
Pitch	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard Design with roll top
Wood & Finish	Rift Sawn Oak to customer's sample
Manual	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 (located in blower area)

Type	<i>Wiedinger 1004</i> .7 3360
Wind	2115 - 1/2 HP - 1770 RPM - 6" outlet
Current Specifications	400 C.F.M. @ 4" 110 7
Overall Size	1 Ph - 60 Cy - 270 Volts - 376 Amperes
	21-5-3/8" x 11-10-3/8" x 21-6-3/8" high
	1'-8 1/2" 11'-9 1/4" 11'-9 3/4"

(4) POWER UNIT (located in console cabinet)

Rating	DC Output - 10-15 Volts - 30 Amperes
Current Specifications	AC Input: 1 Ph - 60 Cy - 110 Volts - 10 Amperes
Overall Size	14-1/2" long x 10-3/4" wide x 7" high

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CONSOLE AND ORGAN

GREAT ORGAN (Exposed)

1	16	Bourdon-----	73 pipes
2	8	Principal-----	80 pipes
3	8	Gedeckt -----	from #1-----61 notes
4	8	Rohrflote-----	from #20 -----61 notes
5	8	Gemshorn -----	from #21 -----61 notes
6	8	Gemshorn Celeste TC ----	from #22 -----61 notes
7	4	Octave-----	from #2 -----61 notes
8	4	Spitzprinzipal -----	from #23-----61 notes
9	4	Blockflote -----	-----66 pipes
10	2-2/3	Nazard -----	from #20 -----61 notes
11	2	Fifteenth -----	from #2-----(repeat 5 top notes)-----61 notes

GREAT ORGAN (Exposed)

(continued)

2	Spitzoctav-----	from #23--(repeat 12 top notes)-----	61 notes
2	Blockflöte-----	from #9---(repeat 7 top notes)-----	61 notes
1-3/5	Tierce -----	from #21 -----	61 notes
III	Mixture -----		183 pipes
16	Contre Trompette-----	from #29 -----	61 notes
8	Trompette-----	from #29 -----	61 notes
4	Clairon -----	from #29--(repeat 5 top notes) -----	61 notes
	Chimes ---	Mayland tubes & electric actions, canopy, relay, transformer & volume control, A to F - #22 to 42-----	21 tubes

SWELL ORGAN (Enclosed)

8	Rohrflöte-----		73 pipes
8	Gemshorn -----		80 pipes
8	Gemshorn Celeste TC -----		49 pipes
4	Spitzoctave -----		73 pipes
4	Rohrflöte -----	from #20-----	61 notes
4	Gemshorn -----	from #21-----	61 notes
4	Gemshorn Celeste -----	from #22 -----	61 notes
2	Spitzoctav -----	from #23 -----	61 notes
1-1/3	Larigot -----	from #21--(repeat 12 top notes)-----	61 notes
16	Contre Trompette-----		80 pipes
8	Trompette -----	from #29 -----	61 notes
4	Clairon-----	from #29--(repeat 5 top notes)-----	61 notes
	Tremolo		

PEDAL ORGAN (Exposed)

16	Contra Bass -----	12 pipes, 20 from #2 -----	32 notes
16	Bourdon -----	from #1 -----	32 notes
10-2/3	Quint -----	from #1 -----	32 notes
8	Principal-----	from #2 -----	32 notes
8	Gedeckt-----	from #1 -----	32 notes
8	Gemshorn -----	from #21 -----	32 notes
4	Octave -----	from #2 -----	32 notes
4	Blockflöte -----	from #9 -----	32 notes
4	Rohrflöte -----	from #20 -----	32 notes
2	Spitzoctav -----	from #23 -----	32 notes
III	Mixture -----	from #15 -----	32 notes
16	Contre Trompette-----	from #29 -----	32 notes
8	Trompette -----	from #29 -----	32 notes
4	Clairon -----	from #29 -----	32 notes

ADJUSTABLE COMBINATIONS

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

Affecting Full Organ (duplicated by toe levers)
(four to left, four to right)

(Pistons beneath Swell center)

PEDAL MOVEMENTS

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 (toggle type) with indicator light (amber jewel)

and related electrical wiring.

Encave and radiating pedal keyboard

Organ bench with music shelf

Music rack

Music rack light

Pedal light

STOP	PITCH	PIPES	PIPE ANALYSIS		MOUTH	METAL	WIND PRESSURE
			SCALE	HALVING			

GREAT ORGAN

Bourdon	16	73	CCC to BBB Reg. Manual Bourdon			Wood)	
			CC to BB Spec. Artiste Tapered Bass			Wood)	3-1/2"
		TC 56 TC 68 C 78	21-1/2	2/9	17 Zinc C.M.)		
Principal	8	80	48	18-1/2	1/4	19 Zinc S.M.	3-1/2"
Blockflöte	4	66	53-3/4	17-1/2	1/5	5 Zinc S.M.	3-1/2"
Mixture	III-IV	183	See Formula Below				3-1/2"

SWELL ORGAN

Rohrflöte	8	73	56	21-1/2	2/9	SM O.S. Chimneys #19-#62 18 Zinc C.M.	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.	3-1/2"
Gemshorn Celeste	8 TC	49	56-1/2 @ 8' CC	19-1/2	2/9	5 Zinc S.M.	3-1/2"
Spitzprincipal	4	73	60-2/3	18-1/2	1/4	7 Zinc C.M.	3-1/2"
Contre Trompette	16	80	3" CCC to FF half length FF# Up full length			D(F) Eschallots Zinc & S.M.	3-1/2"

PEDAL ORGAN

Contra Bass	16	12	36	18-1/2	1/4	Zinc	3-1/2"
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GREAT III-IV MIXTURE FORMULA

	15	12	12	12	12
	19	15	15	15	
	22	19	19		
		22			
	1-37	38-49	50-54	55-56	57-61
Unison	47 Sc.	17-1/2	1/4 mouth	S.M.	
Quint	49 Sc.	17-1/2	1/4 mouth	S.M.	