

AR SERIES ORGAN
EARMARK FOR
#11534 FIRST PRESBYTERIAN CHURCH, TOPEKA, KANSAS
SPECIFICATIONS FOR A 7 RANK SERIES 70 ORGAN

2/10

GENERAL

(1) ORGAN

Great Organ	Exposed - provide enclosure
Swell Organ	Special design & size
	Layout will be supplied
Wood & Finish	Walnut to customer's finish 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	Walnut to customer's finish sample
Manual	Two and Pedal
Manual Compass	CC to C4, 61 notes - 4 oz. key touch
Pedal Compass	CCC to G, 32 notes
Stop Controls	Tilting Tablets
Action	All Electric

(3) BLOWER (located on Swell organ platform)

Type	Meidinger 1004 - .8 HP - 3360 RPM - 6" outlet
Wind	320 c.f.m. @ 4"
Current Specifications	1 Ph - 60 Cy - 240 Volts - 3.6 Amperes
Overall Size	1' - 9-1/4" long x 1' - 7-5/8" wide x 1' - 11-3/4" high

(4) POWER UNIT (located in console cabinet)

Rating	DC Output - 10-15 Volts - 30 Amperes
Current Specifications	AC Input - 1 Ph - 60 Cy - 120 Volts - 10 Amperes
Overall Size	14-1/2" long x 10-3/4" wide x 7" high

CONSOLE AND ORGAN

GREAT ORGAN (exposed)

1	16	Gemshorn TC-----from #12-----49 notes
2	8	Principal -----80 pipes
3	8	Gedeckt -----80 pipes
4	8	Gemshorn-----from #12 -----61 notes
5	4	Octave -----from #2 -----61 notes
6	4	Gedeckt-----from #3 -----61 notes
7	2	Super Octave ----from #2--(repeat 5 top notes)-----61 notes
8	2	Flute -----from #3--(repeat 5 top notes)-----61 notes
9	III-IV	Mixture-----183 pipes
10		Tremolo

SWELL ORGAN (enclosed)

11	8	Rohrflöte-----	85 pipes
12	8	Gemshorn-----	85 pipes
13	8	Gemshorn Celeste T.C. -----	49 pipes
14	4	Rohrflöte-----from #11-----	61 notes
15	4	Gemshorn -----from #12 -----	61 notes
16	2	Gemshorn -----from #12 -----	61 notes
17	1-1/3	Larigot -----from #12--(repeat 7 top notes)-----	61 notes
18	1	Sifflöte -----from #11--(repeat 12 top notes) -----	61 notes
19	16	Contre Trompette -----	85 pipes
20	8	Trompette-----from #19 -----	61 notes
21	4	Clairon -----from #19 -----	61 notes
22		Tremolo	

PEDAL ORGAN

23	32	Resultant-----from #3--(1-12 as 10-2/3)-----	32 notes
24	16	Bourdon-----12 pipes, 20 from #3 -----	32 notes
25	8	Principal -----from #2 -----	32 notes
26	8	Rohrflöte -----from #11-----	32 notes
27	8	Gemshorn -----from #12-----	32 notes
28	4	Octave -----from #2 -----	32 notes
29	4	Gedeckt -----from #3 -----	32 notes
30	4	Gemshorn -----from #12 -----	32 notes
31	2	Flöte -----from #3 -----	32 notes
32	III	Mixture -----from #9 -----	32 notes
33	16	Contre Trompette--from #19 -----	32 notes
34	8	Trompette-----from #19 -----	32 notes
35	4	Clairon -----from #19 -----	32 notes

COUPLER

36 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4
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)
Zimbelstern reversible with indicator light (white jewel)

ACCESSORIES

Motor and power unit on-off switch (toggle type) with indicator light (amber jewel)
and related wiring.
Concave and radiating pedal keyboard
Organ bench with music shelf
Music rack
Music rack light
Pedal light
Zimbelstern, 4 bells

PIPE ANALYSIS

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

GREAT ORGAN

Gedeckt	8	80	CC 56	21-1/2	2/9	17 Zinc C.M.	3-1/2"
Principal	8	80	48	18-1/2	1/4	19 Zinc S.M.	3-1/2"
Mixture	III-IV	183	See Formula Below				3-1/2"

SWELL ORGAN

Rohrflöte	8	85	56	21-1/2	2/9	SM O.S. Chimneys (#19-#62) 18 Zinc C.M.	3-1/2"
Gemshorn	8	85	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 @ 8' C 19-1/2 2/9			5 Zinc S.M.	3-1/2"
Contre Trompette	16	85	3" CCC to FF half length FF# up full length C(F) Eschallots			Zinc & S.M.	3-1/2"

PEDAL ORGAN

Bourdon	16	12	Reg. Manual Bourdon			Wood	3-1/2"
---------	----	----	---------------------	--	--	------	--------

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.	

AEN/mr
3/30/81
Revised 4/7/81