

113.50

*A.R. Daniels*

AR SERIES ORGAN  
EARMARK FOR

#11350, SOLOMON'S UNITED CHURCH OF CHRIST, CHAMBERSBURG, PA.  
SPECIFICATIONS FOR A 7 RANK SERIES 70 ORGAN

2/10

GENERAL

ORGAN

Great Organ	Exposed & divided, provide enclosures
Swell Organ	Standard design
	Layout will be supplied
Wood & Finish	To customer's sample
Action	Electro-Pneumatic (unit type)
Wind Pressure	See Pipe Analysis
Pitch	A-440 @ 70°F

CONSOLE

Cabinet	
Wood & Finish	<i>Special</i> <del>To customer's sample</del>
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

BLOWER (located in Blower space)

Type	Kinetic 2-P-2116, 1/2 H.P., 1750 RPM, 6" outlet
Wind	360 c.f.m. @ 4"
Current Specifications	1 Ph - 60 Cy - 220 Volts - 3.6 Amperes
Overall Size	2' - 5-3/4" long x 1' - 10-3/8" wide x 2' - 6-1/4" high

POWER UNIT (located in console cabinet)

Rating	DC Output - 10-15 Volts - 50 Amperes
Current Specifications	AC Input - 1 Ph - 60 Cy - 220 Volts - 9 Amperes
Overall Size	23-1/2" long x 15-1/2" wide x 10 1/2" high

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CONSOLE AND ORGAN

GREAT ORGAN (Exposed & divided)

16	Bourdon	-----	-----	92 pipes
8	Principal	-----	-----	80 pipes
8	Gedackt	-----from #1	-----	61 notes
8	Gemshorn	-----from #13	-----	61 notes
4	Octave	-----from #2	-----	61 notes
4	Gedackt	-----from #1	-----	61 notes
2	Super Octave	-----from #2	---(repeat 5 top notes)---	61 notes
2	Flute	-----from #1	---(repeat 5 top notes)---	61 notes
II-IV	Mixture	-----	-----	(56 notes)--159 pipes
	Chimes	-----	-----	Mayland tubes and electric action, canopy, relay, transformer and volume control A-#22 to F-#42
	Tremolo	-----	-----	21 tubes

SWELL ORGAN (Enclosed)

12	8	Rohrflöte-----	85 pipes
13	8	Gemshorn -----	80 pipes
14	8	Gemshorn Celeste T.C.-----	49 pipes
15	4	Rohrflöte -----from #12-----	61 notes
16	2	Rohrflöte-----from #12-----	61 notes
17	1-1/3	Larigot-----from #13--(repeat 12 top notes)-----	61 notes
18	16	Contre Trompette-----	80 pipes
19	8	Trompette-----from #18 -----	61 notes
20	4	Clairon -----from #18--(repeat 5 top notes)-----	61 notes
21		Tremolo	

PEDAL ORGAN

22	16	Bourdon-----from #1-----	32 notes
23	8	Principal -----from #2-----	32 notes
24	8	Rohrflöte -----from #12-----	32 notes
25	4	Octave-----from #2-----	32 notes
26	4	Rohrflöte -----from #12-----	32 notes
27	16	Contre Trompette---from #18-----	32 notes
28	4	Clairon -----from #18-----	32 notes

COUPLERS

29	Great to Pedal
30	Swell to Pedal
31	Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

Affecting Full Organ

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 (lock 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

PIPE ANALYSIS

TOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
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GREAT ORGAN

Bourdon	16	92	CCC to BBB Reg. Manual CC to BB Reg. Artiste TC 68 C 78	21-1/2	Bourdon Tapered Bass 2/9	Wood) Wood) 5 Zinc C.M)	3-1/2"	
Principal	8	80	48	18-1/2	1/4	17 Zinc S.M.	3-1/2"	
Mixture	II-IV	159	See Formula Below					3-1/2"

SWELL ORGAN

Oberrflote	8	85	56	21-1/2	2/9	SM O.S. Chimneys (19-62) 18 Zinc C.M.	3-1/2"
Emshorn	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"
Emshorn Celeste	TC 8	49	56-1/2 @ 8' C	19-1/2	2/9	5 Zinc S.M.	3-1/2"
Contre Trompette	16	80	2-1/2" CCC to FF half length FF# up full length D(F) Eschallots			Zinc & S.M.	3-1/2"

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GREAT II-IV MIXTURE FORMULA

	19	12	12	12
	22	15	15	15
		19	19	
		22		
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	1-29	30-49	50-54	55-56
Unison	47 Sc.	17-1/2	1/4 mouth	S.M.
Quint	50 Sc.	17-1/2	1/4 mouth	S.M.