

AR SERIES ORGAN
FOR
#11503, TRINITY LUTHERAN CHURCH, ARENDTSTVILLE, PENNSYLVANIA
SPECIFICATIONS OF A 7 RANK SERIES 70 ORGAN

2/10

GENERAL

(1) ORGAN

Organ		Exposed Great - double-decked
Wood & Finish	<i>Burk</i>	Layout will be supplied
Action		To customer's <i>sample</i> <i>Paint & stain</i>
Wind Pressure		Electro-Pneumatic
Pitch		See Pipe Analysis
		A-440 @ 70°F

(2) CONSOLE

Cabinet		Standard design
Wood & Finish	<i>Burk</i>	To customer's <i>sample</i> <i>Paint & stain</i>
Manuals		Two and Pedal
Manual Compass		CC to C4, 61 notes
Pedal Compass		COC to G, 32 notes
Stop Controls		Tilting Tablets
Action		All Electric

(3) BLOWER (located with organ)

Type	2-P-2116 - 1/2 HP - 1750 RPM - 6" outlet
Wind	440 c.f.m. @ 4"
Current Specifications	1 Ph - 60 Cy - 240 Volts - 3.6 Amperes
Overall Size	2' - 5-3/4" x 1' - 10-3/8" x 2' - 6-1/4" high

(4) POWER UNIT (located with organ)

Rating	DC Output 10-15 Volts, 30 Amperes
Current Specification	1 Ph - 60 Cy - 120 Volts - 10 Amperes
Overall Size	14-1/2" x 10-3/4" x 7"

CONSOLE AND ORGAN

GREAT ORGAN (Exposed)

1	16	Bourdon-----	92 pipes
2	8	Principal-----	80 pipes
3	8	Gedeckt -----from #1 -----	61 notes
4	8	Gemshorn -----from #13 -----	61 notes
5	4	Octave-----from #2 -----	61 notes
6	4	Gedeckt -----from #1 -----	61 notes
7	2	Super Octave ----from #2--(repeat 5 top notes) -----	61 notes
8	2	Flute -----from #1--(repeat 5 top notes) -----	61 notes
9	III-IV	Mixture -----	183 pipes
10		Chimes---present <i>Deagan</i> tubes, new electric actions, relay, transformer and volume control - A to F, #22 to #42 -----	21 tubes
11		Tremolo	

SWELL ORGAN (Enclosed)

12	8	Rohrflöte-----	80 pipes
13	8	Gemshorn-----	80 pipes
14	8	Gemshorn Celeste T.C. ----	49 pipes
15	4	Spitzprincipal---from #13 ----	61 notes
16	4	Rohrflöte -----from #12 ----	61 notes
17	2	Rohrflöte -----from #12 <i>(repeat 5 top notes)</i> ----	61 notes
18	1-1/3	Larigot -----from #13--(repeat 12 top notes)-----	61 notes
19	1	Siffelöte-----from #12--(repeat 17 top notes) ----	61 notes
20	16	Contre Trompette -----	85 pipes
21	8	Trompette -----from #20 ----	61 notes
22	4	Clairon -----from #20 ----	61 notes
23		Tremolo	

PEDAL ORGAN

24	16	Principal-----12 pipes (20 from #2) -----	32 notes
25	16	Bourdon-----from #1 -----	32 notes
26	8	Principal -----from #2 -----	32 notes
27	8	Rohrflöte -----from #12 -----	32 notes
28	4	Octave -----from #2 -----	32 notes
29	4	Gedeckt -----from #1 -----	32 notes
30	16	Contre Trompette--from #20 -----	32 notes
31	4	Clairon -----from #20 -----	32 notes

COUPLERS

32	Great to Pedal
33	Swell to Pedal
34	Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4-5
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

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

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
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GREAT ORGAN

Bourdon	16	92	CCC to BBB Reg. Manual Bourdon CC to BB Reg. Artists Tapered Bass CC 56	21-1/2	2/9	Wood) Wood) 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			S.M.	3-1/2"

SWELL ORGAN

Rohrflote	8	80	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"
Contre Trompette	16	85	3" CCC to FF half length FF# & up full length			D(F) Eschallots Zinc & S.M.	3-1/2"

PEDAL ORGAN

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

	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.	