

AR SERIES ORGAN
 EARMARK FOR
 #11396, OTTERBEIN UNITED METHODIST CHURCH, SPRY, PENNSYLVANIA
 SPECIFICATIONS FOR A 7 RANK SERIES 70 ORGAN

249
GENERAL

(1) ORGAN

Great Organ	Exposed - provide enclosure
Swell Organ	Standard design
	Layout will be supplied
Wood & Finish	Rift Sawn Oak - M-4150-2 <i>to customer's sample</i>
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 <i>to customer's sample</i>
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 space)

Type	Kinetic 2-P-2116 - 1 1/2 ^{3/4} HP - 1750 RPM - 6" outlet
Wind	360 c.f.m. @ 4"
Current Specifications	3 Ph - 60 Cy - 208 Volts - 2.6 Amperes
Overall Size	2' - 5-3/4" long x 1' - 10-3/8" wide x 2' - 6-1/4" high

(4) POWER UNIT (located in *organ space* console cabinet)

Rating	DC Output - 10-15 Volts - 30 Amperes
Current Specifications	AC Input - 1 Ph - 60 Cy - 110 ²²⁰ Volts - 10 Amperes
Overall Size	14-1/2" long x 10-3/4" wide x 7" high

CONSOLE AND ORGAN

GREAT ORGAN (Exposed)

1	8	Principal-----	80 pipes
2	8	Gedeckt -----	80 pipes
3	8	Gemshorn-----	from #12-----61 notes
4	4	Octave-----	from #1 -----61 notes
5	4	Gedeckt-----	from #2 -----61 notes
6	2	Super Octave-----	from #1---(repeat 5 top notes)-----61 notes
7	2	Flute -----	from #2---(repeat 5 top notes)-----61 notes
8	II-III	Mixture-----	126 pipes
9		Chimes-----	present Deagan "M" tubes, new electric action, transformer, (prepared for in console only)
10		Tremolo-----	volume control and relays A to F, #22 to 42-----21 tubes.

SWELL ORGAN (Enclosed)

11	8	Rohrflöte-----	85 pipes
12	8	Gemshorn-----	80 pipes
13	8	Gemshorn Celeste T.C. -----	49 pipes
14	4	Rohrflöte -----from #11 -----	61 notes
15	2	Rohrflöte -----from #11 -----	61 notes
16	1-1/3	Larigot -----from #12--(repeat 12 top notes)-----	61 notes
17	16	Contre Trompette -----	80 pipes
18	8	Trompette-----from #17 -----	61 notes
19	4	Clairon -----from #17--(repeat 5 top notes)-----	61 notes
20		Tremolo	

PEDAL ORGAN

21	16	Bourdon-----12 pipes, 20 from #2-----	32 notes
22	8	Principal-----from #1 -----	32 notes
23	8	Rohrflöte -----from #11 -----	32 notes
24	4	Octave -----from #1 -----	32 notes
25	4	Gedeckt-----from #2 -----	32 notes
26	16	Contre Trompette-----from #17-----	32 notes
27	4	Clairon -----from #17 -----	32 notes

COUPLERS

28	Great to Pedal
29	Swell to Pedal
30	Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

Affecting Full Organ

PEDAL MOVEMENTS

Great to Pedal reversible
 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 (red jewel)
 and related 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

Gedeckt	8	80	56	21-1/2	2/9	17 Zinc S.M.	3-1/2"
Principal	8	80	48	18-1/2	1/4	19 Zinc S.M.	3-1/2"
Mixture	II-III	126	See Formula Below				3-1/2"

SWELL ORGAN

Rohrflote	8	85	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 TC	8	49	56-1/2 @ 8' C	19-1/2	2/9	7 Zinc S.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

Bourdon	16	12	Reg. Manual Bourdon			Wood	3-1/2"
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GREAT II-III MIXTURE FORMULA

	19	12	12	12	15
	22	19	19		
		22			
	1-37	38-49	50-53	54-56	57-61
Unison	47 Sc.	17-1/2	1/4 mouth	S.M.	
Quint	49 Sc.	17-1/2	1/4 mouth	S.M.	