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AR SERIES ORGANS
EARMARK FOR
#11574 GROVE AVENUE UNITED METHODIST CHURCH, JOHNSTOWN, PENNSYLVANIA
SPECIFICATIONS FOR A SERIES 70-8C ORGAN

24
GENERAL

(1) ORGAN

Great Organ	Standard design without shades & grille <i>Exposed - no enclosure</i>
Swell Organ	Standard design without grilles
Wood & Finish	Silvite, charcoal brown <i>Rift-sawn oak to customer's sample.</i>
Action	Layout will be supplied
Wind Pressure	Electro-pneumatic (unit type)
Pitch	See Pipe Analysis
	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 space)

Type	Kinetic 2-P-2118 - 3/4 HP - 1750 RPM - 8" outlet
Wind	480 C.F.M. @ 4"
Current Specifications	1 Ph - 60 Cy - 230 Volts - 3.6 Amperes
Overall Size	2' - 9-3/4" x 1' - 10-3/8" x 2' - 6-1/4"

(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*
(~~enclosed~~)

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-----	(prepared for in console only)
11		Tremolo	

SWELL ORGAN (enclosed)

12	8	Rohrflöte-----	73 pipes
13	8	Gemshorn-----	80 pipes
14	8	Gemshorn Celeste T.C.-----	49 pipes
15	4	Spitzprincipal -----	73 pipes
16	4	Rohrflöte-----from #12 -----	61 notes
17	2	Spitzoctave-----from #15 -----	61 notes
18	1-1/3	Larigot -----from #13--(repeat 12 top notes)-----	61 notes
19	16	Contre Trompette-----	80 pipes
20	8	Trompette-----from #19 -----	61 notes
21	4	Clairon -----from #19--(repeat 5 top notes) -----	61 notes
22		Tremolo	

PEDAL ORGAN

23	16	Principal-----12 pipes, 20 from #2-----	32 notes
24	16	Bourdon -----from #1 -----	32 notes
25	8	Principal -----from #2 -----	32 notes
26	8	Gedeckt -----from #1 -----	32 notes
27	8	Gemshorn -----from #13 -----	32 notes
28	4	Octave -----from #2 -----	32 notes
29	III	Mixture -----from #9 -----	32 notes
30	16	Contre Trompette--from #19 -----	32 notes
31	8	Trompette-----from #19 -----	32 notes
32	4	Clairon -----from #19 -----	32 notes

COUPLER

33 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

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 (toggle type) with indicator light.

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. Artiste Tapered Bass TC 68 CC#56	21-1/2	2/9	Wood) Wood) Zinc, C.M.)	1-16 3-1/2" 17 up 3-1/2"
Principal	8	80	CC 52 TC 60 48	18-1/2	1/4	19 Zinc S.M.)	1-12 4-1/2" 13 up 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"
Genshorn	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"
Genshorn Celeste TC 8	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

Principal 16	12	CCC 35 36 CC 52	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.	