

AR SERIES ORGAN
 BARMARK FOR
 #11027 THE UNITED METHODIST CHURCH, LITITZ, PENNSYLVANIA
 SPECIFICATION OF A SPECIAL 70-8C ORGAN

219

GENERAL

(1) ORGAN

Great Organ
Swell Organ

~~Cabinets (two (3) required)~~

Wood & Finish

Action

Wind Pressure

Pitch

Exposed - Supply enclosures
Special Cabinet

~~Standard Series 70 Design without grilles~~

~~Fir Plywood - Dull Charcoal Brown~~

~~Organ Layout will be supplied~~

~~Electro-Pneumatic~~

~~Offsets 4-1/2, Trebles 3-1/2"~~

~~A-440 @ 70°F~~

See Pipe Analysis

(2) CONSOLE

Cabinet

Wood & Finish

Manuals

Manual Compass

Pedal Compass

Stop Controls

Action

Standard Series 70 Design

Rift Sawn Oak to customer's sample

Two and Pedal

CC to C4, 61 notes

CCC to G, 32 notes

Tilting Tablets

All Electric

(3) BLOWER

Type

Rating

Current Specification

Overall Size

2-P-2116 - 1/2 HP - 1750 RPM - 6" outlet

500 c.f.m. @ 4"

3 Ph - 60 Cy - 208 Volts - 3.6 Amperes

2' - 5-3/4" x 1' - 10-3/8" x 2' - 6-1/4" high

(4) POWER UNIT (located in organ space)

Rating

Current Specification

Overall Size

DC Output 10-15 Volts, 30 Amperes

1 Ph - 60 Cy - 208 Volts - 5 Amperes

14-1/2" L x 10-3/4" W x 7" H

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CONSOLE AND ORGAN

GREAT ORGAN

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	II	Mixture.....	122 pipes
10		Chimes.....present Maas tubes, A to E, new electric action, relay, transformer & volume control. Supply new top F, A-#22 to F-#42.....	21 tubes
11		Tremolo	

SWELL ORGAN

12	8	Rohrflote.....	73	pipes
13	8	Gemshorn.....	80	pipes
14	8	Gemshorn Celeste TC.....	49	pipes
15	4	Spitzprincipal.....	73	pipes
16	4	Rohrflote.....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	Bourdon.....from #1.....	32	notes
24	8	Principal.....from #2.....	32	notes
25	8	Gedeckt.....from #1.....	32	notes
26	8	Gemshorn.....from #13.....	32	notes
27	4	Octavefrom #2.....	32	notes
28	4	Rohrflote.....from #12.....	32	notes
29	III	Mixture.....from #7 & 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
General Cancel

Affecting Full Organ

PEDAL MOVEMENTS

~~Balanced Expression Pedal, Great Organ (8 stages, reverse system)~~
Balanced Expression Pedal, Swell Organ (8 stages, 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 electrical wiring.
Concave and radiating pedal keyboard
Organ bench with music shelf
Music rack light
Pedal light

PIPE ANALYSIS

	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
GREAT ORGAN							
on	16	92	CCC to BBB Reg. Manual Bourdon			Wood	) ¹² 1-10 4-1/2"
			CC to BB Reg. Artiste Tapered Bass			Wood	) 17 up 3-1/2"
			TC up Reg. Artiste Treble			Wood & S.M.	) 13
			CC 56 Sc.	20-1/2	2/9	173 ^{1/2} Sc	
ipal	8	80	CC 52 TC 60	18-1/2	1/4	17 Zinc S.M.	) 1-12 4-1/2"
							) 13 up 3-1/2"
re	II	122	See Formula Below			S.M.	3-1/2"

SWELL ORGAN

lote	8	73	56	21-1/2	2/9	S.M. O.S. Chimneys	
						18 Zinc S.M.	3-1/2"
orn	8	80	CC 54- 2/3	17-1/2	^{1/4} 2/9	17 Zinc S.M.	3-1/2"
			#56 102-2/3	20-1/2	2/9		
			C 66-1/3	¹⁸ 17 1/2	1/4		
orn te	8 TC	49	56-1/3 @ 8'	CC 17-1/2	1/5	5 Zinc S.M.	3-1/2"
principal	4	73	60-3/4	18-1/2	1/4	5 Zinc S.M.	3-1/2"
e ette	16	80	2-1/2" CCC to FF half length			D(F) Eschallots	
			FF# 7 up Full length			Zinc & S.M.	3-1/2"

GREAT II MIXTURE FORMULA

	19	15	12
	22	19	15
	1-49	50-56	57-61
Unison	50 Sc.	18-1/2	1/4 mouth S.M.
Quint	51 Sc.	18-1/2	1/4 mouth S.M.