

AR SERIES ORGANS
 BARMARK FOR
 #10951 SACRED HEART CHURCH, McKEESPORT, PA.

217

SPECIFICATIONS OF SERIES 70-6 ORGAN

GENERAL

(1) ORGAN

Great Organ	Exposed, provide special double-decked
Swell Organ	cabinet, platform and supports.
	Organ layout will be supplied.
Wood & Finish	Rift Sawn Oak to Color Block submitted
Action	Electro-Pneumatic (unit type)
Wind Pressure	Offsets 4-1/2", Trebles 3-1/2"
Pitch	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard Series 70 design with roll top
Wood & Finish	Rift Sawn Oak to Color Block submitted
Manuals	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) BLOWERS

Type	Meidinger Style 1004 - .7 HP - 3360 RPM
Rating	500 c.f.m. @ 4" - 5-1/2" outlet
Current Specifications	1 Ph - 60 Cy - 110 Volts - 7 Amperes
Overall Size	1' - 7-5/8" x 1' - 9-1/4" x 2'-0" high

(4) POWER UNIT (mounted within Swell organ cabinet)

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

* * * * *

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	Octav.....from #2.....	61 notes
6	4	Gedeckt.....from #1.....	61 notes
7	2	Super Octav.....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 & electric actions, provide new relay, transformer, & volume control A-#22 to F-#42.....	21 tubes
11		Tremolo	

SWELL ORGAN (Enclosed)

12	8	Spitzflöte.....(low octave from #13).....	68 pipes
13	8	Gemshorn.....	85 pipes
14	4	Spitzflöte.....from #12.....	61 notes
15	2	Spitzflöte.....from #12..(repeat 5 top notes).....	61 notes
16	1-1/3	Larigot.....from #13..(repeat 7 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.....from #1.....	32 notes
22	8	Principal.....from #2.....	32 notes
23	8	Gedeckt.....from #1.....	32 notes
24	8	Gemshorn.....from #13.....	32 notes
25	4	Octav.....from #2.....	32 notes
26	4	Spitzflöte.....from #12.....	32 notes
27	III	Mixture.....from #7 & 9.....	32 notes
28	16	Contre Trompette....from #17.....	32 notes
29	8	Trompette.....from #17.....	32 notes
30	4	Clairon.....from #17.....	32 notes

COUPLER

31 Swell to Great

PEDAL MOVEMENTS

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 (toggle 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

<u>STOP</u>	<u>PITCH</u>	<u>PIPES</u>	<u>SCALE</u>	<u>HALVING</u>	<u>MOUTH</u>	<u>METAL</u>	<u>WIND PRESSURE</u>
<u>GREAT ORGAN</u>							
Bourdon	16	92	CCC to BBB Reg. Manual Bourdon			Wood)	1-12 4-1/2"
			CC 56	20	2/9	S.M.)	13 up 3-1/2"
Principal	8	80	CC 52 TC 60	18	1/4	12 All Zinc	) 1-20 4-1/2"
						13-17 Zinc & S.M.	) 2 up 3-1/2"
						up S.M.	) 21
					13		
Mixture	II	122	See Formula Below			S.M.	3-1/2"

SWELL ORGAN

Spitzflöte T.C.	8	68	60-2/3 @ 4' C	19	2/9	S.M.	3-1/2"
Gemshorn	8	85	CC 54-1/3	17	2/9	12 Zinc S.M.)	
		#56	102-2/3	20	2/9	)	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"

* * * * *

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.