

File

AR SERIES ORGANS
EARMARK FOR
#11076 FIRST PRESBYTERIAN CHURCH, BENTLEYVILLE, PA.
SPECIFICATIONS OF SERIES 70-5 ORGAN

215
GENERAL

(1) ORGAN

Cabinet	Standard design with exposed 8 Principal, chamber installation; layout will be supplied
Wood & Finish	Rift Sawn Oak - to customer's sample
Action	Electro-Pneumatic
Wind Pressure	See Pipe Analysis
Pitch	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard design
Wood & Finish	Rift Sawn Oak, to customer's sample
Manual	Two and Pedal
Manual Compass	CC to C4, 61 notes
Pedal Comass	CCC to G, 32 notes
Stop Controls	Tilting Tablets
Action	All Electric

(3) BLOWER (located in organ space)

Type	<i>Maidinger 1002. .5HP 3360 RPM</i>
Rating	<i>2-P-2116 - 1/2 H.P. - 1750 RPM</i>
Current Specifications	<i>280 500 c.f.m. @ 4" - 5-5/8" outlet</i>
Overall Size	<i>1 Ph - 60 Cy - 220 Volts - 3.5 Amperes</i> <i>2 - 5-3/4" x 1' - 10-3/8" x 2' - 6-1/4" high</i> <i>1" - 6-7/8" L. x 1' - 6-1/8" W x 1' - 9-1/4" High</i>

(4) POWER UNIT (mounted within console cabinet)

Rating	DC Output: 10 to 15 Volts - 30 Amperes
Current Specification	AC Input: 1 Ph - 60 Cy - 220 ¹¹⁵ Volts - 8 ¹⁰ Amperes
Overall Size	14-1/2" long x 10-3/4" x 7" high

GREAT ORGAN

1	16	Bourdon.....	92 pipes
* 2	8	Principal.....	85 pipes
3	8	Gedecktfrom #1	61 notes
4	8	Gemshorn	80 pipes
5	4	Octave.....from #2	61 notes
6	4	Gedecktfrom #1	61 notes
7	2	Super Octavefrom #2.....	61 notes
8	2	Flutefrom #1...(repeat 5 top notes).....	61 notes
9	8	Trompettefrom #17	61 notes
10		Chimes.....Mayland tubes, electric action, relay, transformer and volume control, A-#22 to F #42	21 tubes

(*) Exposed

SWELL ORGAN

11	8	Gedeckt.....	from #1	61 notes
12	8	Gamshorn	from #4	61 notes
13	4	Spitzprincipal.....		73 pipes
14	4	Gedeckt	from #1.....	61 notes
15	2	Spitzoctave.....	from #13	61 notes
16	1-1/3	Larigot	from #4...(repeat 12 top notes)1.....	61 notes
17	8	Trompette.....		61 pipes
18	4	Clairon.....	from #17...(top Octave from #13).....	61 notes
19		Tremolo		

PEDAL ORGAN

20	16	Bourdon.....	from #1	32 notes
21	8	Principal.....	from #2	32 notes
22	8	Gedeckt.....	from #1	32 notes
23	8	Gamshorn	from #4	32 notes
24	4	Octave	from #2	32 notes
25	4	Gedeckt	from #1	32 notes
26	2	Super Octave.....	from #2	32 notes
27	8	Trompette.....	from #17	32 notes
28	4	Clairon	from #17	32 notes

COUPLER

29 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

Affecting Full Organ

PEDAL MOVEMENTS

- 1 - Balanced Expression Pedal (8 contacts, reverse system)
- 2 - 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

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
Bourdon	16	92	CCC to BBB Regular Manual Bourdon CC to BB Reg. Artiste Tapered Bass TC up Reg. Artiste Trebles			Wood) Wood) Wood & S.M.)	1-16 4-1/2" 17 up 3-1/2"
* Principal	8	85	48	18-1/2	1/4	17 Zinc S.M.))	1-12 4-1/2" ^{3 1/4"} 13 up 3-1/2"
Gemshorn	8	80	CC 54 C 66-1/3 #56 102-2/3	17-1/2 17-1/2 18-1/2		17 Zinc S.M.))	1-12 4-1/2" 13 up 3-1/2"
Spitzprincipal	4	73	60-3/4	18-1/2	1/4	5 Zinc S.M.)	3-1/2"
Trompette	8	61	2" CC to FF half length FF# up full length			D(F) Eschallots Zinc & S.M.	3-1/2"

(*) Exposed