

AR SERIES ORGANS

EARMARK FOR
 11527 ST. MARY'S CHURCH AT THE CATHEDRAL, PHILADELPHIA, PENNSYLVANIA
 SPECIFICATIONS OF A SERIES 70-5 ORGAN

215 GENERAL

(1) ORGAN

Cabinet	Standard design, ^{no gullies} with exposed 8 Principal
Wood & Finish	Rift Sawn Oak - M-4150-2 ^{CABINET - Walnut, Charcoal Brown} Layout will be supplied ^{CHEST ENCLOSURE - Rift Sawn Oak - M-4150-2}
Action	Electro-pneumatic (unit type)
Wind Pressure	See Pipe Analysis
Pitch	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard design with roll top
Wood & Finish	Rift Sawn Oak - M-4150-2
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 organ space)

Type	2-P-1716 - 1/2 HP - 1750 RPM - 4" outlet
Wind	260 c.f.m. @ 4"
Current Specifications	1 Ph - 60 Cy - 110 Volts - 7.2 Amperes
Overall Size	2' - 3-1/2" x 1' - 8" x 2' - 1-1/8"

(4) POWER UNIT (located in console)

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" x 7" high

GREAT ORGAN

1	16	Bourdon-----	-----92 pipes
* 2	8	Principal-----	-----85 pipes
3	8	Gedeckt -----from #1-----	-----61 notes
4	8	Gemshorn -----from #12-----	-----61 notes
5	4	Octave -----from #2-----	-----61 notes
6	4	Gedeckt -----from #1-----	-----61 notes
7	2	Super Octave-----from #2-----	-----61 notes
8	2	Flute -----from #1--(repeat 5 top notes)-----	-----61 notes
9	8	Trompette-----from #17-----	-----61 notes
10		Chimes-----	(prepared for in console only)

(*) Exposed

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 1949 Potok I muph
 Cathedral R
 Andorra

SWELL ORGAN

11	8	Gedeckt-----from #1-----	61 notes
12	8	Gemshorn-----	80 pipes
13	4	Spitzprinzipal -----	73 pipes
14	4	Gedeckt -----from #1-----	61 notes
15	2	Spitzoctave -----from #13-----	61 notes
16	1-1/3	Larigot-----from #12--(repeat 12 top notes)-----	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	Gemshorn -----from #12-----	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. 1-2-3-4-5-6

Affecting Full Organ

General Cancel

PEDAL MOVEMENTS

- 1 - Balanced Expression Pedal (8 contacts, make to close)
- 2 - Balanced Crescendo Pedal with indicator light (green jewel)

ACCESSORIES

Motor and power unit On-Off switch (toggle type) with indicator light (amber jewel)
and related electrical 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
Bourdon	16	92	CCC to BBB CC to BB TC 68	Regular Manual Reg. Artiste 21-1/2	Bourdon Tapered Bass 2/9	Wood Wood 5 Zinc C.M.)	1-16 ^{5"} 4-1/2" 17 up ^{5"} 5-1/2" 4"
Principal	8	85	48	18-1/2	1/4	19 Zinc S.M.	^{1-2 5"} 8 up ^{5"} 3-1/2" 4" 5"
Gemshorn	8	80	CC 56 C 66-1/2 #56 98	19-1/2 19-1/2 17-1/2	2/9 2/9 1/6	17 Zinc S.M.)	1-12 ^{5"} 4-1/2" 13 up ^{5"} 3-1/2" 4"
Spitzprincipal	4	73	60-2/3	18-1/2	1/4	7 Zinc C.M.	^{4"} 3-1/2"
Trompette	8	61	2-1/4"	CC to FF half length FF# up full length		D(F) Eschallots Zinc & S.M.	^{3 1/2"} 3-1/2" 4"

AEN/mr
3/30/81