

AR SERIES ORGANS
 EARMARK FOR
 #10788, ST. PAUL'S UNITED METHODIST CHURCH, PINE GROVE, PA.
 2/5
 SPECIFICATIONS OF SERIES 70-5 ORGAN

GENERAL

(1) ORGAN

Cabinet	Standard Series 70 Design and exposed 8 Principal unit with enclosure. Organ layout will be supplied.
Wood & Finish	Rift Sawn Oak to customer's sample
Fabric	Mellotens "Castillian #02284- 10 White"
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
Wood & Finish	Rift Sawn Oak to customer's sample
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) BLOWER

Type	Meidinger No. 1002 - .4 HP - 3360 RPM
Rating	280 c.f.m. @ 4" - 4" outlet
Current Specifications	1 Ph - 60 Cy - 110 Volts - 4.4 Amperes
Overall Size	1'-6" x 1' - 5-5/8" x 1' - 8" high

(4) POWER UNIT (mounted within organ cabinet)

Rating	DC Output: 10 to 15 Volts - 30 Amperes
Current Specification	AC Input: 1 Ph - 60 Cy - 110 Volts - 10 Amperes
Overall Size	17" long x 11" wide x 7" high

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GREAT ORGAN

1	16	Bourdon.....	92 pipes
* 2	8	Principal.....	85 pipes
3	8	Gedeckt.....from #1	61 notes
4	8	Genshorn.....from #12.....	61 notes
5	4	Octav.....from #2.....	61 notes
6	4	Gedeckt.....from #1.....	61 notes
7	2	Super Octav.....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

SWELL ORGAN

11	8	Gedeckt.....from #1.....61 notes
12	8	Gemshorn.....80 pipes
13	4	Spitzprincipal.....73 pipes
14	4	Gedeckt.....from #1.....61 notes
15	2	Spitzoctav.....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	Octav.....from #2.....32 notes
25	4	Gedeckt.....from #1.....32 notes
26	2	Super Octav.....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 with indicator light (red jewel) and related electrical wiring.

Music rack with light
Pedal light

Concave and radiating pedal keyboard
Organ bench with music shelf

MISC.

Provide one (1) ornamental series 70 grille front only complete for installation in a stationary manner.

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
Bourdon	16	92	CCC to BBB Regular Manual Bourdon Wood) CC to BB Reg. Artiste Tapered Bass Wood) TC up Reg. Artiste Trebles Wood & SM)				1-16 4-1/2" 17 up 3-1/2"
*Principal	8	85	48	18-1/2	1/4	12 Zinc SM))	1-12 4-1/2" 13 up 3-1/2"
Gemshorn	8	80	CC 54-1/3 #56 102-2/3	17-1/2 20-1/2	2/9 2/9	12 Zinc SM))	1-12 4-1/2" 13 up 3-1/2"
Spitzprincipal	4	73	60-3/4	18-1/2	1/4	SM	3-1/2"
Trompette	8	61	2" CC to FF half length FF# up full length			D(F) Eschallots Zinc & SM	3-1/2"

(*) Exposed

4-25-73

HWW/mr