

AR SERIES ORGAN
 EARMARK FOR
 #11412, OUR LADY OF LOURDES CHURCH, ENOLA, PENNSYLVANIA
 SPECIFICATIONS OF A 7 RANK SERIES 70 ORGAN

2/10

GENERAL

ORGAN

Great Organ	Exposed - provide enclosure
Swell Organ	Standard Design
	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

CONSOLE

Cabinet	Standard 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

BLOWER (located in blower space)

Type	2-P-2116 - 1/2 HP - 1750 RPM - 6" outlet
Wind	460 c.f.m. @ 4"
Current Specifications	1 Ph - 60 Cy - 208 Volts - 3.6 Amperes
Overall Size	2' - 5-3/4" x 1' - 10-3/8" x 2' - 6-1/4" high

POWER UNIT (located in organ)

Rating	DC Output 10-15 Volts, 30 Amperes
Current Specification	1 Ph - 60 Cy - 120 Volts - 10 Amperes
Overall Size	14-1/2" L x 10-3/4" W x 7" H

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CONSOLE AND ORGAN

GREAT ORGAN (Exposed)

16	Bourdon-----	92 pipes
8	Principal -----	80 pipes
8	Gedeckt -----from #1-----	61 notes
8	Gemshorn-----from #13-----	61 notes
4	Octave -----from #2 -----	61 notes
4	Gedeckt -----from #1 -----	61 notes
2	Super Octave-----from #2--(repeat 5 top notes)-----	61 notes
2	Flute-----from #1--(repeat 5 top notes)-----	61 notes
II-IV	Mixture -----	183 pipes
	Zimbelstern-----	(prepared for in console only)
	Tremolo	

SWELL ORGAN (Enclosed)

12	8	Rohrflöte-----	²³ pipes
13	8	Gemshorn -----	80 pipes
14	8	Gemshorn Celeste T.C.--(prepared for in console only)	
15	4	Spitzprincipal-----	73 pipes
16	4	Rohrflöte -----from #12-----	61 notes
17	2	Spitzoctave-----from #15-----	61 notes
18	2	Rohrflöte -----from #12-----	61 notes
19	1-1/3	Larigot-----from #13--(repeat 12 top notes) -----	61 notes
20	16	Contre Trompette -----	80 pipes
21	8	Trompette -----from #20-----	61 notes
22	4	Clairon -----from #20--(repeat 5 top notes)-----	61 notes
23		Tremolo	

PEDAL ORGAN

24	16	Principal-----12 pipes, 20 from #2-----	32 notes
25	16	Bourdon-----from #1 -----	32 notes
26	8	Octave -----from #2 -----	32 notes
27	8	Rohrflöte-----from #12 -----	32 notes
28	4	Octave-----from #2 -----	32 notes
29	4	Gedeckt -----from #1 -----	32 notes
30	16	Contre Trompette-----from #20 -----	32 notes
31	4	Clairon -----from #20 -----	32 notes

COUPLER

32	Great to Pedal
33	Swell to Pedal
34	Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4
General Cancel

Affecting Full Organ (duplicated by toe levers)

PEDAL MOVEMENTS

Sforzando Reversible with indicator light (red jewel) (duplicated by manual piston)
Balanced Expression Pedal - Swell Organ (8 contacts, make to close)
Balanced Crescendo Pedal with indicator light (green jewel)

ACCESSORIES

Motor and power unit on-off switch (lock 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
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GREAT ORGAN

Bourdon	16	92	CCC to BBB Reg. Manual CC 56	Bourdon 21-1/2	2/9	Wood) 17 Zinc C.M.)	3-1/2"
Principal	8	80	48	18-1/2	1/4	19 Zinc S.M.	3-1/2"
Mixture	II-IV	183	See Formula Below			S.M.	3-1/2"

SWELL ORGAN

Rohrflote	8	85 ⁷³	56	21-1/2	2/9	SM O.S. Chimneys (#19-#62) 18 Zinc C.M.	3-1/2"
Gemshorn	8	80	CC 56 C 68-1/2 #56 98	19-1/2 19-1/2 17-1/2	2/9 2/9 1/6	17 Zinc S.M.	3-1/2"
Spitzprincipal	4	73	60-2/3	18-1/2	1/4	7 Zinc C.M.	3-1/2"
Contre Trompette	16	80	3" CCC to FF half length FF# & up full length			D(F) Eschallots Zinc & S.M.	3-1/2"

PEDAL ORGAN

Principal	16	12	36	18-1/2	1/4	Zinc	3-1/2"
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MIXTURE FORMULA

GREAT II-IV MIXTURE

19	12	12	12	12
22	19	15	15	15
	22	19	19	
		22		

1-18	19-22	23-49	50-54	55-61
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Unison	47 Sc.	17-1/2	1/4 mouth	S.M.
Quint	49 Sc.	17-1/2	1/4 mouth	S.M.