

AR SERIES ORGAN
 EARMARK FOR
 #11176 IMMACULATE CONCEPTION CHURCH, WILLOUGHBY, OHIO
 SPECIFICATIONS FOR A 9 RANK SERIES 70 ORGAN

2/12

GENERAL

(1) ORGAN

Organ Cabinet	Exposed Great, Double Decked
	Layout will be supplied.
Wood & Finish	Rift Sawn Oak to customer's sample
Action	Electro-Pneumatic (unit type)
Wind Pressure	See Pipe Analysis
Pitch	A-440 @ 70°F

(2) 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

(3) BLOWER

Type	<i>Kinetic 2-P-2116 1/2 1750</i> Weldinger 1006 , 3 HP, 3 RPM, 6" outlet
Wind	Great 220 cfm @ 4", Swell 220 cfm @ 4"
Current Specifications	1 Ph - 60 Cy - 120 Volts - 7.2 Amperes
Overall Size	14'-11 1/2" x 11'-10 3/8" x 3'-6 1/4" high <i>3'-5 3/4" x 1'-10 3/8" x 3'-6 1/4" high</i>

(4) POWER UNIT (located in console)

Rating	DC Output - 10-15 Volts - 30 Amperes
Current Specification	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.....	97 pipes
2	8	Principal.....	73 pipes
3	8	Gedecktfrom #1.....	61 notes
4	8	Gemshornfrom #13	61 notes
5	4	Octavefrom #2.....	61 notes
6	4	Gedeckt.....from #1.....	61 notes
7	2	Flute.....from #1.....	61 notes
8	III-IV	Mixture	183 pipes
9	8	Trompette	61 pipes
10		Chimes.....(prepared for in console only)	
11		Tremolo	

SWELL ORGAN (Enclosed)

12	8	Rohrflote.....	73 pipes
13	8	Gemshorn	80 pipes
14	8	Gemshorn Celeste T.C.....	49 pipes
15	4	Spitzprincipal	73 pipes
16	4	Rohrflote.....from #12.....	61 notes
17	2	Spitzoctave	61 notes
18	1-1/3	Larigot	61 notes
19	16	Contre Fagott.....	80 pipes
20	8	Hautbois.....from #19.....	61 notes
21	4	Hautbois Clarionfrom #19..(repeat 5 top notes).....	61 notes
22		Tremolo	

PEDAL ORGAN

23	16	Bourdon.....from #1.....	32 notes
24	8	Principal.....from #2.....	32 notes
25	8	Gedeckt	32 notes
26	8	Gemshorn.....from #13.....	32 notes
27	4	Octave.....from #2.....	32 notes
28	III	Mixture.....from #8.....	32 notes
29	16	Contre Fagott.....from #19.....	32 notes
30	8	Trompette.....from #19.....	32 notes
31	4	Hautbois.....from #19.....	32 notes

COUPLERS

32 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

Affecting Full Organ

PEDAL MOVEMENTS

Balanced Expression Pedal - Swell Organ (8 contacts, reverse system)

Balanced Crescendo Pedal with indicator light (green jewel)

ACCESSORIESMotor and power unit on-off switch (lock type) with indicator light (red jewel)
and related 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
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GREAT ORGAN

Bourdon	16	97	CCC to BBB Reg. Manual Bourdon CC to BB Reg. Artiste Tapered Bass TC up Reg. Artiste Treble			Wood) Wood) Wood & S.M.)	1-6 17 up
Principal	8	73	CC 52 TC 60	18-1/2	1/4	17 Zinc S.M.)	1-12 13 up
Mixture	III-IV	183	See Formula Below				
Trompette	8	61	3" @ 8 CC	30-1/2	CC to BB half length C & up full length	BB (1/8) Esch. Zinc & S.M.	

SWELL ORGAN

Rohrfloete	8	73	56	21-1/2	2/9	Sm. O.S. Chimneys (19-#62) 18 Zinc S.M.
Gemshorn	8	80	CC 54 C 66-1/3 #56 102-2/3	17-1/2 17-1/2 18-1/2	2/9	17 Zinc S.M.
Gemshorn Celeste T.C.	8	49	56-1/3	17-1/2	2/9	5 Zinc S.M.
Spitzprincipal	4	73	60-3/4	18-1/2	1/4	5 Zinc S.M.
Contre Hautbois	16	80	2-1/2"	CCC to FF half length FF# up full length Lifting lid Oboe		C(F) Eschallots Zinc & S.M.

GREAT III-IV MIXTURE FORMULA

15	12	12	12	12
19	15	15	15	
22	19	19		
	22			
<u>1-37</u>	<u>38-49</u>	<u>50-54</u>	<u>55-56</u>	<u>57-61</u>
Unison 47 Sc.	17-1/2	1/4 mouth	S.M.	
Quint 49 Sc.	17-1/2	1/4 mouth	S.M.	