

UNIVERSITY OF MINNESOTA SCHOOL OF MUSIC
VAN DAALEN ORGAN — ROOM 213

SPECIFICATION

GREAT (61 notes, C-c''')

16'	Bourdon	(#1-24 Mahogany)
8'	Praestant	(#1-25 In Façade)
8'	Rohrflöte	(#1-12 Mahogany)
4'	Octave	
4'	Flûte Harmonique	
[2-2/3'	Quint	
[2-2/3'	Cornet — III ranks	
2'	Principal	
[2'	Mixture — V ranks	
8'	Trompet	
8'	Vox Humana	

SWELL (enclosed, 61 notes, C-c''')

8'	Viol Principal	
8'	Bourdon	(#1-12 Mahogany)
8'	Gemshorn Celeste	(From c 13)
4'	Principal	
4'	Spillflöte	
2-2/3'	Nasard	
2'	Doublette	
1-3/5'	Tierce	
[1-1/3'	Quint	
[1-1/3'	Acuta — IV ranks	
16'	Basson	
8'	Trompet	
8'	Hautbois	

PEDAL (32 notes, CC-g)

16'	Subbass	(Mahogany)
8'	Praestant	(#1-14 In Façade)
4'	Octave	
[2-2/3'	Rauschquint — II ranks	
[2-2/3'	Mixture — V ranks	
16'	Posauna	
8'	Trompete	
4'	Kopf Shalmey	

COUPLERS/ACCESSORIES

Great to Pedal

Swell to Pedal

Swell to Great

[Tramblant Doux (affecting entire organ)

[Tramblant Fort

Balanced Swell Pedal

Mechanical Key and Stop Action

32 Stops

41 Ranks

2,170 Pipes

All pipes are metal unless indicted above; metal pipes are composed of 23% tin.

Bracketed stops are double-draws: drawing the knob halfway engages the first stop; fully drawing the knob engages the second stop.



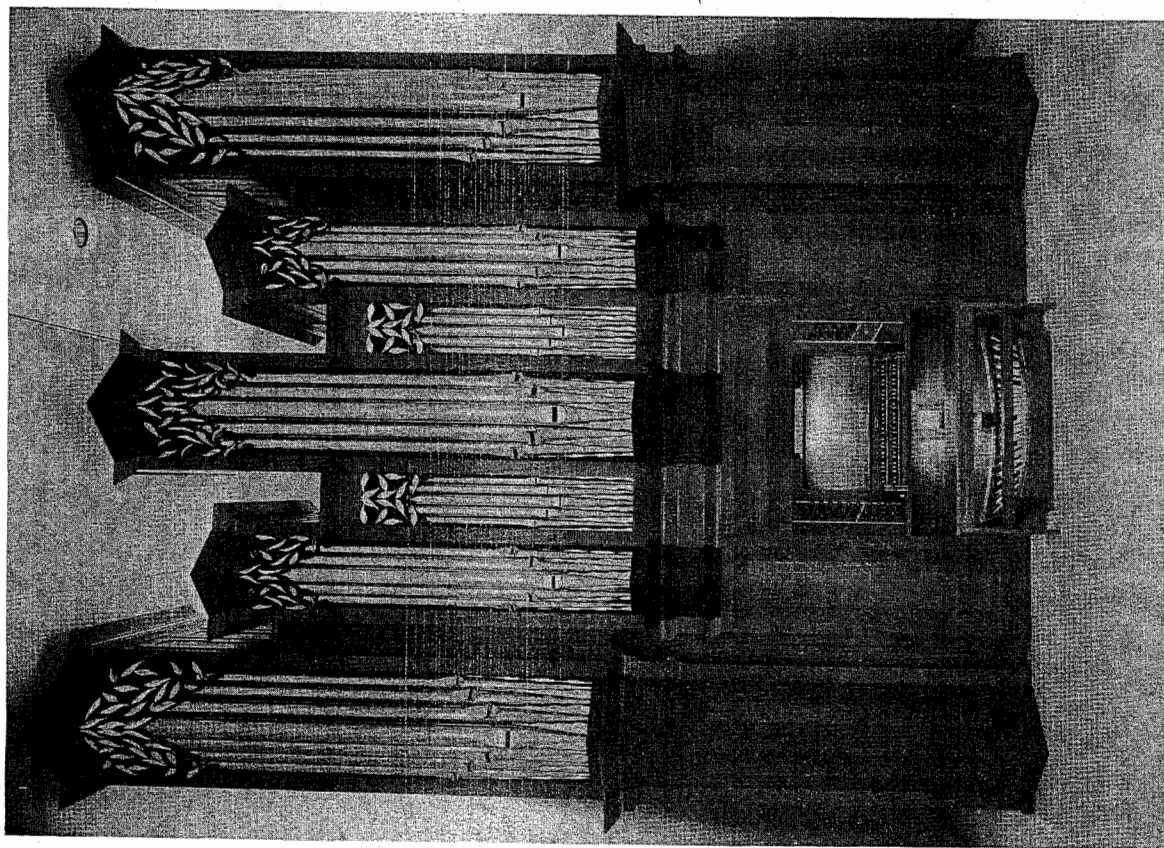
The Van Daalen organ

is a two-manual, mechanical-action organ comprising 32 speaking stops and 41 ranks of pipes. While certain stops of the organ reflect a derivation from Dutch and French styles of building, the instrument is essentially eclectic in design, reflecting a desire to provide an instrument upon which organists may study and perform a comprehensive body of literature.

The divisions of the organ are located with the Swell behind the Great in its own case and the Pedal on either side of the Great in the main case. This unusual layout of divisions has enabled the builder to use the height of the room to the greatest possible advantage. The double case has also allowed the use of a rather large opening for the Swell organ, enhancing its usefulness in the romantic repertoire. A decision was made not to scale or voice the organ for a small quiet sound due to the small size of the room in which it is placed. Rather, the instrument has been voiced as if it were in a larger building. Because the double-case design, as well as the location of the Great and Pedal above the level of the listener, provides for less direct sound to the listener, the resulting effect of the organ is powerful and colorful without being overwhelming.

The case of the Van Daalen organ is made of mahogany with inlay of white oak. Gold leaf has been used on the ornamental pipe shades and mouths of the facade pipes. The natural keys are of ebony, while the sharps are covered with ivory. A winding system using an electric blower and two wedge-shaped bellows is used. The entire organ is voiced on 3 inches of wind. The temperament, created by the late Charles Fisk, organ builder of Gloucester, Massachusetts, makes it possible to play in all keys, while certain keys (most notably F Major) are unusually pure. The organ has been provided with two pedalboards: one a 32-note radiating concave pedalboard built to A.G.O. standard specification; the other a 30-note Dutch-style flat pedalboard. The two pedalboards may be easily interchanged.

This instrument was designed by Jan Van Daalen in consultation with Dean Billmeyer.



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