

Introduction

Waterloo transfer grilles are suitable for mounting in doors, partitions and walls to allow ventilation air to pass between adjacent rooms. The NS series are small format grilles with a "no-sight" feature, the DV series are large format grilles for door ventilator applications. The range is available with a wide variety of frame and fixing options to suit various design needs.

Product Description

- NS** Core only grille for beading in place
- NSA** Framed no-sight grille with matching reverse frame
- NSC** Framed no-sight grille without a matching reverse frame
- DV** Core only door ventilator for bead fixing
- DVA** Framed door ventilator with matching reverse frame
- DVC** Framed door ventilator without a matching reverse frame
- NSNL** Core only "No Sight No Light" grille for beading in place.
- NSNLA** Framed NSNL grille with matching reverse frame.
- NSNLC** Framed NSNL grille without matching reverse frame.

Features

- Small, large or dark room formats to suit design requirements
- No sight (NS) option for room to room privacy
- Small, or large formats to suit design requirements
- Narrow core only for modern door systems (NS)
- Flange screw fixing provided
- Two border styles available

Finishes

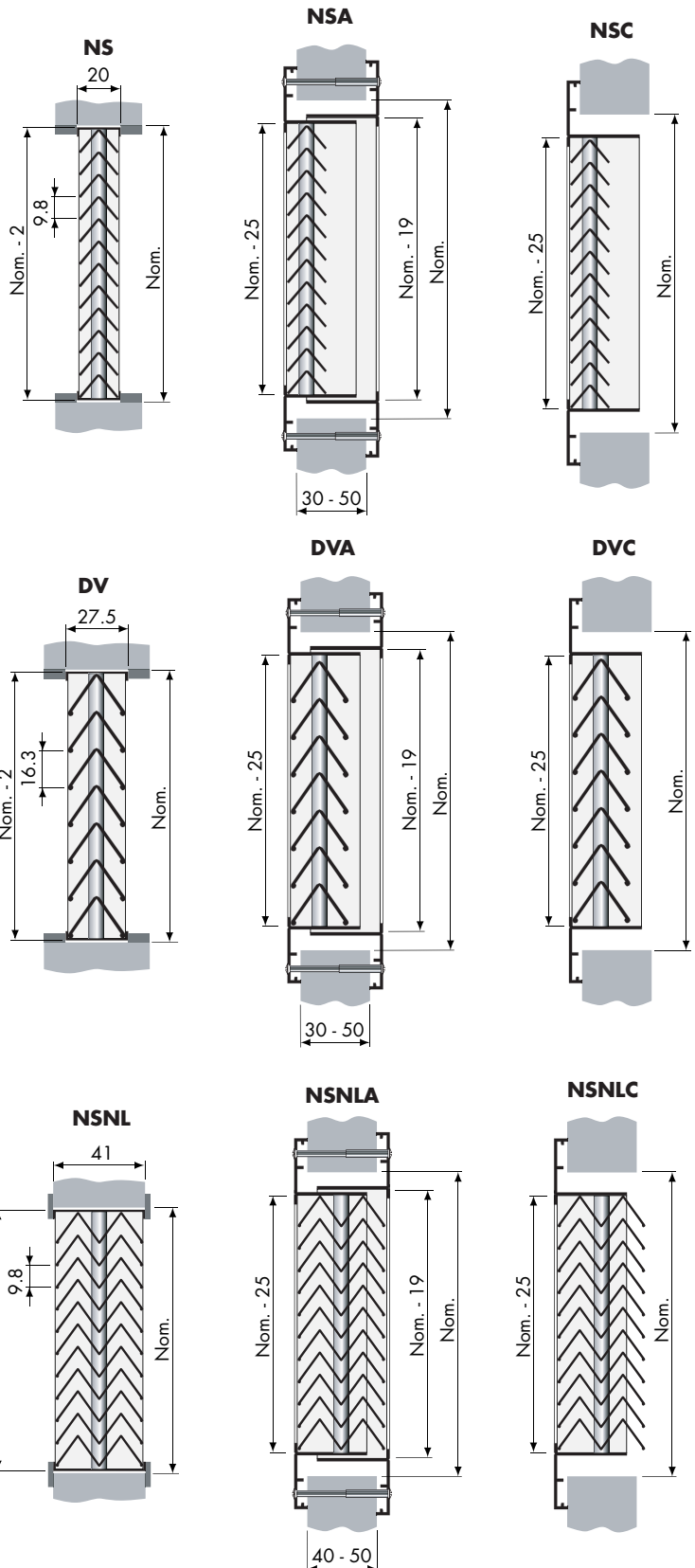
- NS/DV PPM9006 (RAL 9006 Matt Silver)
- PPM9010 (RAL 9010 20% Gloss White)
- PPG9010 (RAL 9010 Gloss White)
- NSNL PPG9005 (RAL 9005 Matt Black)
- Other colours or anodised finish available on request

Weights

- NS 16 kg/m² face area
- DV 19 kg/m² face area
- NSNL 29 kg/m² face area

Sizes

Minimum size - 100 x 100mm
 Maximum single section - 1200 x 550mm



Order Example

NSA/300x300/PPM9010/R25/SF

Type _____
 Nominal Width _____
 Nominal Height _____
 Finish _____
 Border _____
 Fixing _____

Fixings

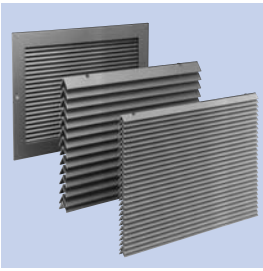
See page 41 for details

Suffix C	SF only
Suffix A	PSF
	SF

All others have no fixing (NF)

Free Area

NS NSA NSC	DV DVA DVC	NSNL NSNLA NSNLC
41%	41%	34%



Selection Criteria

NC LEVEL is sound pressure level/Noise Criteria Curve based on a room absorption of 8dB for sound power L_w ref $10^{12}W$.

Selection Example

300 x 250 Grille Supplying 200 l/s

NS

$P_S = 10Pa$ NC23

DV

$P_S = 13Pa$ NC23

NSNL

$P_S = 23Pa$ NC27

Performance Nomogram

