



A photograph of a modern interior space, likely a lounge or waiting area. The scene is dominated by a large, curved staircase with a glass railing on the left. In the foreground, two dark, modern armchairs are positioned on a light-colored floor. A large potted plant stands behind the chairs. The background features a curved wall and a ceiling with recessed lighting. The overall color palette is muted, with greys, blacks, and a hint of green from the plant.

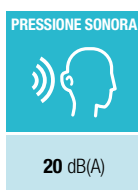
04

TRATTAMENTO ARIA

RECUPERATORE
DI CALORE ARIA-ARIA

288

RECUPERATORE DI CALORE ARIA-ARIA



Recuperatore d'aria a flussi incrociati con scambiatore di tipo entalpico ad alta efficienza. La presenza di un Bypass interno permette di gestire in "modalità automatico" il free-cooling in condizioni ambientali favorevoli.

SCOPRI
RECUPERATORE
DI CALORE



LISTINO
PREZZI



VN-U_SY-E RECUPERATORE DI CALORE ARIA-ARIA	
Modello	Descrizione
TCB-SFMCA1V-E	Sensore multifunzione CO2 / PM per VN-U
TCB-KBCN610V-E	Connettore per CN610 (OUTPUT per temperatura esterna molto bassa)
TCB-KBCN704V-E	Connettore per CN704 (OUTPUT per funzionamento ventilatori / scambio termico / free-cooling / anomalia)
TCB-KBCN705V-E	Connettore per CN705 (INPUT per inibizione comando a filo / cambio velocità / cambio modalità scambio termico - free-cooling / ON & OFF)
TCB-KBCN706V-E	Connettore per CN706 (INPUT ON & OFF via 12 / 24 V DC)
TCB-PSFC551VSY-E	Filtro ad alta efficienza (ePM1 55%) per taglie 150 / 250 mc / h
TCB-PSFC551VMY-E	Filtro ad alta efficienza (ePM1 55%) per taglia 350 mc / h
TCB-PSFC551VLY-E	Filtro ad alta efficienza (ePM1 55%) per taglie 500 / 650 mc / h
TCB-PSFC551VXY-E	Filtro ad alta efficienza (ePM1 55%) per taglie 800 / 1000 mc / h



RBC-AMSU52-E
RBC-AWSU52-E



NRC-01HE
(per VN-MxxxxHE)

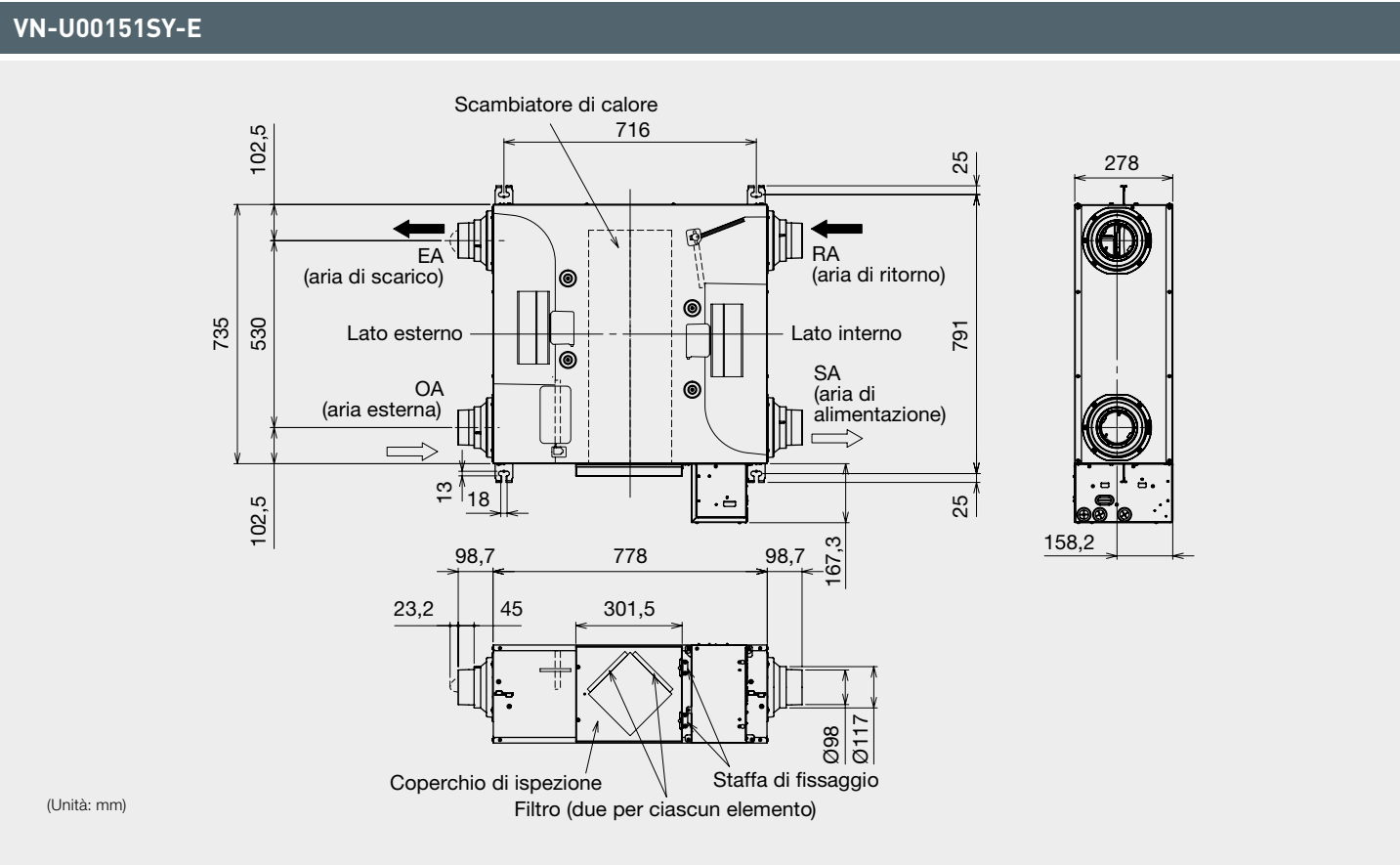
RECUPERATORE DI CALORE ARIA-ARIA
VN-U_SY-E

CONTROLLI
Opzionale

RECUPERATORE DI CALORE ARIA-ARIA

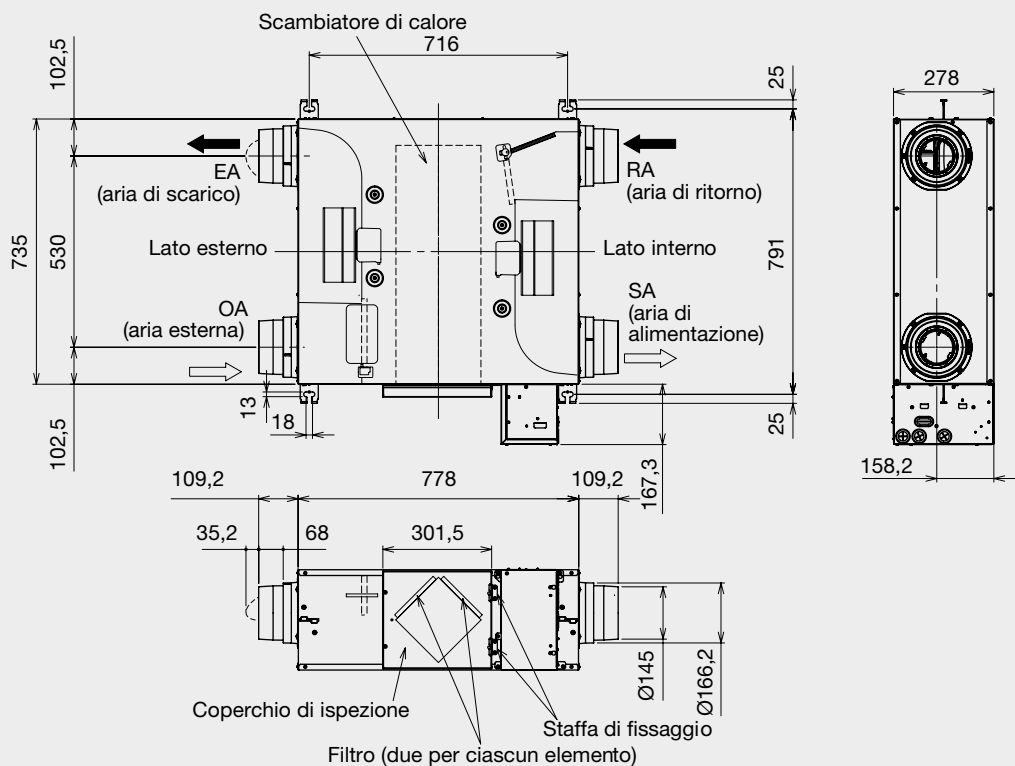
		SPECIFICHE TECNICHE VN-U_SY-E						
Modello		VN-U00151SY-E	VN-U00251SY-E	VN-U00351SY-E	VN-U00501SY-E	VN-U00651SY-E	VN-U00801SY-E	VN-U01001SY-E
Portata d'aria (eh/h/l)	m³/h	150/120/95/73	250/210/145/100	350/280/210/140	500/400/300/260	650/520/390/260	800/640/480/320	1000/800/640/400
Efficienza di scambio termico (eh/h/l)	%	77/80/81/81,5	75/76/78,5/80,5	74/75/79,5/83,5	74/74,5/76/77	70/72/74,5/76	72,5/74,5/80,5/88,5	70,5/71/76/84
Efficienza di scambio termico (Riscaldamento) (eh/h/l)	%	83/83,5/84,5/85	80/80,5/82/84	81/81,5/84/87	79/79,5/80/80,5	77/77,5/78/79	78/79/84/91	78/78,5/80/87
Efficienza di scambio entalpico (Riscaldamento) (eh/h/l)	%	76/80/81/82	75/76/78/81	73/76/80/84	73/74/45/76	70/72/74/76	73/74/80/88	72/7375/83
Efficienza di scambio termico (Raffrescamento) (eh/h/l)	%	71/76,5/77,5/78	70/71,5/75/77	67/68,5/75/80	69/69,5/72/73,5	63/66,5/71/73	67/70/77/86	63/63,5/72/81
Efficienza di scambio entalpico (Raffrescamento) (eh/h/l)	%	66/73/75/77	65/68/71/75	64/67/71/76	64/66/68/69	60/62/66/69	73/74/80/88	72/73/75/83
Livello di pressione sonora ^{1 2} (eh/h/l)	dB(A)	28/25/22/20	28/27/24/20	34/31/26/21	36/31/27/25	39/35/30/24	39/35/30/23	41/38/33/24
Potenza assorbita ² (eh/h/l)	W	56/43/35/29	75/57/39/29	152/92/59/39	174/105/60/51	306/176/96/55	328/196/114/62	541/291/151/74
Pressione statica esterna ² (eh/h/l)	Pa	90/60/43/26	75/53/30/16	160/100/57/26	125/80/45/39	150/100/58/29	145/92/53/28	170/110/60/30
Dimensioni (A x L x P)	mm	278x900x900	278x900x900	305x880x880	337x920x1020	337x920x1020	386x1130x1230	386x1130x1230
Peso	kg	29	29	40	47	47	63	63
Diametro condotti	mm	100	150	150	200	200	250	250
Alimentazione	V-ph-Hz	220-240 - 1 - 50						
Campo temperatura di funzionamento - aria estratta		-10°C ÷ +40°C, 80% UR o inferiore						
Campo temperatura di funzionamento - aria esterna		-15°C ÷ +43°C, 80% UR o inferiore						
Temperatura locale		+5°C ÷ +40°C, 80% UR o inferiore						

1) Livello di pressione sonora misurata ad 1,5 m dal fondo al centro dell'unità.
2) Livello di pressione sonora, potenza assorbita e valori di pressione statica esterna a 220 - 240 V
eh/h/l: super alta/alta/bassa



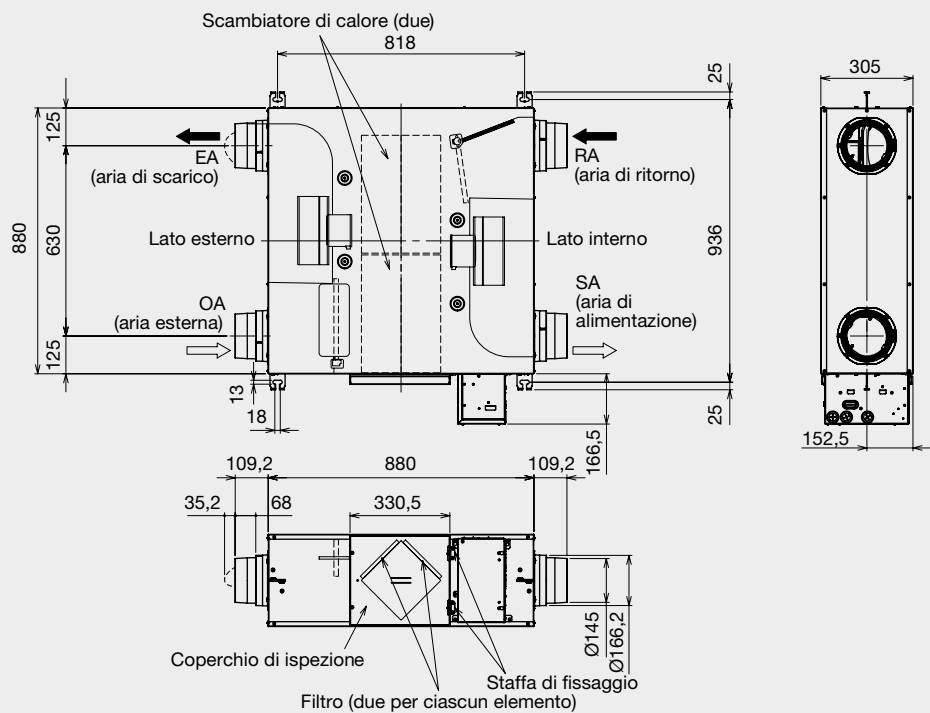
RECUPERATORE DI CALORE ARIA-ARIA

VN-U00251SY-E



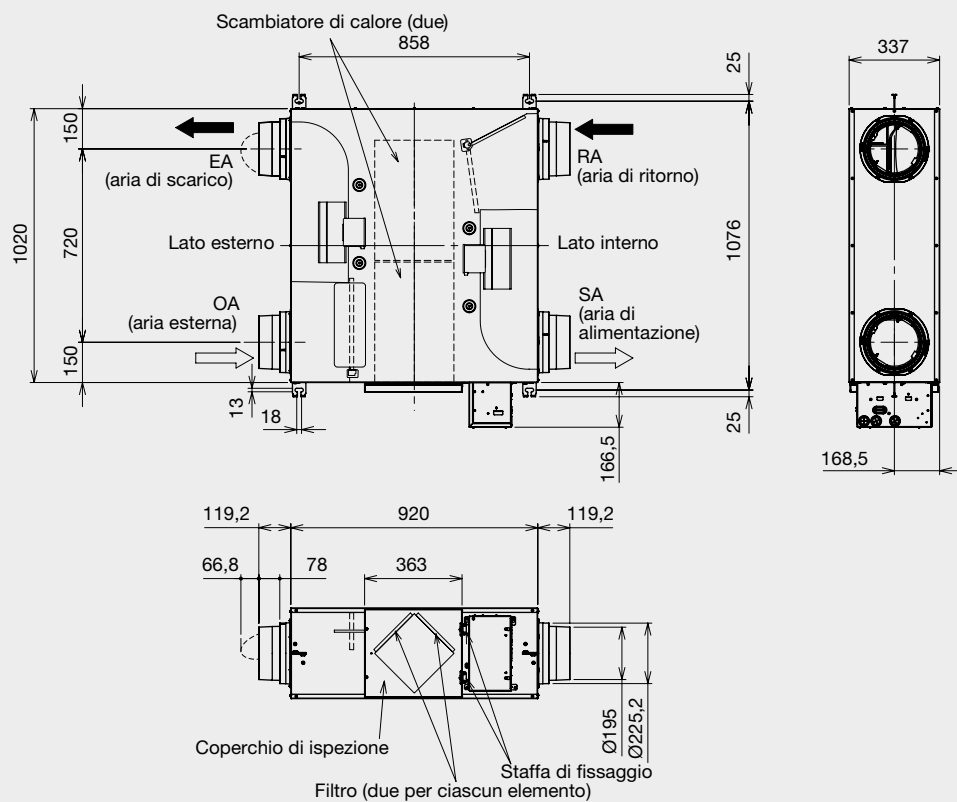
(Unità: mm)

VN-U00351SY-E



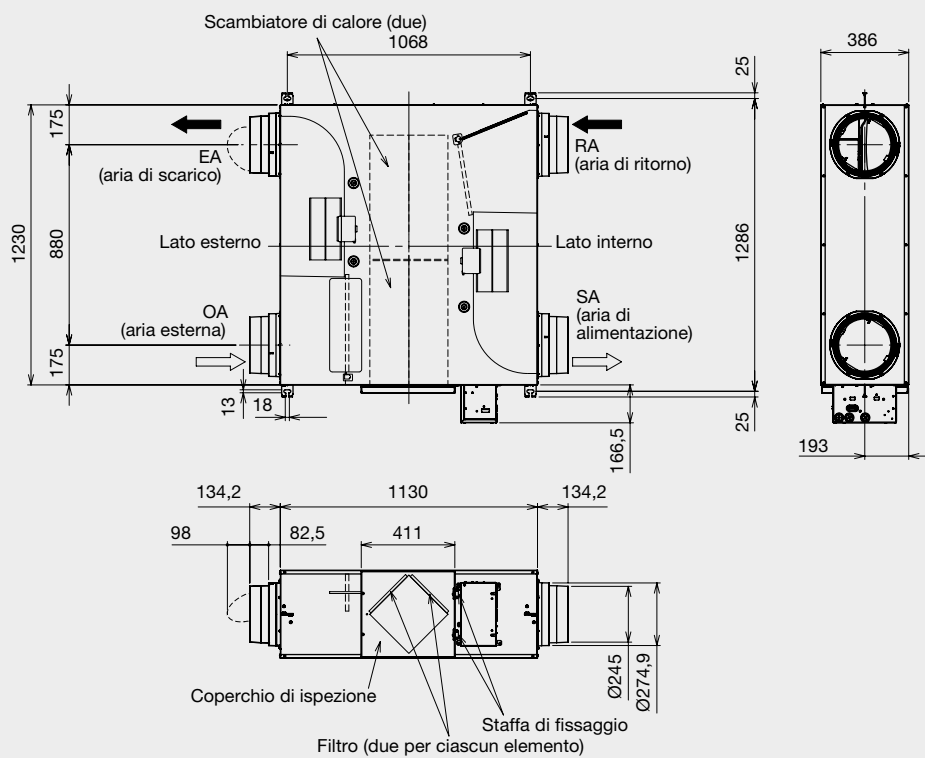
(Unità: mm)

VN-U00501SY-E, VN-U00651SY-E



(Unità: mm)

VN-U00801SY-E, VN-U01001SY-E

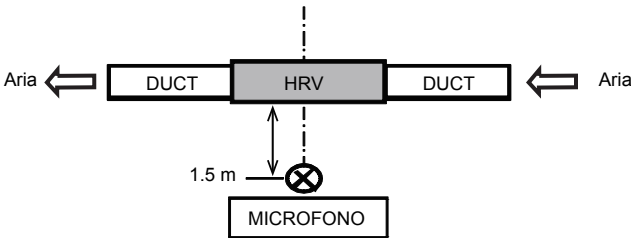


(Unità: mm)

RECUPERATORE DI CALORE ARIA-ARIA

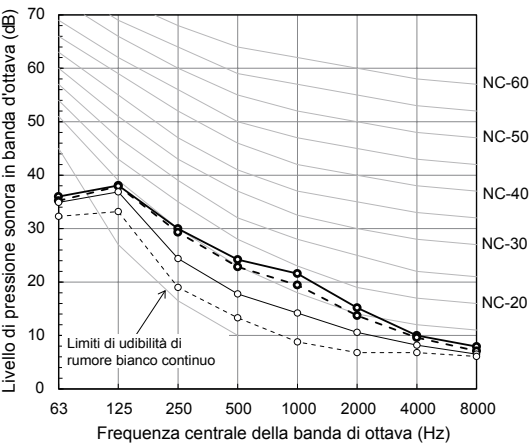
LIVELLI DI PRESSIONE SONORA

Metodo misurazione livelli pressione sonora



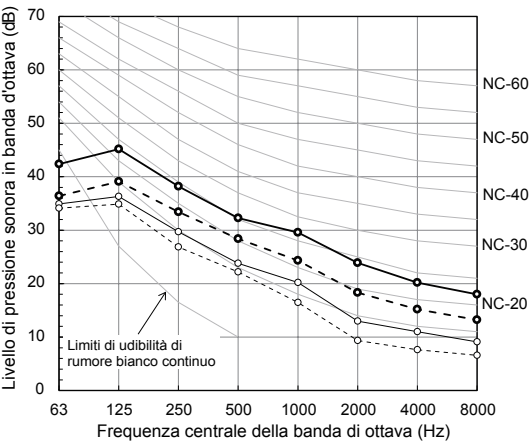
VN-U00251SY-E

Velocità	Extra high	High	Medium	Low
Pressione sonora (dB(A))	28.0	27.0	24.0	20.0



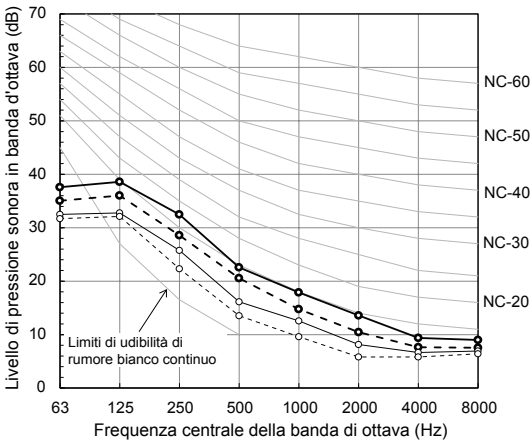
VN-U00501SY-E

Velocità	Extra high	High	Medium	Low
Pressione sonora (dB(A))	36.0	31.0	27.0	25.0



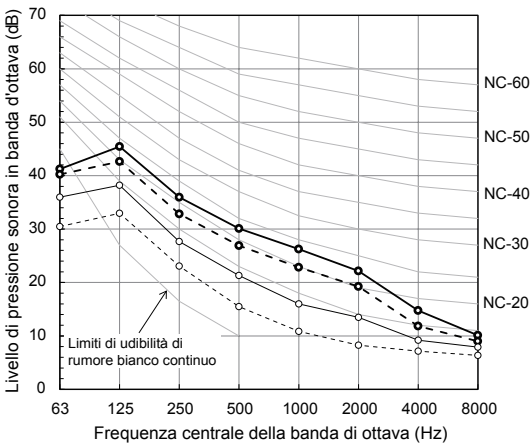
VN-U00151SY-E

Velocità	Extra high	High	Medium	Low
Pressione sonora (dB(A))	28.0	25.0	22.0	20.0



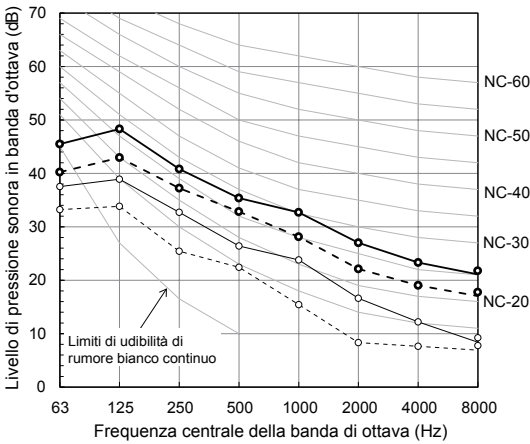
VN-U00351SY-E

Velocità	Extra high	High	Medium	Low
Pressione sonora (dB(A))	34.0	31.0	26.0	21.0



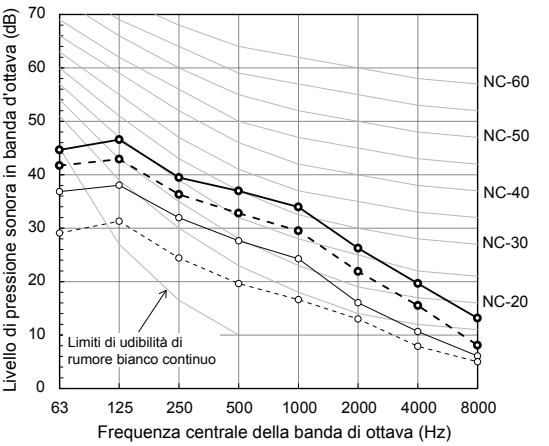
VN-U00651SY-E

Velocità	Extra high	High	Medium	Low
Pressione sonora (dB(A))	39.0	35.0	30.0	24.0



VN-U00801SY-E

Velocità	Extra high	High	Medium	Low
Pressione sonora (dB(A))	39.0	35.0	30.0	23.0



VN-U01001SY-E

Velocità	Extra high	High	Medium	Low
Pressione sonora (dB(A))	41.0	38.0	33.0	24.0

