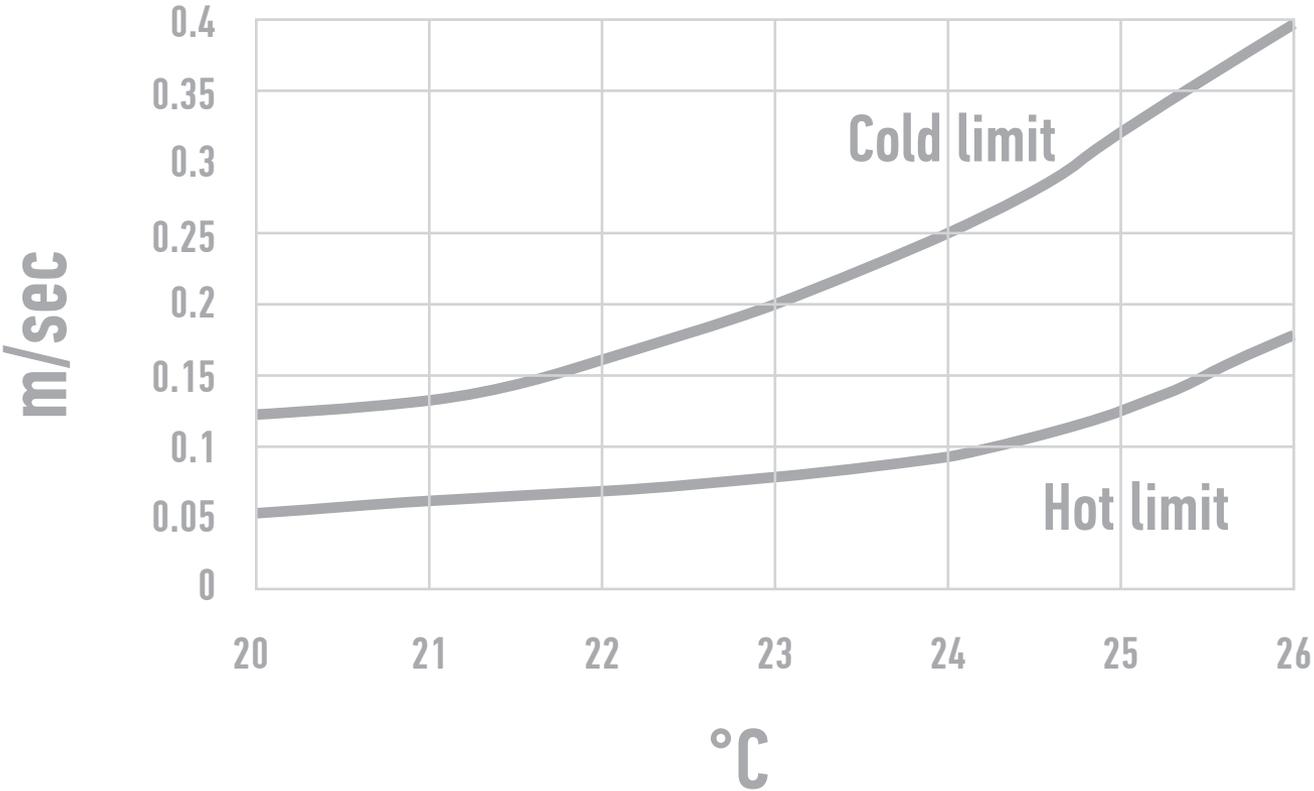


ACCEPTED AIR VELOCITIES



RECOMENDED AIR VELOCITY

Π202: RECOMMENDED AIR VELOCITY *

Air velocity in
occupied zone
(H=0-1,8m)

AIR VELOCITY	EFFECT	RECOMMENDED USE
0~0,08	Complains for not moving air	Not recommended
0,125	Very good	For all applications
0,125~0,25	Very good 0,25m/sec is the maximum for sitting people	For all applications
0,325	Not recommended for offices	
0,375	Maximum for moving people	Shops
0,375~1,5	Industrial use only	

ACCORDING TO
T.O.T.E.E. 2423/86

Note:
The air velocities mentioned
in the table are for the
occupied zone in every room.
(occupied zone is the zone from
the floor up to 2,00m high)

RECOMENDED AIR TEMPERATURE

Π203: RECOMMENDED INTERNAL CONDITIONS

ROOM TYPE	WINTER	SUMMER	
	TEMPERATURE °C	TEMPERATURE °C	RELATIVE HUMIDITY
A) HOUSES			
ROOMS	20	26	55~50
BATHS	22	-	-
CORRIDORS	15	28	-
STAIRS	10	-	-
B) SCHOOLS			
CLASSES	18	25~26	50
OFFICES	20	25~26	45~50
BATHS	22	-	-
W.C., CORRIDORS	5~10	-	-
LABORATORY	15~18	-	-
AMPHITHEATRES	18	-	-
SPORT HALLS	15	-	-
KINDERGARTENS			
CORRIDORS and W.C.	15	-	-
EXAMINATION ROOM	24	-	-

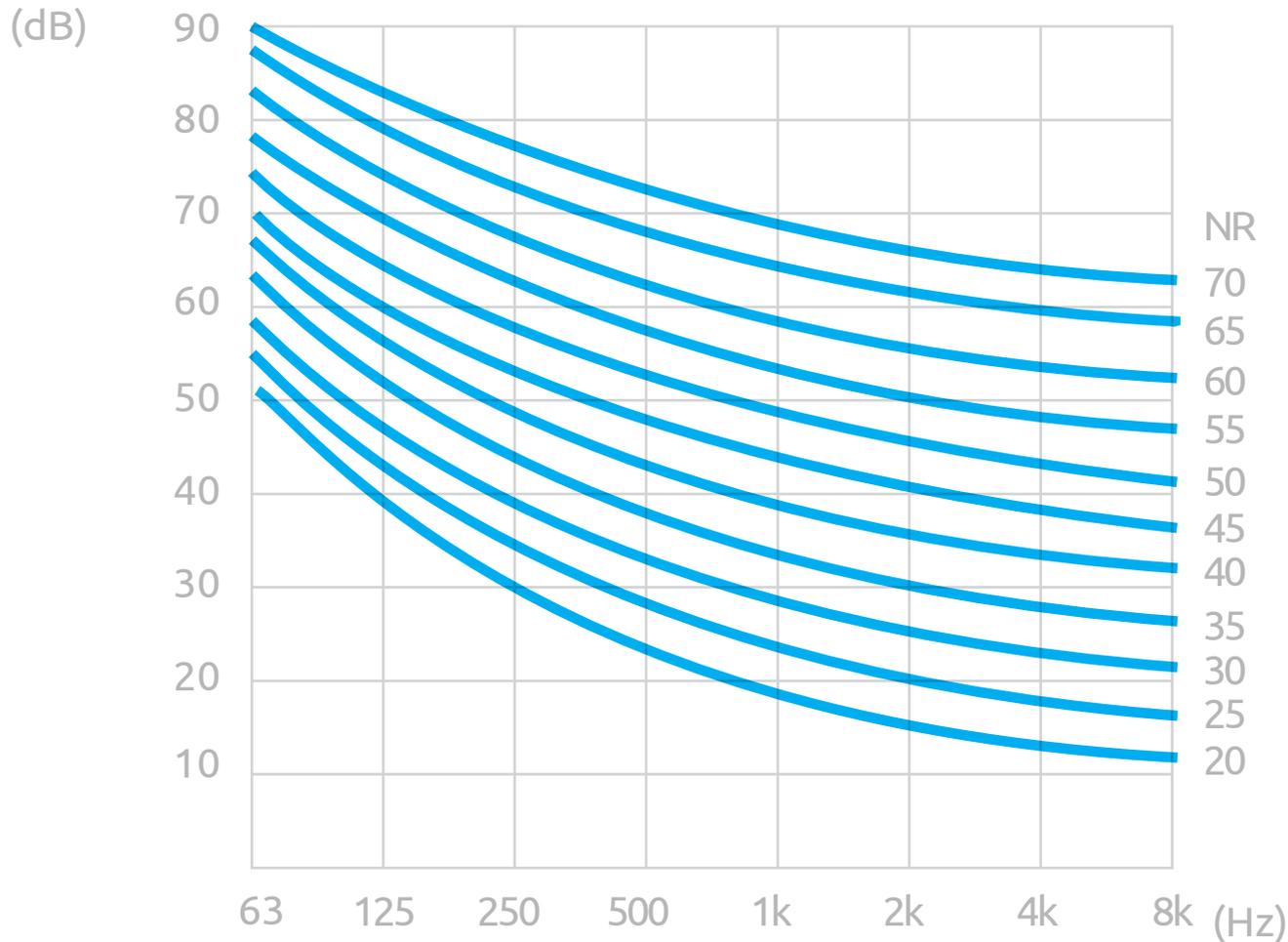
	TEMPERATURE °C	TEMPERATURE °C	RELATIVE HUMIDITY
	C) HOTELS		
ROOMS	20	26	55~50
BATHS	22	-	-
CORRIDORS	16	-	-
D) HOSPITALS			
ROOMS	22	26	55~50
BATHS	22	-	-
SURGERY	20~35	Special air conditioning	
CORRIDORS	18	-	-
STAIRS	15	-	-
E) OTHERS			
THEATRES	18	26~27	60~50
RESTAURANTS	18	26~27	60~50
SHOW ROOMS	20	26~27	Special conditions
CHURCHES	12~15	-	-

ACCORDING TO
T.O.T.E.E. 2423/86

RECCOMENDED NOISE LEVEL

ROOM/SPACE	DB(A)	NR
Theaters, Concert Halls, Recording Studios	25-30	20
Bedrooms, Libraries, Religious Prayer Rooms	25-30	25
Living Rooms, Classrooms, Lecture Halls, Conference Rooms	30-35	30
Offices, Courtrooms, Private Work Rooms	40-45	35
Corridors, Open Offices, Bathrooms, Toilet Rooms, Reception, Lobbies, Shopping	45-55	40
Kitchens, Shopping, Common Spaces, Dining Halls, Computer Rooms, Workshops	45-55	45

RELATION BETWEEN NR and dB(A)



Generally:
 $NR = dB(A) - (5 \sim 7)$