

UNIBLOCK DB-S

Type: Horizontal bi-block unit for small and medium volume rooms.

Power:

Medium temperature: 1088÷3747 Watt (7÷38 m³)

Low temperature: 720÷2453 (3÷21 m³)

Installation: condensing part on floor (or on support) outside room; evaporating part inside room

STANDARD CHARACTERISTICS

- Reciprocating hermetic compressor or scroll complete with integral protection
- Soundproofed compartments
- Condenser with large exchange surface
- Low speed fans
- Expansion with thermostatic valve
- Cyclic electric defrost
- Electronic speed regulator
- Built-in electric panel
- Preload of refrigerant
- Remote control panel (with cable L=5m)

OPTIONS

- Water condensing
- Kit for use of units in outside environment, including: pressure switch or condenser fans speed variator, compressor preheat resistance
- Different voltage
- Power supply control monitor

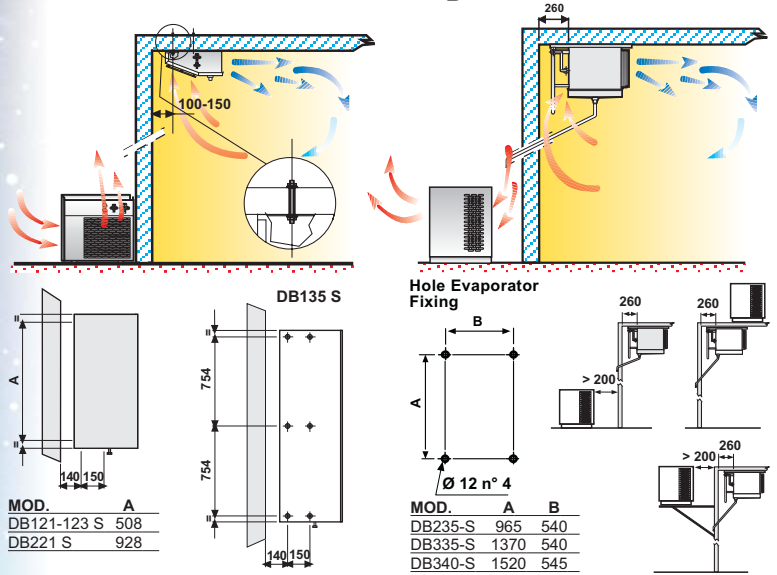
NOISE LEVEL:

Medium temperature = 32÷36 dB(A)

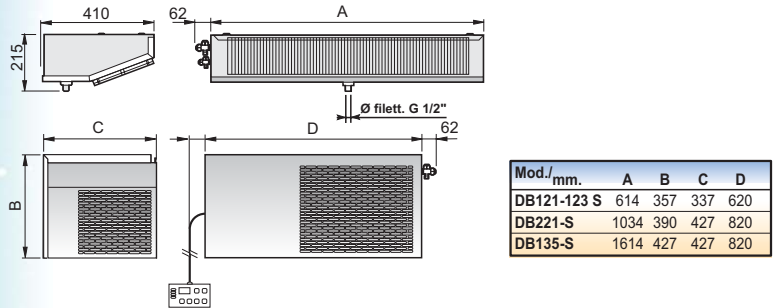
Low temperature = 36÷43 dB(A)

According to UNI EN 3746 - Dec '97 in free field at a distance of 10 m.

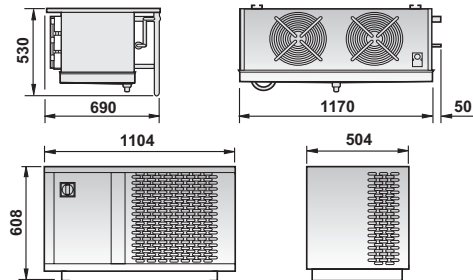
**CEILING-MOUNTED (evaporating unit)
FLOOR-MOUNTED (condensing unit)**



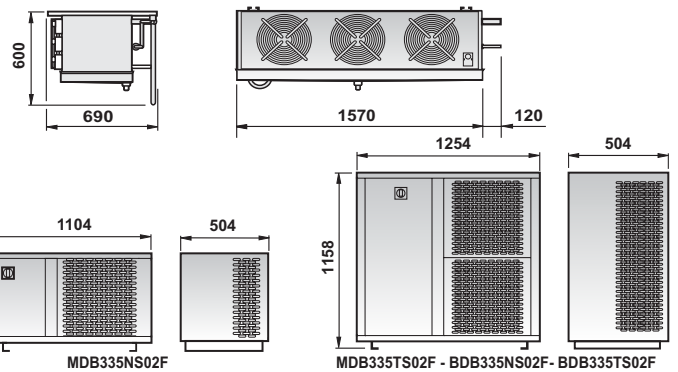
DIMENSIONS



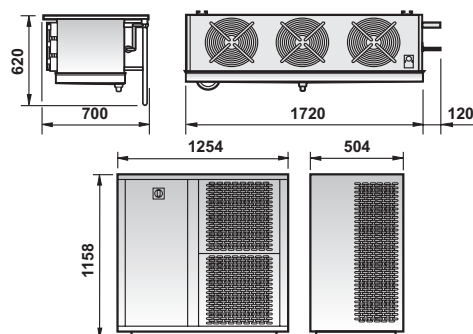
DB235-S



DB335-S



DB340-S



TECHNICAL DATA



UNIT	REFRIGERANT R404A				COMPRESSOR		CONDENSER	EVAPORATOR		REFRIGERATING CAPACITY (Watt)				
	Voltage	Nominal absorption	Weight	CU+EU	Type	Nominal horsepower	Air volume	Air volume	Air throw*	T. ext. 35°C		T. ext. 40°C		
	V/Ph/Hz	KW	A	kg	kw		m³/h	m³/h	m	Coldroom temp. 0°C -20°C		Coldroom temp. 0°C -20°C		
MEDIUM TEMPERATURE														
MDB121TS02F	230/1~/50	0.7	4.3	43+13	E	0.43	750	600	4	1088	-	1013	-	
MDB123TS02F	230/1~/50	0.8	5	43+13	E	0.5	750	600	4	1264	-	1194	-	
MDB221NS02F	230/1~/50	1	6.3	59+19	E	0.75	1400	1200	4	1854	-	1699	-	
MDB221TS02F	400/3N~/50	1.5	4.3	61+19	E	0.92	1400	1200	4	2108	-	1973	-	
MDB135TS02F	400/3N~/50	2.3	6.2	70+28	E	1.5	1500	1800	4	3747	-	3473	-	
MDB235NS02F	400/3N~/50	2.6	6.1	110+53	E	1.5	4000	4600	11	5124	-	4774	-	
MDB235TS02F	400/3N~/50	3.2	7.3	112+53	E	2.2	4000	4600	11	5867	-	5459	-	
MDB335NS02F	400/3N~/50	3.3	7.7	121+84	E	2.2	4000	6800	11	7345	-	6845	-	
MDB335TS02F	400/3N~/50	4	9.5	198+84	E	3	8000	6400	11	9271	-	8618	-	
MDB340NS02F	400/3N~/50	5.1	11.8	200+102	E	3.7	8000	8400	13	11154	-	10390	-	
MDB340TS02F	400/3N~/50	6.7	15	252+102	E	5.5	8000	8000	12	12973	-	12084	-	
LOW TEMPERATURE														
BDB121NS02F	230/1~/50	0.8	4.8	45+13	E	0.75	750	600	4	-	720	-	680	
BDB121TS02F	230/1~/50	0.7	4.5	50+13	E	1.1	750	600	4	-	917	-	868	
BDB123TS02F	230/1~/50	0.9	5.5	50+13	E	1.3	750	600	4	-	1234	-	1177	
BDB221NS02F	230/1~/50	1	6.1	61+19	E	1.3	1400	1200	4	-	1425	-	1343	
BDB221TS02F	400/3N~/50	2.1	5.7	69+19	E	1.5	1400	1200	4	-	1681	-	1596	
BDB135NS02F	400/3N~/50	2.3	6.3	72+28	E	1.5	1500	1800	4	-	2102	-	1913	
BDB135TS02F	400/3N~/50	1.9	5.5	78+28	E	2.2	1500	1800	4	-	2453	-	2294	
BDB235NS02F	400/3N~/50	3.4	7.7	122+53	E	3.7	4000	4600	11	-	4302	-	3994	
BDB235TS02F	400/3N~/50	4.4	9.5	124+53	E	3.7	4000	4600	11	-	4838	-	4530	
BDB335NS02F	400/3N~/50	6.1	13.1	176+84	E	5.5	8000	6800	11	-	6014	-	5609	
BDB335TS02F	400/3N~/50	7.9	17	252+84	E	7.5	8000	6400	11	-	8114	-	7586	
BDB340NS02F	400/3N~/50	8.6	18.7	262+102	E	7.5	8000	8400	13	-	9684	-	8960	
BDB340TS02F	400/3N~/50	9.9	21.2	290+102	E	9.2	8000	8000	12	-	11841	-	10919	

E = Hermetic compressor
S = Semihermetic compressor
CU = Condensing unit
EU = Evaporating unit
 * = Use "air throw" as a base. Air throw is affected by many factors such as height of room, product storage, location of evaporator, etc.