

# UNIBLOCK DB-D

**Type:** Horizontal bi-block unit for medium and large volume rooms

**Power:**

Medium temperature: 1900 ÷ 63400 Watt (19 ÷ 1800 m<sup>3</sup>) - Low temperature: 7800 ÷ 24000 Watt (126 ÷ 493 m<sup>3</sup>)

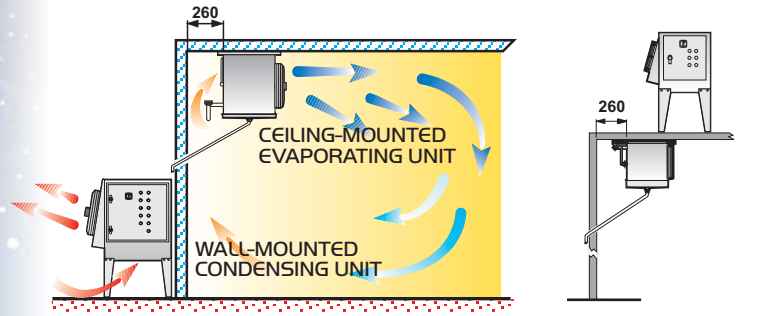
**Installation:** condensing part outside room on floor, evaporating part inside room on ceiling or on floor.

**STANDARD CHARACTERISTICS**

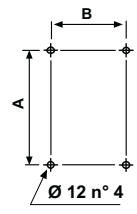
- Hermetic or semihermetic compressors complete with integral protection
- Compressor preheat resistance
- Evaporator in aluminium with large detachable compartments (versions DB260 and DB360); cubical for all other versions
- Expansion with thermostatic valve
- High efficiency low-noise helicoidal fans
- Fully automatic cyclic electric defrost
- Condensing pressure control with pressure switch
- Minimum and maximum pressure switches
- Built-in electric panel
- Line solenoid valve
- Liquid sight-glass
- Liquid receiver

**OPTIONS**

- Condenser fans electronic speed regulator
- Water condensing
- Remote control panel (for one or more machines mounted in the same cold room)
- Power supply control monitor
- Different voltage



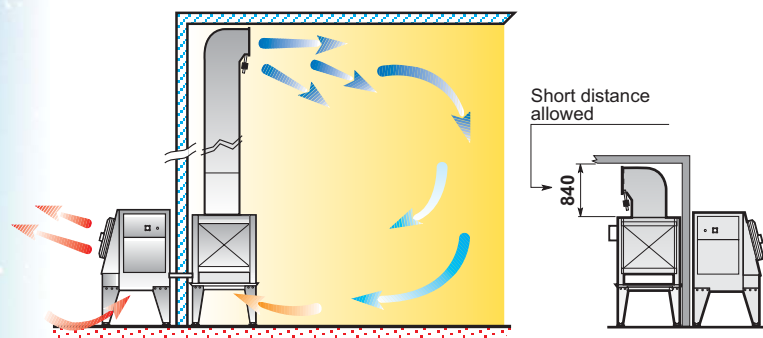
Hole Evaporator Fixing



MOD.	A	B
DB225	760	450
DB135	605	540
DB235	965	540
DB145	796	740
DB150	946	740
DB245	1326	740
DB250	1526	740
DB251	1526	740

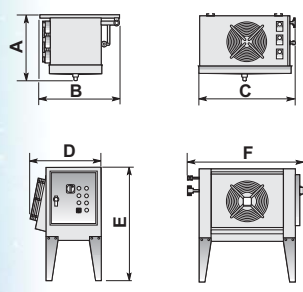
DB260 - DB360

FLOOR MOUNTED

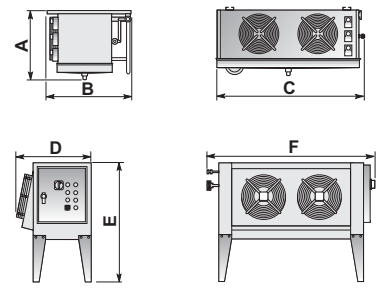


**DIMENSIONS**

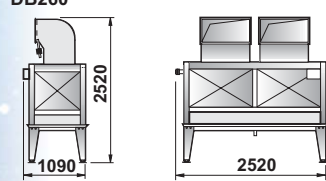
DB135 - 145 - 150



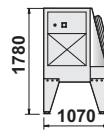
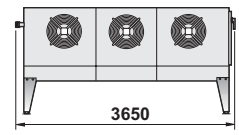
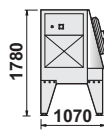
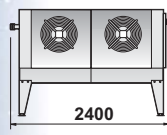
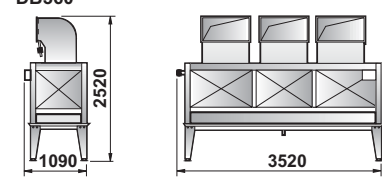
DB225 - 235 - 245 - 250 - 251



DB260



DB360



Mod./mm.	A	B	C	D	E	F
DB135	545	690	845	630	996	1015
DB145	670	950	1079	870	1290	1245
DB150	670	981	1249	870	1290	1395
DB225	455	560	1000	595	898	1170
DB235	505	690	1210	630	996	1375
DB245	670	992	1629	870	1290	1775
DB250/251	844	992	1829	1070	1465	2025



UNIT					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.		Coldroom temp.	
										0°C	-20°C	0°C	-20°C
<b>MEDIUM TEMPERATURE</b>													
MDB225ND01F	230/1~/50	1.1	7	95+26	E	0.75	1850	1800	6	1914	-	1780	-
MDB225TD01F	400/3N~/50	1.6	5	94+29	E	0.92	1850	1800	6	2163	-	2016	-
MDB135TD01F	400/3N~/50	2.2	5.1	103+37	E	1.5	2150	2300	12	3837	-	3550	-
MDB235TD01F	400/3N~/50	3.3	8	135+51	E	2.2	3800	4300	11	5981	-	5554	-
MDB145TD01F	400/3N~/50	4.3	9.6	209+75	E	2.2	4850	5000	20	7774	-	7127	-
MDB150TD01F	400/3N~/50	5.6	13.1	230+90	E	3	6800	6800	24	10307	-	9594	-
MDB245ND01F	400/3N~/50	7	16.2	284+110	E	3.7	9000	9300	18	13131	-	12086	-
MDB245TD01F	400/3N~/50	8	18.2	308+118	E	5.5	9000	9000	18	14615	-	13436	-
MDB250ND01F	400/3N~/50	9.7	23.2	396+155	E	7.5	13700	14300	25	20635	-	19055	-
MDB250TD01F	400/3N~/50	11.8	27.3	398+165	E	11	13700	14000	25	23999	-	22205	-
MDB251TD01F	400/3N~/50	16.3	35.8	503+180	S	15	13700	13700	25	28191	-	26293	-
MDB260TD01F	400/3N~/50	24.7	54.3	872+480	S	18.5	22300	20500	39	42275	-	39449	-
MDB360ND01F	400/3N~/50	30.8	69.4	1300+660	S	26	34000	31600	40	55792	-	51902	-
MDB360TD01F	400/3N~/50	37.6	82.5	1340+680	S	30	33300	30900	39	63313	-	58994	-
<b>LOW TEMPERATURE</b>													
BDB225ND01F	230/1~/50	1.1	6.8	94+26	E	1.1	1850	1800	6	-	1447	-	1370
BDB225TD01F	400/3N~/50	1.5	4.9	104+29	E	1.5	1850	1800	6	-	1829	-	1733
BDB135TD01F	400/3N~/50	2.7	6.2	111+37	E	2.2	2150	2300	12	-	2691	-	2540
BDB235TD01F	400/3N~/50	4.6	10.7	217+51	S	3.7	3800	4300	11	-	5052	-	4622
BDB145ND01F	400/3N~/50	6.6	14.6	271+75	S	3.7	4850	5000	20	-	6173	-	5671
BDB145TD01F	400/3N~/50	7.3	16.2	286+75	S	5.5	4850	5000	20	-	7560	-	6942
BDB150ND01F	400/3N~/50	7.8	18	298+88	S	5.5	6800	6800	24	-	8689	-	8009
BDB150TD01F	400/3N~/50	9	20.3	305+93	S	7.5	6800	6800	24	-	10252	-	9422
BDB245ND01F	400/3N~/50	10.6	24.2	422+110	S	9.2	9000	9300	18	-	12262	-	11358
BDB245TD01F	400/3N~/50	13	29	422+118	S	11	9000	9000	25	-	14184	-	12930
BDB250ND01F	400/3N~/50	15.2	35	503+155	S	15	13700	14300	25	-	19072	-	17382
BDB250TD01F	400/3N~/50	17.9	40.5	555+165	S	18.5	13700	14000	25	-	22665	-	20748
BDB251TD01F	400/3N~/50	21.6	47.9	555+180	S	22	13700	13700	25	-	24836	-	22813
BDB260ND01F	400/3N~/50	25.2	59.4	895+465	S	22	22800	22400	42	-	28519	-	26086
BDB260TD01F	400/3N~/50	36.5	82.4	1040+480	S	30	22300	21800	41	-	34341	-	31490
BDB360ND01F	400/3N~/50	39.1	91.8	1340+650	S	37	34000	33600	42	-	45609	-	41707
BDB360TD01F	400/3N~/50	47.4	108.6	1350+670	S	44.5	33300	32800	41	-	51629	-	47317

**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.