

# UNIBLOCK BX

**Type:** independent monobloc for medium and large volume rooms

**Power:**

Medium temperature: 42300 ÷ 63400 Watt (1150 ÷ 1800 m<sup>3</sup>)

Low temperature: 28500 ÷ 51700 Watt (1000 ÷ 1900 m<sup>3</sup>)

**Installation:** floor mounted

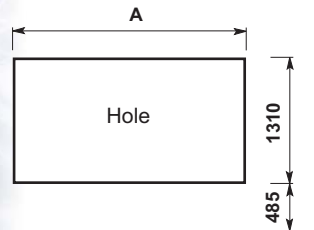
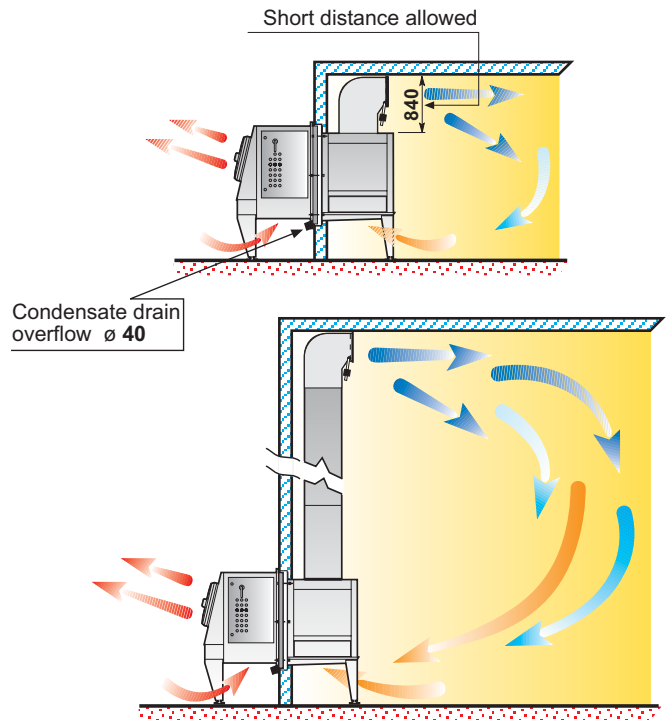
**STANDARD CHARACTERISTICS**

- Semi-Hermetic compressor complete with integral protection
- Compressor preheat resistance
- Evaporator in aluminium with large detachable compartments
- 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**

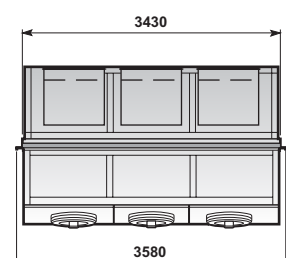
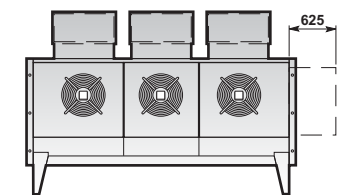
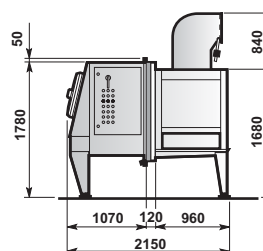
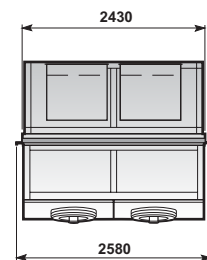
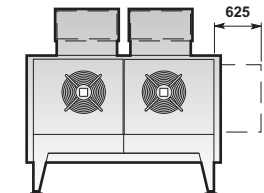
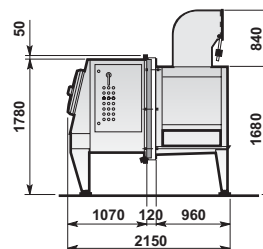
- Water condensing
- Remote control panel (for one or more machines mounted in the same cold room)
- Condenser fans electronic speed regulator
- Power supply control monitor
- Different voltage

**FLOOR MOUNTED**



MOD.	A
BX260	2440
BX360	3440

**DIMENSIONS**





UNIT	Voltage				Nominal absorption		Weight		COMPRESSOR		CONDENSER	EVAPORATOR		REFRIGERATING CAPACITY (Watt)			
	V/Ph/Hz		KW	A	kg	Type	Nominal horsepower	kw		Air volume	Air volume	Air throw*	T. ext. 35°C		T. ext. 40°C		
										m <sup>3</sup> /h	m <sup>3</sup> /h	m	Coldroom temp.		Coldroom temp.		
													0°C	-20°C	0°C	-20°C	
<b>MEDIUM TEMPERATURE</b>																	
<b>MBX260T01F</b>	400/3N~/50	24.7	54.3	1400	S	18.5	22300	20500	39	42275	-	39449	-				
<b>MBX360N01F</b>	400/3N~/50	29.3	79.9	2075	S	26	34000	31600	40	55792	-	51902	-				
<b>MBX360T01F</b>	400/3N~/50	32.8	76.6	2120	S	30	33300	30900	39	63313	-	58994	-				
<b>LOW TEMPERATURE</b>																	
<b>BBX260N01F</b>	400/3N~/50	25.2	59.4	1410	S	22	22800	22400	42	-	28519	-	26086				
<b>BBX260T01F</b>	400/3N~/50	36.5	82.4	1570	S	30	22300	21800	41	-	34341	-	31490				
<b>BBX360N01F</b>	400/3N~/50	39.1	91.8	2120	S	37	34000	33600	42	-	45609	-	41707				
<b>BBX360T01F</b>	400/3N~/50	47.4	108.6	2130	S	44.5	33300	32800	41	-	51629	-	47317				

**E** = Hermetic compressor

**S** = Semihermetic compressor

\* = Use "air throw" as a base. Air throw is affected by many factors such as height of room, product storage, location of evaporator, etc.

# RS, DB, BX: MULTI-TEMPERATURE AND ULTRA LOW TEMPERATURE UNITS

## MULTI-TEMPERATURE UNITS

### Temperature Range:

+5°C to -5°C and -15°C to -25°C

## STANDARD CHARACTERISTICS

Special refrigerating system designed to refrigerate cold rooms suitable for storage of both fresh and frozen products. In such a way the cold rooms can be completely versatile and used for any requirement.

## ULTRA LOW TEMPERATURE UNITS

### Temperature Range:

-25°C to -40°C

## STANDARD CHARACTERISTICS

Refrigerating units designed for any food blast freezing process. The freezing process take place in a special manufactured tunnel, in order to reach a final temperature of -35°C / -40°C.

APPLICATION

DIMENSIONS

Dimensions of the RS, DB and BX are the same as the M and B range.





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>MULTI-TEMPERATURE</b>													
<b>PRS135T001F</b>	400/3N~/50	3.4	7.8	150	E	2.2	2150	2300	12	3712	2625	3444	2376
<b>PRS235T001F</b>	400/3N~/50	5.1	12	313	S	3.7	3800	4300	11	6707	5406	6199	4969
<b>PRS145T001F</b>	400/3N~/50	8.3	18.2	404	S	5.5	4850	5000	20	9240	7232	8485	6568
<b>PRS150T001F</b>	400/3N~/50	9	20.3	490	S	7.5	6800	6800	24	12388	10280	11409	9490
<b>PRS245T001F</b>	400/3N~/50	13.6	30.2	650	S	11	9000	9000	18	17246	14203	15773	12966
<b>PRS251T001F</b>	400/3N~/50	23.9	52.6	790	S	22	13700	13700	25	30159	24898	27743	22962
<b>PBX260T001F</b>	400/3N~/50	31.5	72.1	2140	S	44.5	22300	21800	41	41963	33957	38353	30933
<b>PBX360T001F</b>	400/3N~/50	39	91.6	2320	S	60	33300	32800	41	62901	51629	57936	47755
<b>PDB135T001F</b>	400/3N~/50	3.4	7.8	122+37	E	2.2	2150	2300	12	3712	2625	3444	2376
<b>PDB235T001F</b>	400/3N~/50	5.1	12	257+51	S	3.7	3800	4300	11	6707	5406	6199	4969
<b>PDB145T001F</b>	400/3N~/50	8.3	18.2	286+75	S	5.5	4850	5000	20	9240	7232	8485	6568
<b>PDB150T001F</b>	400/3N~/50	9	20.3	335+93	S	7.5	6800	6800	24	12388	10280	11409	9490
<b>PDB245T001F</b>	400/3N~/50	13.6	30.2	422+118	S	11	9000	9000	18	17246	14203	15773	12966
<b>PDB251T001F</b>	400/3N~/50	23.9	52.6	571+180	S	22	13700	13700	25	30159	24898	27743	22962
<b>PDB260T001F</b>	400/3N~/50	31.5	72.1	1060+480	S	44.5	22300	21800	41	41963	33957	38353	30933
<b>PDB360T001F</b>	400/3N~/50	39	91.6	1540+680	S	60	33300	32800	41	62901	51629	57936	47755

UNIT				COMPRESSOR		CONDENSER	EVAPORATOR		REFRIGERATING CAPACITY (Watt)				
	Voltage	Nominal absorption	Weight CU+EU	Type	Nominal horsepower	Air volume	Air volume	Air throw*	T. cond. 40°C		T. cond. 50°C		
	V/Ph/Hz	KW	A	kg	kw	m³/h	m³/h	m	Temp. evap.		Temp. evap.		
									-40°C	-45°C	-40°C	-45°C	
<b>ULTRA LOW TEMP.</b>													
<b>CRS150N001F</b>	400/3N~/50	6.9	15.5	500	DS	5.5	6800	7300	26	4015	3175	3760	2985
<b>CRS150T001F</b>	400/3N~/50	10.2	22	481	DS	7.5	6800	7300	26	6240	4870	5850	4590
<b>CRS250N001F</b>	400/3N~/50	13.6	30.2	760	DS	11	13700	15300	33	14650	12110	14100	11660
<b>CRS250T001F</b>	400/3N~/50	23.9	52.6	825	DS	18.5	13700	15300	33	21000	17360	20220	16750
<b>CBX260T301F</b>	400/3N~/50	31.5	72.1	1450	DS	22	22300	26900	45	25780	21320	24830	20570
<b>CBX260T401F</b>	400/3N~/50	31.5	72.1	1660	DS	30	22300	26900	45	35460	29320	34140	28300
<b>CBX260T501F</b>	400/3N~/50	31.5	72.1	1700	DS	37	22300	25900	44	42000	34720	40440	33500
<b>CBX360T001F</b>	400/3N~/50	39	91.6	2570	DS	56	33300	39000	44	63000	52080	60660	50250
<b>CDB150N001F</b>	400/3N~/50	6.9	15.5	377+90	DS	5.5	6800	7300	26	4015	3175	3760	2985
<b>CDB150T001F</b>	400/3N~/50	10.2	22	640+90	DS	7.5	6800	7300	26	6240	4870	5850	4590
<b>CDB250N001F</b>	400/3N~/50	13.6	30.2	650+160	DS	11	13700	15300	33	14650	12110	14100	11660
<b>CDB250T001F</b>	400/3N~/50	23.9	52.6	1110+160	DS	18.5	13700	15300	33	21000	17360	20220	16750
<b>CDB260T301F</b>	400/3N~/50	31.5	72.1	1110+465	DS	22	22300	26900	45	25780	21320	24830	20570
<b>CDB260T401F</b>	400/3N~/50	31.5	72.1	1132+480	DS	30	22300	26900	45	35460	29320	34140	28300
<b>CDB260T501F</b>	400/3N~/50	31.5	72.1	1140+490	DS	37	22300	25900	44	42000	34720	40440	33500
<b>CDB360T001F</b>	400/3N~/50	39	91.6	1810+690	DS	56	33300	39000	44	63000	52080	60660	50250

- E** = Hermetic compressor
- S** = Semihermetic compressor
- D** = Double stage 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.