WALL-MOUNTED MONOBLOCK FOR COLD ROOMS

- already "plug&play" cooling or freezing system designed to wall mounting in cold rooms
- monoblocks designed for operation in sheltered spaces at external (ambient) temperatures of +10°C/+43°C (optionally +0°C/+43°C), on special order, possible -20°C/+43°C
- dual-range monoblock: refrigeration and freezing combined in one! (on request)
- condensate evaporation system
- automatic defrosting (hot gas)

TECHNICAL SPECIFICATION

WALL-MOUNTED MONOBLOCK FOR COLD ROOMS

MBP (-5°C / 0°C / +5°C) — **OPERATING TEMPERATURE RANGE: +10°C / +43°C**

COLD-ROOM INTERNAL TEMP.		-5°C				0°C				+5°C				DISPLACEMENT	POWER SUPPLY	AIRFLOW CONDENSER	NET WEIGHT
SYMBOL	SIZE BY TABLE	EXTERNAL TEMPERATURE				EXTERNAL TEMPERATURE				EXTERNAL TEMPERATURE							
		43°C		32°C		43°C		32°C		43°C		32°C					
		m³	W	m³	W	m³	W	m³	W	m³	W	m³	W	cm³	V~/Ph/Hz	m³/h	Kg
MBP-KOB-M04	(1)	4	790	4,8	948	5,2	932	6,8	1118	8	1182	9,5	1400	14,3	230/1/50	850	46
MBP-KOB-M05	(1)	5	930	5,9	1099	6,5	1136	8,3	1339	9,8	1373	11,3	1614	16,8		850	48
MBP-KOB-M07	(2)	7	1045	8,5	1293	9,5	1320	10,8	1625	12,1	1637	13,5	1998	22,4		1700	60
MBP-KOB-M08	(2)	8	1362	9,5	1638	10	1685	14,5	2028	15,9	2067	18,5	2482	27,8		1700	63
MBP-KOB-M09	(2)	9	1580	10,8	1896	11,2	1864	16,5	2236	18,4	2364	23,4	2800	2x14,3		1700	75
MBP-KOB-M12	(2)	12	1860	14,1	2198	15	2272	20,9	2678	24,5	2746	28	3228	2x16,8		1700	78
MBP-KOB-M18	(3)	18	2090	23,1	2586	21,6	2640	32,6	3250	35	3274	43	3996	2x22,4		1700	90

PARAMETERS CALCULATED ACCORDING TO EN 12900 FOR: ΔT CONDENSATION=10K, ΔT EVAPORATION=10K;
SUGGESTED VOLUME CALCULATED FOR INSULATED PANELS WITH A THICKNESS OF 60 MM AND INSULATED FLOOR.

LBP (-25°C / -20°C / -15°C) — **OPERATING TEMPERATURE RANGE: +10°C / +43°C**

COLD-ROOM INTERNAL TEMP.		-25°C				-20°C				-15°C				DISPLACEMENT	POWER SUPPLY	AIRFLOW CONDENSER	NET WEIGHT
SYMBOL	SIZE BY TABLE	EXTERNAL TEMPERATURE				EXTERNAL TEMPERATURE				EXTERNAL TEMPERATURE							
		43°C		32°C		43°C		32°C		43°C		32°C					
		m³	W	m³	W	m³	W	m³	W	m³	W	m³	W	cm³	V~/Ph/Hz	m³/h	Kg
MBP-KOB-L03	(1)	3	523	3,3	675	4	699	4,8	873	5,8	900	8	1109	27,8	230/1/50	850	56
MBP-KOB-L04	(1)	4	716	4,5	876	5,5	926	6,3	1121	9,7	1171	11	1406	33,4		850	59
MBP-KOB-L08	(2)	8	1064	9,3	1350	13	1398	17	1746	23,2	1800	28	2218	2x27,8		1700	90
MBP-KOB-L13	(3)	13	1432	14,6	1752	18,9	1852	23,7	2242	34,6	2342	39	2812	2x33,4		1700	90

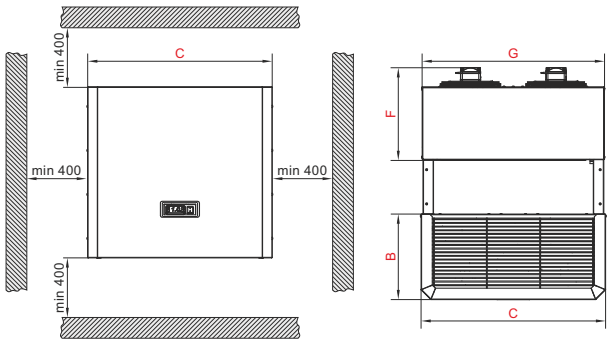
PARAMETERS CALCULATED ACCORDING TO EN 12900 FOR: ΔT CONDENSATION=10K, ΔT EVAPORATION=10K;
SUGGESTED VOLUME CALCULATED FOR INSULATED PANELS WITH A THICKNESS OF 100 MM AND INSULATED FLOOR.

DIMENSIONAL SPECIFICATION

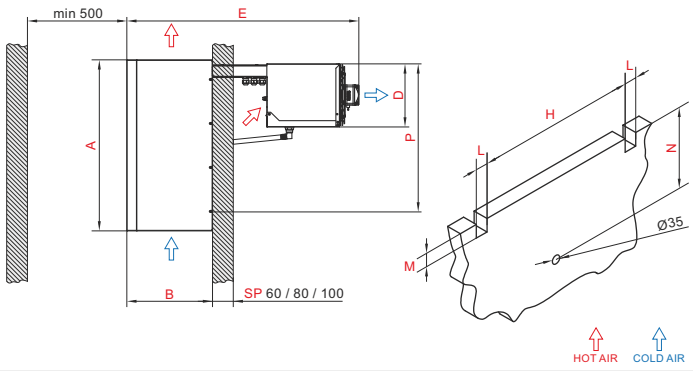
WALL-MOUNTED MONOBLOCK (HANGING AT PU PANEL) **MBP-KO...CH/MR**

	DIMENSIONS [mm]														
SIZE	A	B	C	D	E	F	G	H	L	M	N	O	P	Q	R
(1)	700	350	455	255	950	375	445	350	50	55	330	455	600	460	610
(2)	700	350	755	255	950	375	745	650	50	55	330	755	600	760	610
(3)	800	420	755	420	1060	400	745	640	55	65	480	755	600	760	610

MIN. DISTANCE FROM SIDE WALLS 400 mm

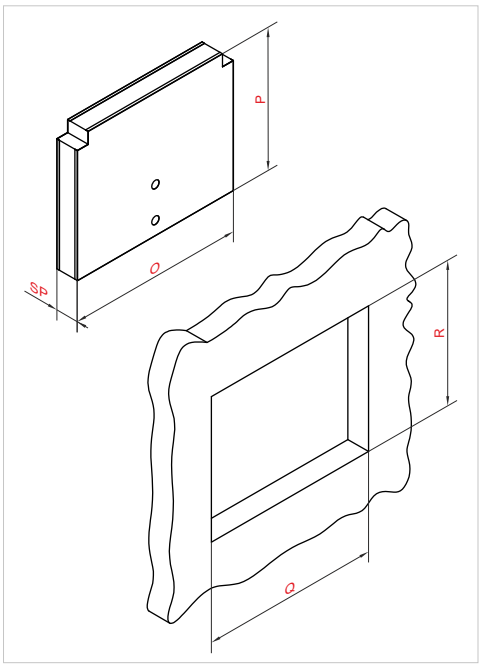


MIN. DISTANCE FROM FRONT WALL 500 mm

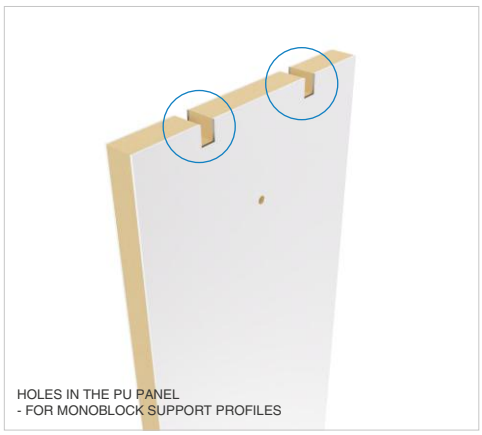


EXAMPLE OF APPLICATION IN A COLD ROOM

WALL-MOUNTED MONOBLOCK

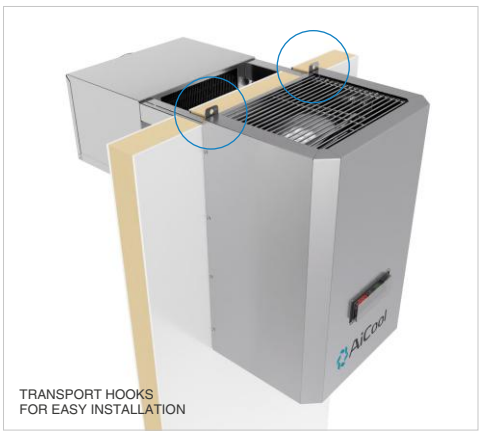


MOUNTING THE UNIT ONTO THE CHAMBER WALL



HOLES IN THE PU PANEL
- FOR MONOBLOCK SUPPORT PROFILES

HOLES IN THE CASING - ADDITIONAL MOUNTING OF THE MONOBLOCK WITH SCREWS TO THE PU PANEL



TRANSPORT HOOKS FOR EASY INSTALLATION