

metos
kitchen intelligence[™]



***Metos ePro and Ready
Blast Chill and Freeze Cabinets***

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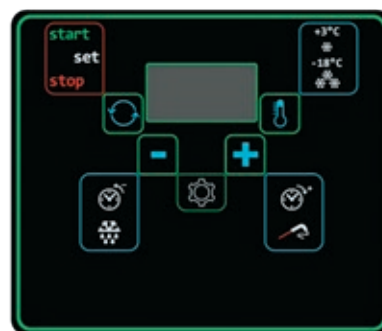
Blast chill and freeze functions let you schedule your cooking to best suitable time

Metos ePro Blast Chill / Freeze Cabinets

Metos ePRO blast chillers reduce the temperature of raw and cooked food quickly and efficiently maintaining freshness, hygiene and quality, and they meet all HACCP demands. The wide Metos range offers efficient solution for all blast chilling and freezing needs in kitchen.

The ePro range comprises cabinet models. Air cooled condensation is standard. All models are available also for remote cooling units or with water cooled condensation. The refrigerant is R452A or R290 in self cooled units. ePro models are supplied with a core probe. Cabinets are stainless steel throughout and insulation is polyurethane.

Metos ePRO blast chiller control panel offers both blast chilling and shock freezing cycles from sensitive to fast. Cabinets are dimensioned for GN1/1 sized containers.



Blast Chilling and Blast Freezing

Metos E-Pro for GN1/1 only	Code	Chill/ freeze*	GN 1/1-40/ GN 1/1-65	Dimensions mm	Electric connection	Cooling capacity ***	Refrigerant
5 trays							
MSB-050-RA right	4240338	18/12 kg	6/5	790 × 700 × 900	230V 1N~ 1.046 kW 10A	814 W	R452A
MSB-050-RA left	4240339	18/12 kg	6/5	790 × 700 × 900	230V 1N~ 1.046 kW 10A	814 W	R452A
MSB-050-RA-R290 right	4240340	18/12 kg	6/5	790 × 700 × 900	230V 1N~ 1.046 kW 10A	814 W	R290
MSB-050-RA-R290 left	4240341	18/12 kg	6/5	790 × 700 × 900	230V 1N~ 1.046 kW 10A	814 W	R290
MSB-050-RR right	4240342	18/12 kg	6/5	790 × 700 × 900	230V 1N~ 0.108 kW 6A	814 W	remote R452A/448A/449A
MSB-050-RR left	4240343	18/12 kg	6/5	790 × 700 × 900	230V 1N~ 0.108 kW 6A	814 W	remote R452A/448A/449A
MSB-050-RAR right UC	4240344	18/12 kg	6/5	790 × 700 × 855	230V 1N~ 1.046 kW 10A	814 W	R452A
MSB-050-RAR left UC	4240346	18/12 kg	6/5	790 × 700 × 855	230V 1N~ 1.046 kW 10A	814 W	R452A
MSB-050-RAR-R290 right UC	4240345	18/12 kg	6/5	790 × 700 × 855	230V 1N~ 1.046 kW 10A	814 W	R290
MSB-050-RAR-R290 left UC	4240347	18/12 kg	6/5	790 × 700 × 855	230V 1N~ 1.046 kW 10A	814 W	R290

UC= undercounter model, height 855



E-Pro MSB-050

The capacities given are guide values and are not reached in every case.

* Chilling capacity is +90°C.....+3°C in 90 minutes Freezing capacity is +90°C....-18°C in 240 minutes

** For remote use, the cooling unit is not included. Remote units are suitable either for R452A/R448A/R449A or CO2, see table above

*** Cooling capacity in condensing temperature +45°C, evaporation temperature -25°C

Accessories	Code
Guides 050	4240901
Wheel kit with brakes 050-051	4240917

Oven on chiller	Code	Dimensions mm
Adaptor plate for iCombi 6/10-1/MRBS-050	4570994	700 × 790

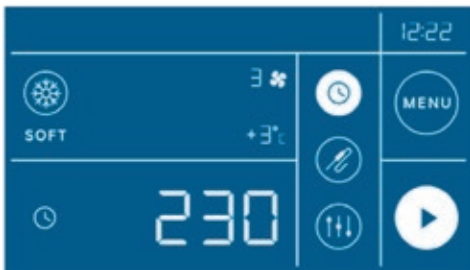


*Efficient chilling preserves
food quality*

Metos Ready Blast Chill / Freeze Cabinets



*Soft or hard
cycles for
different needs*



Blast Chilling

SOFT and HARD mode adapting to the type of food to be processed

Blast Freezing

SOFT and HARD mode adapting to the type of food to be processed

Pre-Cooling

For optimizing the cabinet temperature before starting a blast chilling or freezing cycle

Continuous Cycle

For working at maximum power without any breaks

Metos READY blast chillers reduce the temperature of raw and cooked food quickly and efficiently maintaining freshness, hygiene and quality, and they meet all HACCP demands. The wide Metos range offers efficient solution for all blast chilling and freezing needs in kitchen.

The Ready range comprises cabinet models. Air cooled condensation is standard. All models are available also for remote cooling units or with water cooled condensation. The refrigerant is R452A or R290 in self cooled units. Also other refrigerants available as an option. Ready models are supplied with a core probe. Cabinets are stainless steel throughout and insulation is polyurethane.

All Ready blast chillers are supplied with a touch screen control panel, offering both blast chilling and shock freezing cycles from sensitive to superfast. The user can also set own programs. Cabinets are dimensioned either for GN1/1 or both GN1/1 and EN1 bakery trays.

All Ready models have an USB connection for uploading new firmware release and downloading HACCP data.



Probe connection



The multi-step rack allows to change the gap between guide rails. Pictured the rack suitable for GN1/1 and EN 600x400 trays.

Metos Ready Blast Chill / Freeze Cabinets



MRBS-051



MRBS-081



MRBSR-120

Versatile
refrigerant
options

Metos Ready for GN1/1 and EN1	Code	Chill/ freeze*	EN1 or GN 1/1-40/ EN1 or GN 1/1-65	Dimensions mm	Electric connection	Cooling capacity ***	Refrigerant
5 trays							
MRBS-051-SA right	4240784	30/20 kg	6/5	790 × 820 × 900	230V 1N~ 1.046 kW 10A	814 W	R452A
MRBS-051-SA left	4240785	30/20 kg	6/5	790 × 820 × 900	230V 1N~ 1.046 kW 10A	814 W	R452A
MRBS-051-SA-R290 right	4240812	30/20 kg	6/5	790 × 820 × 900	230V 1N~ 1.215 kW 10A	1024 W	R290
MRBS-051-SA-R290 left	4240813	30/20 kg	6/5	790 × 820 × 900	230V 1N~ 1.215 kW 10A	1024 W	R290
** MRBS-051-SR right	4240786	30/20 kg	6/5	790 × 820 × 900	230V 1N~ 0.108 kW 6A	814 W	remote R452A/448A/449A
** MRBS-051-SR left	4240787	30/20 kg	6/5	790 × 820 × 900	230V 1N~ 0.108 kW 6A	814 W	remote R452A/448A/449A
** MRBS-051-SRC right	4240324	30/20 kg	6/5	790 × 820 × 900	230V 1N~ 0.108 kW 6A	1024 W	remote CO2
** MRBS-051-SRC left	4240325	30/20 kg	6/5	790 × 820 × 900	230V 1N~ 0.108 kW 6A	1024 W	remote CO2
8 trays							
MRBS-081-SA right	4240788	40/25 kg	12/9	790 × 870 × 1460	230V 1N~ 1.5014 kW 10A	1127 W	R452A
MRBS-081-SA left	4240789	40/25 kg	12/9	790 × 870 × 1460	230V 1N~ 1.5014 kW 10A	1127 W	R452A
** MRBS-081-SR right	4240790	40/25 kg	12/9	790 × 870 × 1460	230V 1N~ 0.1184 kW 6A	1127 W	remote R452A/448A/449A
** MRBS-081-SR left	4240791	40/25 kg	12/9	790 × 870 × 1460	230V 1N~ 0.1184 kW 6A	1127 W	remote R452A/448A/449A
** MRBS-081-SRC right	4240822	40/25 kg	12/9	790 × 870 × 1460	230V 1N~ 0.1184 kW 6A	1127 W	remote CO2
** MRBS-081-SRC left	4240823	40/25 kg	12/9	790 × 870 × 1460	230V 1N~ 0.1184 kW 6A	1127 W	remote CO2
10 trays for iCombi oven trolleys							
MRBSR-120-SA right	4240808	65/45 kg	14/11	850 × 870 × 1860	400V 3N~ 2.4094 kW 10A	1940 W	R452A
MRBSR-120-SA left	4240809	65/45 kg	14/11	850 × 870 × 1860	400V 3N~ 2.4094 kW 10A	1940 W	R452A
** MRBSR-120-SR right	4240810	65/45 kg	14/11	850 × 870 × 1860	400V 3N~ 0.1994 kW 10A	1940 W	remote R452A/448A/449A
** MRBSR-120-SR left	4240811	65/45 kg	14/11	850 × 870 × 1860	400V 3N~ 0.1994 kW 10A	1940 W	remote R452A/448A/449A
** MRBSR-120-SRC right	4240330	65/45 kg	14/11	850 × 870 × 1860	400V 3N~ 0.1994 kW 10A	2274 W	remote CO2
** MRBSR-120-SRC left	4240331	65/45 kg	14/11	850 × 870 × 1860	400V 3N~ 0.1994 kW 10A	2274 W	remote CO2

All models suitable
for chilling and
freezing

The capacities given are guide values and are not reached in every case.

* Chilling capacity is +90°C.....+3°C in 90 minutes Freezing capacity is +90°C.....-18°C in 240 minutes

** For remote use, the cooling unit is not included. Remote units are suitable either for R452A/R448A/R449A or CO2, see table above

*** Cooling capacity in condensing temperature +45°C, evaporation temperature -25°C



MRBS-121



MRBS-161



MRBS-122

Self-contained
or remote cooling

Metos Ready for GN1/1 and EN1	Code	Chill/ freeze*	EN1 or GN 1/1-40/ EN1 or GN 1/1-65	Dimensions mm	Electric connection	Cooling capacity ***	Refrigerant
12 trays							
MRBS-121-SA right	4240792	65/45 kg	16/12	790 × 870 × 1810	400V 3N~ 2.4094 kW 10A	1940 W	R452A
MRBS-121-SA left	4240793	65/45 kg	16/12	790 × 870 × 1810	400V 3N~ 2.4094 kW 10A	1940 W	R452A
MRBS-121-SA-R290 right	4240814	65/45 kg	16/12	790 × 870 × 1810	400V 3N~ 2.3154 kW 10A	2274 W	R290
MRBS-121-SA-R290 left	4240815	65/45 kg	16/12	790 × 870 × 1810	400V 3N~ 2.3154 kW 10A	2274 W	R290
** MRBS-121-SR right	4240794	65/45 kg	16/12	790 × 870 × 1810	400V 3N~ 0.1994 kW 6A	1940 W	remote R452A/448A/449A
** MRBS-121-SR left	4240795	65/45 kg	16/12	790 × 870 × 1810	400V 3N~ 0.1994 kW 6A	1940 W	remote R452A/448A/449A
** MRBS-121-SRC right	4240826	65/45 kg	16/12	790 × 870 × 1810	400V 3N~ 0.1994 kW 6A	2274 W	remote CO2
** MRBS-121-SRC left	4240827	65/45 kg	16/12	790 × 870 × 1810	400V 3N~ 0.1994 kW 6A	2274 W	remote CO2
16 trays							
MRBS-161-SA right	4240804	80/60 kg	18/14	790 × 870 × 1960	400V 3N~ 3.4174 kW 10A	2724 W	R452A
MRBS-161-SA left	4240805	80/60 kg	18/14	790 × 870 × 1960	400V 3N~ 3.4174 kW 10A	2724 W	R452A
MRBS-161-SA-R290 right	4240816	80/60 kg	18/14	790 × 870 × 1960	400V 3N~ 3.0064 kW 10A	2690 W	R290
MRBS-161-SA-R290 left	4240817	80/60 kg	18/14	790 × 870 × 1960	400V 3N~ 3.0064 kW 10A	2690 W	R290
** MRBS-161-SR right	4240806	80/60 kg	18/14	790 × 870 × 1960	400V 3N~ 0.2804 kW 6A	2724 W	remote R452A/448A/449A
** MRBS-161-SR left	4240807	80/60 kg	18/14	790 × 870 × 1960	400V 3N~ 0.2804 kW 6A	2724 W	remote R452A/448A/449A
24 trays							
MRBS-122-SA right	4240796	80/60 kg	28/22	1100 × 1080 × 1860	400V 3N~ 3.9629 kW 10A	3619 W	R452A
MRBS-122-SA left	4240797	80/60 kg	28/22	1100 × 1080 × 1860	400V 3N~ 3.9629 kW 10A	3619 W	R452A
** MRBS-122-SR right	4240798	80/60 kg	28/22	1100 × 1080 × 1860	400V 3N~ 0.2729 kW 10A	3619 W	remote R452A/448A/449A
** MRBS-122-SR left	4240799	80/60 kg	28/22	1100 × 1080 × 1860	400V 3N~ 0.2729 kW 10A	3619 W	remote R452A/448A/449A
** MRBS-122-SRC right	4240326	80/60 kg	28/22	1100 × 1080 × 1860	400V 3N~ 0.2729 kW 10A	3619 W	remote CO2
** MRBS-122-SRC left	4240327	80/60 kg	28/22	1100 × 1080 × 1860	400V 3N~ 0.2729 kW 10A	3619 W	remote CO2

Accessories	Code
Guides 051-081-121-161	4240900
Guides 122	4240902
Wheel kit with brakes 050-051	4240917
Wheel kit with brakes 081-121-161	4240903
Wheel kit with brakes 122	4240918
Multipoint probe 050-051	4240919 cord 0.7 m
Multipoint probe 081-121-161-122	4240904 cord 1.2 m

Oven on chiller	Code	Dimensions mm
Adaptor plate for iCombi 6/10-1/MRBS-051	4570995	800 × 790



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