

# intarblock PRO Water-cooled



New range of R-290 self-contained slim monoblock designed by and for technicians. Water-cooled. For small and medium refrigeration and conservation cold rooms. Units for wall-mount installation.

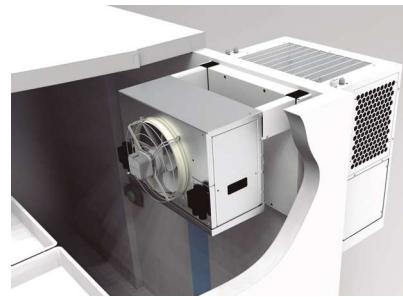
## FEATURES

Condensation with water at a temperature between 5 and 50 °C.	<input checked="" type="checkbox"/>
Water solenoid valve for installation outside the unit.	<input checked="" type="checkbox"/>
Condensation with glycol water at a temperature between -10 and 5 °C (only in NT models). Includes automatic pressostatic water valve controlled by condensing pressure, with direct drive.	<input type="checkbox"/>

As standard  Optional

\*See page 16 and 17 for features, options, accessories and dimensions.

## Installation example



## 230V I+N ~ 50Hz / 400V 3N ~ 50Hz | Positive temperature - Water cooled | Hermetic compressor | R-290

Refrigerant	Series / Model	Power supply	Compressor (HP)	Cooling capacity / Cold room volume, according to cold room temperature (1)						Input power (W)	Max. current (A)	Evap. air flow (m³/h)	Conden. flow (l/h)	Pressure drop (kPa) (2)	Hydraulic connection	Refrigerant charge per circuit (g) (3)	Weight (kg)	SPL dB(A) (4)	Price (€)
				0 °C	5 °C	10 °C	W	m³	W										
R-290	MCV-NPD-1008A	230V I+N ~ 50Hz	1/3	648	5	767	8	904	14	400	3.4	750	178	3	1/2"	<150	77	25	
	MCV-NPD-1012A	230V I+N ~ 50Hz	1/2	895	8	1073	13	1267	23	580	5.8	750	256	3	3/4"	<150	77	31	
	MCV-NPD-1018A	230V I+N ~ 50Hz	3/4	1134	11	1369	18	1616	31	700	5.1	750	322	3	3/4"	<150	81	22	
	MCV-NPD-2026A	230V I+N ~ 50Hz	1	1377	14	1757	25	2254	47	1040	9.8	1350	425	25	3/4"	<150	112	30	
	MCV-NPD-2034A	230V I+N ~ 50Hz	1	2118	24	2599	42	3089	69	1400	13.4	1350	627	40	3/4"	<150	112	34	
	MCV-NPD-2035A	230V I+N ~ 50Hz	2x 3/4	2357	28	2793	46	3272	74	1350	6.7	1350	662	3	3/4"	<150	120	25	
	MCV-NPD-3052A	400V 3N ~ 50Hz*	2x1	2805	47	3573	62	4457	120	2170	9.3	2800	860	20	3/4"	<150	159	33	
	MCV-NPD-3069A	400V 3N ~ 50Hz*	2x1	4267	62	5161	97	6141	180	2890	12.9	2800	1260	35	1"	<150	159	37	

## 230V I+N ~ 50Hz / 400V 3N ~ 50Hz | Negative temperature - Water cooler | Hermetic compressor | R-290

Refrigerant	Series / Model	Power supply	Compressor (HP)	Cooling capacity / Cold room volume, according to cold room temperature (1)						Input power (W)	Max. current (A)	Evap. air flow (m³/h)	Conden. flow (l/h)	Pressure drop (kPa) (2)	Hydraulic connection	Refrigerant charge per circuit (g) (3)	Weight (kg)	SPL dB(A) (4)	Price (€)
				-25 °C	-20 °C	-15 °C	W	m³	W										
R-290	BCV-NPD-1018A	230V I+N ~ 50Hz	3/4	393	1	502	2	626	4	53	5.1	750	147	3	1/2"	<150	81	22	
	BCV-NPD-2026A	230V I+N ~ 50Hz	3/4	595	2	749	5	955	9	810	7.5	1350	229	3	3/4"	<150	112	27	
	BCV-NPD-2034A	230V I+N ~ 50Hz	3/4	817	4	1028	8	1280	15	1050	9.4	1350	308	3	3/4"	<150	112	28	
	BCV-NPD-3052A	230V I+N ~ 50Hz	2x 3/4	1183	9	1536	16	1984	30	1710	15.3	2800	452	3	3/4"	<150	159	30	
	BCV-NPD-3054A	230V I+N ~ 50Hz	1	1130	8	1495	16	2012	30	1490	15.5	2800	408	25	3/4"	<150	145	38	
	BCV-NPD-3068A	230V I+N ~ 50Hz <sup>(c)</sup>	1 1/4	1419	12	1864	22	2468	41	1970	9.1	2800	539	35	3/4"	<150	145	40	
	BCV-NPD-3069A	400V 3N ~ 50Hz*	2x 3/4	1641	15	2092	27	2622	45	2220	8.9	2800	615	3	3/4"	<150	159	30	

<sup>(1)</sup> Nominal performances refer to operation with cold room temperatures of 0 °C (PT) and -20 °C (NT), with inlet/outlet water temperature of 40/45 °C. Estimated cold room volume according to conditions of the calculation bases (page 12).

<sup>(2)</sup> Condenser pressure drop in the water circuit.

<sup>(3)</sup> A3 refrigerant charge below 500 g, simplified compliance with EN378.

<sup>(4)</sup> Sound pressure level, with directivity 1, measured at 10 m from the unit (non-binding value calculated from sound power).

\* 230V 50Hz available model.

<sup>(c)</sup> Power supply change by demand.

Water condensed price: 5% on standard air condensed price. See page 17.

Consult cooling capacities before ordering.