

# 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.

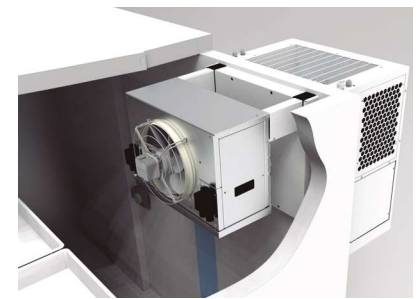
## FEATURES

Condensation with water at a temperature between 5 and 50 °C.	■
Water solenoid valve for installation outside the unit.	■
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.	□

■ 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 <sup>(1)</sup>						Input power (W)	Max. current (A)	Evap. air flow (m³/h)	Condens. flow (l/h)	Pressure drop (kPa) <sup>(2)</sup>	Hydraulic connection	Refrigerant charge per circuit (g) <sup>(3)</sup>	Weight (kg)	SPL dB(A) <sup>(4)</sup>	Price (€)
				0 °C		5 °C		10 °C											
				W	m³	W	m³	W	m³										
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	1 073	13	1 267	23	580	5.8	750	256	3	3/4"	<150	77	31	
	MCV-NPD-1018A	230V I+N ~ 50Hz	3/4	1134	11	1 369	18	1 616	31	700	5.1	750	322	3	3/4"	<150	81	22	
	MCV-NPD-2026A	230V I+N ~ 50Hz	1	1377	14	1 757	25	2 254	47	1 040	9.8	1 350	425	25	3/4"	<150	112	30	
	MCV-NPD-2034A	230V I+N ~ 50Hz	1	2 118	24	2 599	42	3 089	69	1 400	13.4	1 350	627	40	3/4"	<150	112	34	
	MCV-NPD-2035A	230V I+N ~ 50Hz	2x 3/4	2 357	28	2 793	46	3 272	74	1 350	6.7	1 350	662	3	3/4"	<150	120	25	
	MCV-NPD-3052A	400V 3N ~ 50Hz*	2x1	2 805	47	3 573	62	4 457	120	2 170	9.3	2 800	860	20	3/4"	<150	159	33	
	MCV-NPD-3069A	400V 3N ~ 50Hz*	2x1	4 267	62	5 161	97	6 141	180	2 890	12.9	2 800	1 260	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 <sup>(1)</sup>						Input power (W)	Max. current (A)	Evap. air flow (m³/h)	Condens. flow (l/h)	Pressure drop (kPa) <sup>(2)</sup>	Hydraulic connection	Refrigerant charge per circuit (g) <sup>(3)</sup>	Weight (kg)	SPL dB(A) <sup>(4)</sup>	Price (€)
				-25 °C		-20 °C		-15 °C											
				W	m³	W	m³	W	m³										
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	1 350	229	3	3/4"	<150	112	27	
	BCV-NPD-2034A	230V I+N ~ 50Hz	3/4	817	4	1 028	8	1 280	15	1 050	9.4	1 350	308	3	3/4"	<150	112	28	
	BCV-NPD-3052A	230V I+N ~ 50Hz	2x 3/4	1 183	9	1 536	16	1 984	30	1 710	15.3	2 800	452	3	3/4"	<150	159	30	
	BCV-NPD-3054A	230V I+N ~ 50Hz	1	1 130	8	1 495	16	2 012	30	1 490	15.5	2 800	408	25	3/4"	<150	145	38	
	BCV-NPD-3068A	230V I+N ~ 50Hz <sup>(5)</sup>	1 1/4	1 419	12	1 864	22	2 468	41	1 970	9.1	2 800	539	35	3/4"	<150	145	40	
	BCV-NPD-3069A	400V 3N ~ 50Hz*	2x 3/4	1 641	15	2 092	27	2 622	45	2 220	8.9	2 800	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>(5)</sup> Power supply change by demand.

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

Consult cooling capacities before ordering.