

# OUR HISTORY

2008

**R290**

RIVACOLD USES THE NATURAL GAS R290 FOR THE FIRST TIME IN A PACKAGED UNIT

2009



RIVACOLD ENTERS THE MOBILE REFRIGERATION INDUSTRY

2011

**R744**

THE RIVACOLD R&D DEPARTMENT DEVELOPS AND DESIGNS THE FIRST CO<sub>2</sub> UNIT

2016



RIVACOLD CELEBRATES ITS FIRST FIFTY YEARS OF BUSINESS AND THE REBRANDING OF THE GROUP

2019



VAG REFRIGERATION LABORATORY OFFICIAL OPENING: A UNIQUE FACILITY IN EUROPE FOR R&D IN THE REFRIGERATION WORLD

2019



RIVACOLD OPEN PRODUCTION SITE IN US

2020

**BEST**

LAUNCH OF THE NEW BLOCKSYSTEM R290 ECOLOGICAL SMART AND TECHNOLOGICAL

2020



MY I.D. THE APP THAT CREATES A RENEWED CONTACT BETWEEN RIVACOLD AND THE USER



1966

ALCESTE VITRI FOUNDS REFRIGERAZIONE INDUSTRIALE



1982

OUR PRODUCTS ARE SHOWCASED FOR THE FIRST TIME IN A TRADE EXHIBITION IN ITALY

RIVACOLD

1985

REFRIGERAZIONE INDUSTRIALE BECOMES RIVACOLD



1992

RIVACOLD PARTICIPATES IN THE FIRST INTERNATIONAL TRADE FAIR IN GERMANY



1993

RIVACOLD PREMIERES THE FIRST HOUSED LOW NOISE CONDENSING UNITS



1995

THE FIRST PACKAGED UNIT WITH ELECTRONIC CONTROL IS DESIGNED, MANUFACTURED AND SOLD



1999

RIVACOLD STARTS INTERNAL PRODUCTION OF HEAT EXCHANGERS



2000

THE FIRST REFRIGERATION UNITS WITH SHEET METAL STRUCTURES ARE DESIGNED



2006

THE FIRST INTERNATIONAL BRANCH OF RIVACOLD IS OPENED

THE REFRIGERATION  
THAT TRAVELS  
WITH YOU

LA REFRIGERAZIONE  
CHE VIAGGIA  
CON TE

RIVACOLD S.r.l.

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**RIVACOLD**  
TRUCK REFRIGERATION

Rivacold è lieta di presentare la propria gamma di unità per trasporto a temperatura controllata di beni deperibili su veicoli commerciali, quali furgoni coibentati e casse isoterme. Le unità Rivacold sono studiate per una corretta integrazione ed un facile montaggio su ogni veicolo, garantiscono un funzionamento ottimale in differenti condizioni climatiche e soddisfano le più recenti normative in tema di rispetto ambientale in piena conformità con la nostra missione aziendale. A seconda delle varie esigenze, legate al tipo di veicolo, all'applicazione e ad eventuali limitazioni di ingombro, le unità sono disponibili in varie configurazioni e varianti, oltre alla possibilità di essere ulteriormente personalizzate mediante un'ampia scelta di opzioni ed accessori aggiuntivi.

Rivacold is pleased to introduce its range of units for the controlled temperature transport of perishable goods on commercial vehicles, such as insulated vans and isothermal boxes. Rivacold units are designed for correct integration and easy installation on any vehicle, guarantee optimal operation in different climatic conditions and meet the latest regulations on environmental compliance in full compliance with our corporate mission. Depending on the various needs, related to the type of vehicle, the application and any space limitations, the units are available in different configurations and variants, as well as the ability to be further customized through a wide choice of options and additional accessories.



TIPO REFRIGERANTE	REFRIGERANT TYPE		BAT006	BAT012	HDD014	HDD030	HDD035	DDU020	DDU030	DDU040	DDU050
QUANTITÀ REFRIGERANTE	REFRIGERANT CHARGE	Kg	0.75	0.85	1.1	2.35	2.7	1.5	1.6	2.2	3.5
CAPACITÀ FRIGORIFERA IN STRADA A 0°C / +30°C [*]	COOLING CAPACITY ON ROAD AT 0°C / +30°C [*]	W	850	1150	1390	3150	3680	2050	2950	3800	4500
CAPACITÀ FRIGORIFERA IN STRADA A -20°C / +30°C [*]	COOLING CAPACITY ON ROAD AT -20°C / +30°C [*]	W	-	450	-	1600	1890	1100	1650	1900	2300
CAPACITÀ FRIGORIFERA A RETE A 0°C / +30°C [*]	COOLING CAPACITY ON STAND-BY AT 0°C / +30°C [*]	W	850	1150	690	2000	2270	1300	2250	3050	4000
CAPACITÀ FRIGORIFERA A RETE A -20°C / +30°C [*]	COOLING CAPACITY ON STAND-BY AT -20°C / +30°C [*]	W	-	450	-	920	1100	580	1050	1300	1950
CAPACITÀ RISCALDAMENTO (STRADA) [**]	HEATING CAPACITY (ROAD) [**]	W	-	-	-	-	-	1100	2200	3200	3500
CAPACITÀ RISCALDAMENTO (RETE) [**]	HEATING CAPACITY (STAND-BY) [**]	W	-	-	-	-	-	800	1400	2200	3000
MAX VOLUME CELLA CONSIGLIATO A 0°C [***]	MAX SUGGESTED ROOM VOLUME AT 0°C [***]	m³	5	8	9	21	25	14	20	27	40
MAX VOLUME CELLA CONSIGLIATO A -20°C [***]	MAX SUGGESTED ROOM VOLUME AT -20°C [***]	m³	-	5	-	12	15	8	14	20	24
ALIMENTAZIONE ELETTRICA (STRADA)	POWER SUPPLY (ROAD)		12 Vdc	12 Vdc	12 Vdc	12 Vdc	12 Vdc	12 Vdc	12 Vdc	12 Vdc	12 Vdc
			-	-	-	-	-	24 Vdc	24 Vdc	24 Vdc	24 Vdc
ASSORBIMENTO MASSIMO (STRADA)	MAXIMUM ABSORPTION (ROAD)		65A	70A	22.5A	31.3 A	36.5A	21.2A	23.5A	37.5A	46A
			-	-	-	-	-	12A	13.5A	18A	23A
ALIMENTAZIONE ELETTRICA (RETE)	POWER SUPPLY (STAND-BY)		230V-1ph-50Hz	230V-1ph-50Hz	230V-1ph-50Hz	230V-1ph-50Hz	230V-1ph-50Hz	230V-1ph-50Hz	230V-1ph-50Hz	230V-1ph-50Hz	230V-1ph-50Hz
			-	-	-	-	-	-	400V-3ph-50Hz	400V-3ph-50Hz	400V-3ph-50Hz
ASSORBIMENTO MASSIMO (RETE)	MAXIMUM ABSORPTION (STAND-BY)		5.2A / 1kW	6.7A / 1.3kW	6 A / 1.2kW	12.2 A / 2.4kW	13.2A / 2.6kW	7.5A / 1.5kW	13A / 2.55kW	14.8A / 2.9kW	22A / 4.3kW
			-	-	-	-	-	-	4.4A / 2.6kW	5.1A / 2.9kW	7.5A / 4.4kW
SBRINAMENTO	DEFROST		ad aria /air	gas caldo / hot gas	ad aria / air	gas caldo / hot gas	gas caldo / hot gas	gas caldo / hot gas	gas caldo / hot gas	gas caldo / hot gas	gas caldo / hot gas
PESO UNITÀ CONDENSANTE	CONDENSING UNIT WEIGHT	Kg	50	50	3	6	6	35	42	48	77
PESO UNITÀ CONDENSANTE CON OPZIONE RETE	CONDENSING UNIT WEIGHT WITH STAND-BY OPTION	Kg	67	67	3+18	6+28	6+28	55	80	85	125
PESO UNITÀ EVAPORANTE	EVAPORATING UNIT WEIGHT	Kg	10	10	15	18	22	15	16	20	30
PESO TOTALE CON IMBALLO	TOTAL WEIGHT (PACKAGING INCLUDED)	Kg	84	84	42	58	62	75	82	97	157
PESO TOTALE CON IMBALLO CON OPZIONE RETE	TOTAL WEIGHT (PACKAGING INCLUDED) WITH STAND-BY OPTION	Kg	104	104	72	103	107	95	123	137	215
COMPRESSORE	COMPRESSOR		Dorin OT4.5	Dorin OT4.5	-	-	-	-	-	-	-
COMPRESSORE RETE (OPZIONALE)	STAND-BY COMPRESSOR (OPTIONAL)		-	-	TECUMSEH HGA4476Y-F	BOYARD QHD-30K	BOYARD QHD-36K	TECUMSEH HG2446Z-FZ	SD5L09	SD5L09	FRASCOLD AD3-11Y
COMPRESSORE STRADA	ROAD COMPRESSOR		-	-	QP13	QP15	QP15	QP13	QP15	QP15	QP16
PORTATA ARIA VENTILATORI EVAPORATORE	EVAPORATING UNIT AIR FLOW	m³/h	640	640	910	1220	2160	1080	1220	2160	2000
FRECCIA ARIA VENTILATORI EVAPORATORE	EVAPORATING UNIT AIR THROW	m	2.5	2.5	3.5	3.5	4.5	3.5	3.5	4.5	5
DIMENSIONI UNITÀ CONDENSANTE (L x W x H)	CONDENSING UNIT DIMENSIONS (L x W x H)	mm	765 x 633 x 274	765 x 633 x 274	605 x 102 x 308	710 x 133 x 446	710 x 133 x 446	765 x 633 x 274	1012 x 597 x 254	1112 x 597 x 254	1430 x 527 x 494
DIMENSIONI UNITÀ EVAPORANTE (L x W x H)	EVAPORATING UNIT DIMENSIONS (L x W x H)	mm	645 x 511 x 133	645 x 511 x 133	633 x 543 x 170	795 x 610 x 170	1112 x 545 x 176	633 x 543 x 170	795 x 610 x 170	1112 x 545 x 176	1323 x 650 x 204
DIMENSIONI IMBALLO (L x W x H)	PACKAGING DIMENSIONS (L x W x H)	mm	760 x 890 x 730	760 x 890 x 730	750 x 860 x 600	800 x 1000 x 615	1200 x 690 x 600	870 x 750 x 810	1200 x 690 x 800	1200 x 690 x 800	1560 x 785 x 1000
DIMENSIONI IMBALLO (L x W x H) OPZIONE RETE	PACKAGING DIMENSIONS (L x W x H) STAND-BY OPTION	mm	760 x 890 x 730	760 x 890 x 730	1200 x 690 x 600	800 x 1500 x 600	1200 x 690 x 800	870 x 750 x 810	1200 x 690 x 800	1200 x 690 x 800	1560 x 785 x 1000

[\*] Secondo condizioni ATP / According ATP regulation

[\*\*] Calcolata considerando Tamb = -10°C e Tcella = +5°C / Calculated considering Tamb = -10°C e Tcella = +5°C

[\*\*\*] Volumi di carico massimi calcolati considerando un valore di dispersione uniforme attraverso le pareti della cella inferiore 0,4 W/m²K / Maximum load volumes calculated with Tamb = + 30 ° C, considering an uniform heat loss factor through the cold room walls, less than 0,4 W/m²K