

Choice™

The easy choice

REFRIGERANT

R421B

Replaces R502, R22, R507A, R404A, R402A & B, R408A and One Shot™ (Isceon® 79)

Save Time and Save Money with a Quick and Easy Conversion to R421B

- ✓ R421B is non-ozone depleting, non-flammable and non-toxic.
- ✓ R421B can be an energy saving refrigerant.
- ✓ R421B can replace refrigerant in new and existing equipment.
- ✓ R421B is an environmentally GREEN refrigerant.
- ✓ R421B has at least a 20% lower global warming potential.
- ✓ R421B has a lower compression ratio than R404A and R507A.
- ✓ R421B can be used with Mineral, AB or POE oils.
- ✓ R421B is a long term option for low temperature application.
- ✓ R421B provides adequate oil return and usually requires no engineering changes.
- ✓ R421B can be topped off following repair of a system leak.
- ✓ R421B can be used in a wide variety of applications including:

Refrigerated Transport
Cold Storage
Supermarket Pak Systems

Walk-in Freezers
Reach-in Cold Storage
Bakery Applications

Frozen Drink Machines
Self-Contained Freezer Cabinets
Dairy Chillers

*CHOICE R421B is packaged with a proprietary lubricant

Distributed By:



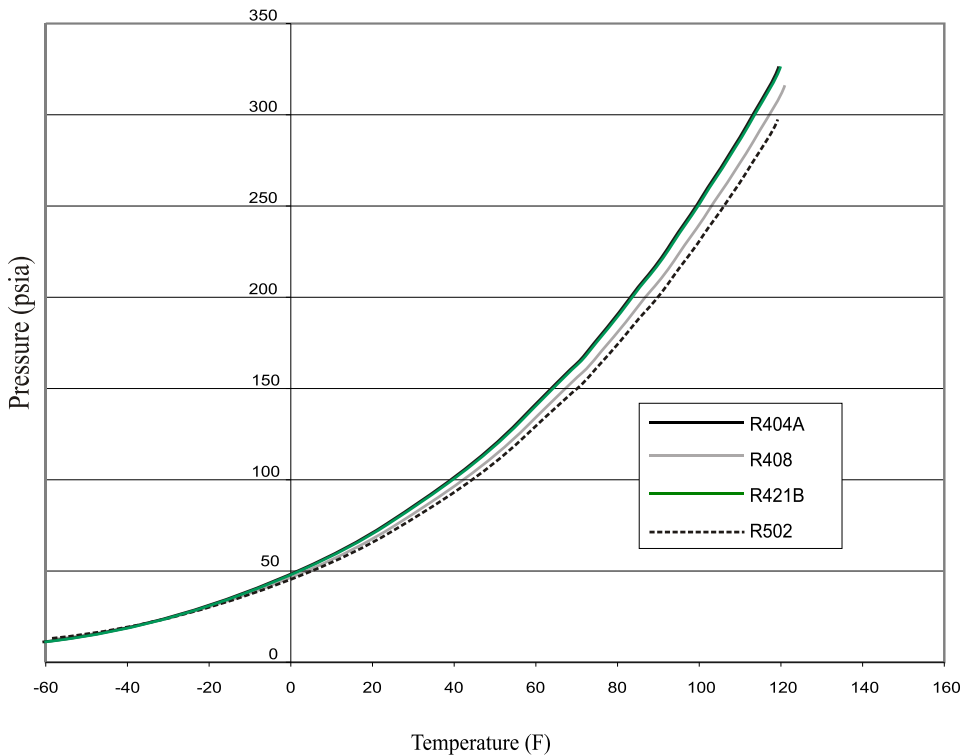
Choice™
REFRIGERANT
R421B

is manufactured by:
RMS of Georgia, LLC

1-800-347-5872 www.rmsgas.com

**For Technical Information or To Locate a Wholesaler in Your Area
Call 1-888-659-COLD**

PRESSURE/TEMPERATURE R421B vs R502 & Replacements



PRESSURE TEMPERATURE COMPARISON

Temp (F)	R421B	R502	R404	R408
-60	-7.6	-7.9	-6.5	-7.7
-55	-4.2	-4.6	-3.0	-4.4
-50	-0.4	-1.0	0.7	-0.7
-45	2.2	1.8	2.9	2.0
-40	4.5	4.0	5.2	4.2
-35	7.0	6.4	7.8	6.7
-30	9.9	9.0	10.7	9.4
-25	12.9	11.9	13.8	12.4
-20	16.3	15.1	17.2	15.6
-15	20.0	18.5	20.9	19.2
-10	24.0	22.3	25.0	23.0
-5	28.4	26.3	29.4	27.2
0	33.1	30.7	34.1	31.7
5	38.2	35.4	39.3	36.6
10	43.7	40.5	44.8	41.9
15	49.6	46.0	50.8	47.6
20	56.0	51.9	57.2	53.7
25	62.8	58.2	64.0	60.2
30	70.1	64.9	71.4	67.2
35	77.9	72.1	79.2	74.7
40	86.3	79.8	87.6	82.7
45	95.2	88.0	96.5	91.2
50	104.7	96.7	106.0	100.3
55	114.7	105.9	116.0	109.9
60	125.4	115.7	126.7	120.1
65	136.7	126.0	138.1	130.9
70	148.7	137.0	150.0	142.4
75	161.4	148.6	162.7	154.5
80	174.9	160.8	176.1	167.2
85	189.0	173.7	190.2	180.7
90	204.0	187.2	205.2	194.9
95	219.7	201.5	220.9	209.9
100	236.3	216.6	237.4	225.6
105	253.7	232.4	254.8	242.2
110	272.1	248.9	273.1	259.6
115	291.4	266.3	292.3	277.9
120	311.6	284.6	312.5	297.0

R421B is a HFC blend replacement with zero ODP and is compatible with both synthetic and mineral oils.

R421B is a two-component blend packaged with a proprietary lubricant which we recommend be transferred from the cylinder in the liquid phase.

R421B can be used to replace R22 in low temperature applications. It also replaces R502 in low and medium temperature applications as well as systems designed for R404a and R507a.

R421B provides adequate oil return in mineral oil based systems without having to make any significant engineering changes.

NO UNNECESSARY OIL CHANGE IS REQUIRED FOR R421B.

Charge the equipment with R421B as a liquid by inverting the cylinder. Do not charge liquid refrigerant directly into the compressor. The total charge of R421B will depend on the type of system.

EPA regulations stipulate that the equipment converted is clearly labeled as containing R421B.