

Presión - Temperatura | Guía para Aire Acondicionado

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	Freon™ 410A (R-410A)	Freon™ 32 R-32	Opteon™ XL41 (R-454B)	Opteon™ YF (R-1234yf)	
SAFETY GROUP	A1	A2L	A2L	A2L	SAFETY GROUP
°C	psig	psig	psig	psig	°F
-46	4.9	5.2	3.1	16.0	-50
-43	7.6	8.0	5.6	13.9	-45
-40	10.7	11.0	8.4	11.5	-40
-37	14.0	14.4	11.5	8.9	-35
-34	17.7	18.2	14.8	6.0	-30
-32	21.8	22.3	18.5	2.8	-25
-29	26.2	26.8	22.6	0.4	-20
-28	28.1	28.7	24.3	1.1	-18
-27	30.0	30.7	26.1	1.9	-16
-26	32.0	32.8	27.9	2.7	-14
-24	34.1	34.9	29.8	3.5	-12
-23	36.3	37.1	31.8	4.4	-10
-22	38.5	39.4	33.8	5.3	-8
-21	40.8	41.7	35.9	6.2	-6
-20	43.2	44.2	38.1	7.2	-4
-19	45.7	46.7	40.4	8.2	-2
-18	48.2	49.3	42.7	9.2	0
-17	50.8	51.9	45.1	10.3	2
-16	53.5	54.7	47.6	11.4	4
-14	56.3	57.5	50.1	12.5	6
-13	59.2	60.5	52.7	13.7	8
-12	62.2	63.5	55.4	14.9	10
-11	65.2	66.6	58.2	16.2	12
-10	68.4	69.8	61.1	17.5	14
-9	71.6	73.1	64.1	18.8	16
-8	74.9	76.5	67.1	20.2	18
-7	78.4	80.0	70.3	21.6	20
-6	81.9	83.6	73.5	23.1	22
-4	85.5	87.3	76.8	24.6	24
-3	89.2	91.1	80.3	26.2	26
-2	93.1	95.1	83.8	27.8	28
-1	97.0	99.1	87.4	29.4	30
0	101.1	103.2	91.1	31.1	32
1	105.2	107.5	94.9	32.9	34
2	109.5	111.9	98.8	34.7	36
3	113.9	116.3	102.9	36.5	38
4	118.4	121.0	107.0	38.4	40
6	123.0	125.7	111.2	40.4	42
7	127.7	130.5	115.6	42.4	44
8	132.6	135.5	120.0	44.5	46
9	137.5	140.6	124.6	46.6	48
10	142.6	145.9	129.3	48.8	50
11	148.4	151.2	140.0	51.0	52
12	153.8	156.7	145.1	53.3	54
13	159.3	162.4	150.3	55.7	56
14	164.9	168.1	155.7	58.1	58
16	170.7	174.1	161.1	60.6	60
18	185.8	189.5	175.4	67.0	65
21	201.8	205.8	190.5	73.9	70
24	218.7	223.2	206.5	81.3	75
27	236.5	241.5	223.4	89.0	80
28	244.0	249.1	230.4	92.3	82
29	251.6	256.9	237.6	95.6	84
30	259.3	264.9	244.9	98.9	86
31	267.3	273.0	252.4	102.4	88
32	275.4	281.3	260.1	105.9	90
33	283.6	289.8	267.9	109.6	92
34	292.1	298.5	275.8	113.3	94
36	300.7	307.4	284.0	117.0	96
37	309.5	316.4	292.3	120.9	98
38	318.5	325.7	300.8	124.9	100
39	327.7	335.1	309.4	128.9	102
40	337.1	344.8	318.3	133.0	104
41	346.7	354.6	327.3	137.2	106
42	356.5	364.6	336.5	141.5	108
43	366.4	374.9	345.9	145.9	110
44	376.6	385.3	355.5	150.4	112
46	387.0	396.0	365.2	155.0	114
47	397.6	406.9	375.2	159.6	116
48	408.4	418.0	385.3	164.4	118
49	419.4	429.3	395.7	169.2	120
50	430.7	440.9	406.2	174.2	122
51	442.1	452.7	417.0	179.3	124
52	453.8	464.7	427.9	184.4	126
53	465.8	477.0	439.1	189.7	128
54	477.9	489.5	450.5	195.0	130
57	509.4	521.8	480.0	208.9	135
60	542.5	555.8	510.7	223.4	140
66	613.9	628.8	576.8	254.7	150

NO MEZCLE REFRIGERANTES

No usar los refrigerantes Opteon™ XL para retrofit, ya que están clasificados como A2L.

Los refrigerantes A2L solo pueden ser usados en equipo nuevo.

Para soporte relacionado con nuestros refrigerantes, póngase en contacto con nuestro equipo:

infolatam@chemours.com

800 7375 623



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	Freon™ 22 (R-22)	Freon™ MO99 (R-438A)	Freon™ 407C (R-407C)	Opteon™ XP20 (R-449C)	
SAFETY GROUP	A1	A1	A1	A1	SAFETY GROUP
°C	psig	psig	psig	psig	°F
-46	5.8	11.2	10.8	9.2	-50
-43	2.6	8.4	8.0	6.1	-45
-40	0.6	5.2	4.6	2.4	-40
-37	2.6	1.6	0.8	0.7	-35
-34	4.9	1.2	1.6	2.8	-30
-32	7.4	3.5	3.9	5.2	-25
-29	10.2	5.9	6.5	7.9	-20
-28	11.4	7.0	7.6	9.0	-18
-27	12.6	8.1	8.7	10.1	-16
-26	13.9	9.2	9.9	11.4	-14
-24	15.2	10.4	11.1	12.6	-12
-23	16.5	11.6	12.3	13.9	-10
-22	17.9	12.9	13.7	15.3	-8
-21	19.4	14.2	15.0	16.7	-6
-20	20.9	15.6	16.4	18.1	-4
-19	22.4	17.0	17.9	19.6	-2
-18	24.0	18.5	19.4	21.2	0
-17	25.7	20.0	21.0	22.8	2
-16	27.4	21.6	22.6	24.5	4
-14	29.2	23.2	24.3	26.2	6
-13	31.0	24.9	26.1	28.0	8
-12	32.8	26.6	27.9	29.8	10
-11	34.8	28.4	29.8	31.7	12
-10	36.8	30.3	31.7	33.7	14
-9	38.8	32.2	33.7	35.7	16
-8	40.9	34.2	35.7	37.8	18
-7	43.1	36.2	37.9	39.9	20
-6	45.3	38.3	40.1	42.1	22
-4	47.6	40.5	42.3	44.4	24
-3	50.0	42.8	44.7	46.8	26
-2	52.4	45.1	47.1	49.2	28
-1	55.0	47.5	49.6	51.7	30
0	57.5	49.9	52.1	54.3	32
1	60.2	52.5	54.8	56.9	34
2	62.9	55.1	57.5	59.7	36
3	65.7	57.7	60.3	62.5	38
4	68.6	60.5	63.2	65.4	40
6	71.5	63.3	66.1	68.3	42
7	74.5	66.3	69.2	71.4	44
8	77.6	69.3	72.3	74.5	46
9	80.8	72.3	75.5	77.7	48
10	84.1	75.5	78.8	81.1	50
11	87.4	94.6	82.2	102.3	52
12	90.8	98.3	85.7	106.2	54
13	94.4	102.1	89.3	110.1	56
14	98.0	105.9	93.0	114.2	58
16	101.6	109.8	96.8	118.4	60
18	111.3	120.1	128.9	129.2	65
21	121.4	131.0	140.5	140.7	70
24	132.2	142.5	152.8	152.9	75
27	143.6	154.7	165.8	165.7	80
28	148.4	159.8	171.3	171.0	82
29	153.2	165.0	176.8	176.5	84
30	158.2	170.3	182.4	182.1	86
31	163.2	175.7	188.2	187.7	88
32	168.4	181.2	194.1	193.6	90
33	173.7	186.8	200.1	199.5	92
34	179.1	192.6	206.3	205.5	94
36	184.6	198.5	212.5	211.7	96
37	190.2	204.5	219.0	218.0	98
38	195.9	210.6	225.5	224.5	100
39	201.8	216.8	232.2	231.0	102
40	207.7	223.2	239.0	237.7	104
41	213.8	229.7	245.9	244.5	106
42	220.0	236.4	253.0	251.5	108
43	226.4	243.1	260.3	258.6	110
44	232.8	250.1	267.6	265.8	112
46	239.4	257.1	275.1	273.2	114
47	246.1	264.3	282.8	280.7	116
48	253.0	271.6	290.6	288.4	118
49	260.0	279.1	298.6	296.2	120
50	267.1	286.7	306.7	304.1	122
51	274.3	294.4	315.0	312.2	124
52	281.7	302.3	323.4	320.5	126
53	289.2	310.4	332.0	328.9	128
54	296.9	318.5	340.7	337.4	130
57	316.7	339.7	363.3	359.5	135
60	337.4	361.9	387.0	382.6	140
66	381.7	409.2	437.5	431.9	150



Para conocer nuestros distribuidores autorizados escanea este código QR

 Para conocer más sobre nuestra oferta de refrigerantes, visite opteon.com/es