

Compressor Pack

R404A - R507

Range Evap. T°  
-5 / -15 °C

Model	Compressore - Compressor			Dati di progetto - Design data				Dati tecnici - Technical data				Miscellanea						
	Nc	HP	Type	Q	Pass	I max	Lra	A	B	H	Weight	Liquid receiver	Connections			PED Category	Sound Power	Sound Pressure
													S	D	L			
	SCROLL			-10/+45 °C								lt	mm	mm	mm		db(A)	db(A)
UMCA 3x075 MTRSR	3	7,5	HS	35,55	18,75	43,8	128,2	2.200	1.100	1.300	530	25	42	35	22	II	83,0	55,0
UMCA 3x100 MTRSR	3	10,0	HS	51,60	24,15	57,6	165,4	2.200	1.100	1.300	580	50	54	35	22	III	85,0	57,0
UMCA 3x130 MTRSR	3	13,0	HS	64,20	30,90	76,8	218,2	3.240	1.100	1.300	620	50	54	42	28	III	85,0	57,0
UMCA 3x150 MTRSR	3	15,0	HS	78,30	37,20	83,4	253,6	3.240	1.100	1.300	650	50	64	42	28	III	85,0	57,0
UMCA 4x075 MTRSR	4	7,5	HS	47,40	25,00	58,4	274,2	3.240	1.100	1.300	710	50	54	35	22	III	84,0	56,0
UMCA 4x100 MTRSR	4	10,0	HS	68,80	32,20	76,8	357,4	3.240	1.100	1.300	760	70	54	42	28	III	86,0	58,0
UMCA 4x130 MTRSR	4	13,0	HS	85,60	41,20	102,4	474,2	3.240	1.100	1.300	820	70	64	42	28	III	86,0	58,0
UMCA 4x150 MTRSR	4	15,0	HS	104,40	49,60	111,2	531,6	3.240	1.100	1.300	840	70	76	54	35	III	86,0	58,0

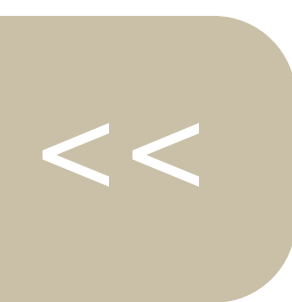
• STD voltage: 400V / 3 / 50Hz

R404A - R507

Range Evap. T°  
-25 / -35 °C

Model	Compressore - Compressor			Dati di progetto - Design data				Dati tecnici - Technical data				Miscellanea						
	Nc	HP	Type	Q	Pass	I max	Lra	A	B	H	Weight	Liquid receiver	Connections			PED Category	Sound Power	Sound Pressure
													S	D	L			
	SCROLL			-30/+45 °C								lt	mm	mm	mm		db(A)	db(A)
UMCA 3x075 BTRSR	3	7,5	HS	16,65	15,45	48,3	131,1	2.200	1.100	1.300	540	25	42	22	16	II	83,0	55,0
UMCA 3x100 BTRSR	3	10,0	HS	22,50	21,60	66,9	171,6	2.200	1.100	1.300	550	50	54	28	22	III	85,0	57,0
UMCA 3x130 BTRSR	3	13,0	HS	28,35	25,50	75,3	217,2	2.200	1.100	1.300	590	50	54	28	22	III	85,0	57,0
UMCA 3x150 BTRSR	3	15,0	HS	32,50	30,90	91,8	248,2	2.200	1.100	1.300	630	50	64	35	22	III	85,0	57,0
UMCA 4x075 BTRSR	4	7,5	HS	22,20	20,60	64,4	147,3	3.240	1.100	1.300	700	50	54	28	22	III	84,0	56,0
UMCA 4x100 BTRSR	4	10,0	HS	30,00	28,80	89,2	193,9	3.240	1.100	1.300	720	50	64	28	22	III	86,0	58,0
UMCA 4x130 BTRSR	4	13,0	HS	37,80	34,00	100,4	242,3	3.240	1.100	1.300	780	70	64	35	22	III	86,0	58,0
UMCA 4x150 BTRSR	4	15,0	HS	43,00	41,20	122,4	278,8	3.240	1.100	1.300	830	70	76	35	22	III	86,0	58,0

• Equilibratura olio compressori diretta - Compressor direct oil level regulation - Direkte Verdichterölniveauregulierung - Régulation directe du niveau d'huile des compresseurs  
 • STD voltage: 400V / 3 / 50Hz



Model	Compressore - Compressor			Dati di progetto - Design data				Dati tecnici - Technical data				Miscellanea						
	Nc	HP	Type	Q	Pass	I max	Lra	A	B	H	Weight	Liquid receiver	Connections		PED Category	Sound Power	Sound Pressure	
				-10/+45 °C				mm	mm	mm	Kg	lt	S	D				L
SEMIHERMETIC RECIPS			kw	kw	A	A	mm	mm	mm	Kg	lt	mm	mm	mm	db(A)	db(A)		
UMCA 3x075 MT	3	15,0	SE	38,70	18,54	51,5	118,0	3.120	1.100	1.900	630	50	54	35	22	III	77,0	49,0
UMCA 3x100 MT	3	10,0	SE	50,07	22,23	63,0	141,0	3.120	1.100	1.900	820	50	54	35	28	III	77,5	49,5
UMCA 3x150 MT	3	15,0	SE	72,60	31,26	93,0	194,0	3.120	1.100	1.900	860	50	64	42	28	III	81,5	53,5
UMCA 3x200 MT	3	20,0	SE	85,20	37,80	91,5	221,0	3.120	1.100	1.900	990	50	64	42	35	III	83,0	55,0
UMCA 3x250 MT	3	25,0	SE	103,50	49,20	120,3	272,0	3.120	1.100	1.900	1.070	70	2x54	54	35	III	84,0	56,0
UMCA 3x300 MT	3	30,0	SE	127,50	59,40	143,1	313,0	3.120	1.300	1.900	1.130	70	2x54	54	35	III	83,0	55,0
UMCA 3x350 MT	3	35,0	SE	153,00	76,50	187,2	408,8	3.120	1.300	1.900	1.220	70	2x64	54	42	III	90,0	62,0
UMCA 3x400 MT	3	40,0	SE	178,50	87,30	215,4	490,6	3.120	1.300	1.900	1.340	90	2x64	64	42	III	90,0	62,0
UMCA 3x500 MT	3	50,0	SE	217,50	102,30	284,1	604,4	3.120	1.300	1.900	1.590	150	2x76	64	54	IV	87,0	59,0
UMCA 3x600 MT	3	60,0	SE	262,50	119,10	321,0	758,0	3.120	1.300	1.900	1.830	180	2x76	76	54	IV	91,0	63,0
UMCA 4x075 MT	4	15,0	SE	51,60	24,72	68,6	135,1	4.130	1.100	1.900	780	50	2x42	35	28	III	78,0	50,0
UMCA 4x100 MT	4	10,0	SE	66,76	29,64	84,0	162,0	4.130	1.100	1.900	1.060	70	2x42	42	28	III	78,5	50,5
UMCA 4x150 MT	4	15,0	SE	96,80	41,68	124,0	225,0	4.130	1.100	1.900	1.100	70	2x54	54	35	III	82,5	54,5
UMCA 4x200 MT	4	20,0	SE	113,60	50,40	122,0	251,2	4.130	1.100	1.900	1.270	70	2x54	54	35	III	84,0	56,0
UMCA 4x250 MT	4	25,0	SE	138,00	65,60	160,4	312,3	4.130	1.100	1.900	1.420	90	2x64	54	42	III	85,0	57,0
UMCA 4x300 MT	4	30,0	SE	170,00	79,20	190,8	361,1	4.600	1.300	2.200	1.510	90	2x64	64	42	III	84,0	56,0
UMCA 4x400 MT	4	40,0	SE	238,00	116,40	287,2	562,4	4.600	1.300	2.200	1.850	150	2x76	76	54	IV	88,0	60,0
UMCA 4x500 MT	4	50,0	SE	290,00	136,40	378,8	699,1	4.600	1.300	2.200	2.000	180	2x89	76	54	IV	92,0	64,0

- Equilibratura olio con sistema AC&R - Compressor oil level regulation with AC&R system - Verdichterölniveauregulierung mit AC&R System - Régulation du niveau d'huile des compresseur avec système AC&R
- STD voltage: 400V / 3 / 50Hz

Model	Compressore - Compressor			Dati di progetto - Design data				Dati tecnici - Technical data				Miscellanea						
	Nc	HP	Type	Q	Pass	I max	Lra	A	B	H	Weight	Liquid receiver	Connections			PED Category	Sound Power	Sound Pressure
				-30/+45 °C				mm	mm	mm	Kg		It	S	D			
SEMIHERMETIC RECIPS			kw	kw	A	A	mm	mm	mm	Kg	It	mm	mm	mm		db(A)	db(A)	
UMCA 3x075 BT	3	7,5	SE	20,79	16,80	51	115,0	3.120	1.100	1.900	780	25	54	35	22	II	84,0	56,0
UMCA 3x100 BT	3	10,0	SE	24,09	19,11	63	141,0	3.120	1.100	1.900	840	50	54	35	22	III	86,0	58,0
UMCA 3X130BT	3	13,0	SE	27,78	22,29	72	161,0	3.120	1.100	1.900	850	50	64	35	22	III	88,0	60,0
UMCA 3x150 BT	3	15,0	SE	39,96	32,55	93	194,0	3.120	1.100	1.900	980	50	64	35	22	III	86,0	58,0
UMCA 3x200 BT	3	20,0	SE	46,41	37,62	111	232,0	3.120	1.100	1.900	1.030	70	2x54	35	28	III	91,5	63,5
UMCA 3x250 BT	3	25,0	SE	59,58	48,48	135	283,0	3.120	1.300	1.900	1.190	70	2x64	42	28	III	95,5	67,5
UMCA3x300 BT	3	30,0	SE	67,50	54,96	159	326,0	3.120	1.300	1.900	1.230	90	2x64	42	28	III	95,5	67,5
UMCA 3x400 BT	3	40,0	SE	78,60	64,20	234	479,0	3.120	1.300	1.900	1.280	90	2x64	54	35	III	96,5	68,5
UMCA 4x075 BT	4	7,5	SE	27,72	22,40	68	132,0	4.130	1.100	1.900	1.000	50	2x42	35	22	III	85,0	57,0
UMCA 4x100 BT	4	10,0	SE	32,12	25,48	84	162,0	4.130	1.100	1.900	1.070	50	2x42	35	22	III	87,0	59,0
UMCA 4x130 BT	4	13,0	SE	37,04	29,72	96	185,0	4.130	1.100	1.900	1.090	50	2x54	35	22	III	89,0	61,0
UMCA 4x150 BT	4	15,0	SE	53,28	43,40	124	225,0	4.130	1.100	1.900	1.100	70	2x54	42	28	III	87,0	59,0
UMCA 4x200 BT	4	20,0	SE	61,88	50,16	148	269,0	4.130	1.100	1.900	1.130	70	2x64	42	28	III	92,5	64,5
UMCA 4x250 BT	4	25,0	SE	79,44	64,64	180	328,0	4.130	1.300	1.900	1.530	90	2x64	54	35	III	96,5	68,5
UMCA 4x300 BT	4	30,0	SE	90,00	73,28	212	379,0	4.600	1.300	2.200	1.550	90	2x76	54	35	III	96,5	68,5
UMCA 4x400 BT	4	40,0	SE	104,80	85,60	312	557,0	4.600	1.300	2.200	1.690	150	2x76	54	35	IV	97,5	69,5

- Equilibratura olio con sistema AC&R - Compressor oil level regulation with AC&R system - Verdichterölniveauregulierung mit AC&R System - Régulation du niveau d'huile des compresseur avec système AC&R
- STD voltage: 400V / 3 / 50Hz

Model	Compressore - Compressor			Dati di progetto - Design data				Dati tecnici - Technical data				Miscellanea						
	Nc	HP	Type	Q	Pass	I max	Lra	A	B	H	Weight	Liquid receiver	Connections		PED Category	Sound Power	Sound Pressure	
				-30/+45 °C				mm	mm	mm	Kg	lt	S	D				L
SEMIHERMETIC RECIPS 2 - STAGE				kW	kW	A	A	mm	mm	mm	Kg	mm	mm	mm	db(A)	db(A)		
<b>UMCA 3x150 BSBT</b>	3	15,0	SE	56,70	41,88	93,0	194,0	3.120	1.100	1.900	1.100	50	2x54	42	22	III	85,0	57,0
<b>UMCA 3x200 BSBT</b>	3	20,0	SE	65,40	48,51	111,0	232,0	3.120	1.100	1.900	1.160	50	2x54	42	28	III	87,0	59,0
<b>UMCA 3x250 BSBT</b>	3	25,0	SE	74,70	55,68	135,0	283,0	3.120	1.100	1.900	1.230	70	2x64	42	28	III	88,5	60,5
<b>UMCA 3x300 BSBT</b>	3	30,0	SE	88,50	66,60	159,0	326,0	3.120	1.100	1.900	1.270	90	2x64	54	35	III	88,0	60,0
<b>UMCA 4x150 BSBT</b>	4	15,0	SE	75,60	55,84	124,0	225,0	4.130	1.300	1.900	1.470	70	2x64	54	28	III	86,0	58,0
<b>UMCA 4x200 BSBT</b>	4	20,0	SE	87,20	64,68	148,0	269,0	4.130	1.300	1.900	1.530	70	2x64	54	28	III	88,0	60,0
<b>UMCA 4x250 BSBT</b>	4	25,0	SE	99,60	74,24	180,0	328,0	4.130	1.300	1.900	1.610	90	2x64	54	28	III	89,5	61,5
<b>UMCA 4x300 BSBT</b>	4	30,0	SE	118,00	88,80	212,0	379,0	4.600	1.300	2.200	1.620	90	2x76	54	35	III	89,0	61,0

- Equilibratura olio con sistema AC&R - Compressor oil level regulation with AC&R system - Verdichterölniveauregulierung mit AC&R System - Régulation du niveau d'huile des compresseur avec système AC&R
- STD voltage: 400V / 3 / 50Hz

Model	Compressore - Compressor			Dati di progetto - Design data				Dati tecnici - Technical data				Miscellanea						
	Nc	HP	Type	Q	Pass	I max	Lra	A	B	H	Weight	Liquid receiver	Connections			PED Category	Sound Power	Sound Pressure
													S	D	L			
	<b>SEMIHERMETIC SCREW</b>			<b>-10/+45 °C</b>														
				kW	kW	A	A	mm	mm	mm	Kg	lt	mm	mm	mm		db(A)	db(A)
<b>UMCA 2x500 VSMT</b>	2	50,0	VS	142,40	73,40	158,0	434,0	3.600	1.500	2.200	1.130	90	2x64	54	42	III	85,0	57,0
<b>UMCA 2x600 VSMT</b>	2	60,0	VS	168,00	86,40	196,0	547,0	3.600	1.500	2.200	1.190	90	2x64	54	42	III	86,0	58,0
<b>UMCA 2x700 VSMT</b>	2	70,0	VS	195,40	100,60	248,0	609,0	3.600	1.500	2.200	1.440	150	2x76	64	42	IV	85,0	57,0
<b>UMCA 2x800 VSMT</b>	2	80,0	VS	223,80	115,20	288,0	729,0	3.600	1.500	2.200	1.490	150	2x76	64	54	IV	85,5	57,5
<b>UMCA 2x900 VSMT</b>	2	90,0	VS	254,40	131,00	324,0	848,0	3.600	1.500	2.200	1.550	180	2x76	76	54	IV	86,0	58,0
<b>UMCA 3x500 VSMT</b>	3	50,0	VS	213,60	110,10	237,0	513,0	4.600	1.500	2.200	1.600	90	2x76	64	54	III	87,0	59,0
<b>UMCA 3x600 VSMT</b>	3	60,0	VS	252,00	129,60	294,0	645,0	4.600	1.500	2.200	1.650	90	2x76	76	54	III	88,0	60,0
<b>UMCA 3x700 VSMT</b>	3	70,0	VS	293,10	150,90	372,0	733,0	4.600	1.500	2.200	1.910	150	3x64	76	54	IV	87,0	59,0
<b>UMCA 3x800 VSMT</b>	3	80,0	VS	335,70	172,80	432,0	873,0	4.600	1.500	2.200	1.970	180	3x76	76	64	IV	87,5	59,5
<b>UMCA 3x900 VSMT</b>	3	90,0	VS	381,60	196,50	486,0	1.010,0	4.600	1.500	2.200	2.100	200	3x76	89	64	IV	88,0	60,0
<b>UMCA 4x500 VSMT</b>	4	50,0	VS	284,80	146,80	316,0	592,0	5.000	1.700	2.400	2.540	180	3X76	76	54	IV	87,0	59,0
<b>UMCA 4x600 VSMT</b>	4	60,0	VS	336,00	172,80	392,0	743,0	5.000	1.700	2.400	2.580	200	3X76	76	64	IV	88,0	60,0
<b>UMCA 4x700 VSMT</b>	4	70,0	VS	390,80	201,20	496,0	857,0	5.000	1.700	2.400	2.850	200	3X76	76	64	IV	87,0	59,0
<b>UMCA 4x800 VSMT</b>	4	80,0	VS	447,80	172,80	576,0	1.017,0	5.000	1.700	2.400	2.920	250	4X76	89	64	IV	87,5	59,5
<b>UMCA 4x900 VSMT</b>	4	90,0	VS	508,80	262,00	648,0	1.172,0	5.000	1.700	2.400	3.130	250	4X76	89	64	IV	88,0	60,0

• STD voltage: 400V / 3 / 50HZ

Model	Compressore - Compressor			Dati di progetto - Design data				Dati tecnici - Technical data				Miscellanea						
	Nc	HP	Type	Q	Pass	I max	Lra	A	B	H	Weight	Liquid receiver	Connections			PED Category	Sound Power	Sound Pressure
													S	D	L			
	<b>SEMIHERMETIC SCREW</b>			<b>-30/+45 °C</b>														
				kW	kW	A	A	mm	mm	mm	Kg	lt	mm	mm	mm	db(A)	db(A)	
<b>UMCA 2x400 VSBT</b>	2	40,0	VS	84,40	68,00	130,0	378,0	3.600	1.500	2.200	1.120	70	2x64	35	28	III	85,0	57,0
<b>UMCA 2x500 VSBT</b>	2	50,0	VS	102,80	80,20	158,0	434,0	3.600	1.500	2.200	1.160	90	2x64	42	28	III	86,0	58,0
<b>UMCA 2x600 VSBT</b>	2	60,0	VS	115,80	93,20	196,0	547,0	3.600	1.500	2.200	1.320	90	2x64	42	35	III	85,0	57,0
<b>UMCA 2x700 VSBT</b>	2	70,0	VS	137,00	106,80	248,0	609,0	3.600	1.500	2.200	1.470	150	2x76	54	35	IV	85,5	57,5
<b>UMCA 2x750 VSBT</b>	2	75,0	VS	155,80	121,40	288,0	729,0	3.600	1.500	2.200	1.510	150	2x76	54	35	IV	86,0	58,0
<b>UMCA 3x400 VSBT</b>	3	40,0	VS	125,50	102,00	195,0	443,0	4.600	1.500	2.200	1.480	90	2x64	54	28	IV	87,0	59,0
<b>UMCA 3x500 VSBT</b>	3	50,0	VS	154,20	120,30	237,0	513,0	4.600	1.500	2.200	1.520	90	2x76	54	35	IV	88,0	60,0
<b>UMCA 3x600 VSBT</b>	3	60,0	VS	173,70	139,80	294,0	645,0	4.600	1.500	2.200	1.850	150	2x76	54	35	IV	87,0	59,0
<b>UMCA 3x700 VSBT</b>	3	70,0	VS	205,50	160,20	372,0	733,0	4.600	1.500	2.200	1.930	180	3x76	64	42	IV	87,5	59,5
<b>UMCA 3x750 VSBT</b>	3	75,0	VS	233,70	182,10	432,0	873,0	4.600	1.500	2.200	2.020	200	3x76	64	42	IV	88,0	60,0
<b>UMCA 4x400 VSBT</b>	4	40,0	VS	168,80	136,00	260,0	508,0	5.000	1.700	2.400	2.310	90	3X64	64	35	IV	87,0	59,0
<b>UMCA 4x500 VSBT</b>	4	50,0	VS	205,60	160,40	316,0	592,0	5.000	1.700	2.400	2.360	150	3X76	64	42	IV	88,0	60,0
<b>UMCA 4x600 VSBT</b>	4	60,0	VS	231,60	186,40	392,0	743,0	5.000	1.700	2.400	2.470	200	3X76	64	42	IV	87,0	59,0
<b>UMCA 4x700 VSBT</b>	4	70,0	VS	274,00	253,60	496,0	857,0	5.000	1.700	2.400	2.870	200	4X76	76	54	IV	87,5	59,5
<b>UMCA 4x750 VSBT</b>	4	75,0	VS	311,60	242,80	576,0	1.017,0	5.000	1.700	2.400	3.010	250	4X76	76	54	IV	88,0	60,0

• STD voltage: 400V / 3 / 50Hz