

# GENERAL CATALOGUE

Compressors














# R404A/ R507



**cubigel**<sup>®</sup>  
compressors  
by  
HUAYI  
COMPRESSOR  
BARCELONA



# R404A • R507 (\*) LBP • 50 Hz









MODEL	DISPLACEMENT cm <sup>3</sup>	POWER hp	APPLICATION	CPR COOLING	VOLTAGE FREQUENCY	MOTOR	STARTING	EXPANSION	REFRIGERATION CAPACITY								WEIGHT Kg	DESIGN
									COP in W/W 1 W = 0,864 kcal/h = 3,415 BTU/h Evaporating Temperature °C									
									Cecomaf (W)				Ashrae					
									-40	-30	-25		-10	-23.3				
											W	COP		kcal/h	COP			
 MLY40AAa	4.02	1/7	LBP	S	220-240V 50Hz ~1	RSIR	P	C	45	95	<b>130</b>	<b>0.89</b>	271	<b>166</b>	<b>1.25</b>	10.1	Lb	
 MLY40AAb	4.02	1/7	LBP	S	220-240V 50Hz ~1	RSCR	P	C	45	95	<b>130</b>	<b>0.94</b>	271	<b>166</b>	<b>1.32</b>	10.1	Lb	
 MLY45LAa	4.56	1/6	LBP	F	220-240V 50Hz ~1	CSIR	R	C-V	61	118	<b>158</b>	<b>0.92</b>	318	<b>200</b>	<b>1.30</b>	9.9	Lc	
 MLY45LAb	4.56	1/6	LBP	F	220-240V 50Hz ~1	CSR	R	C-V	61	118	<b>158</b>	<b>0.98</b>	318	<b>200</b>	<b>1.38</b>	9.9	Lc	
ML45FB	4.56	1/6	LBP	F	220-240V 50Hz ~1	CSIR	R	C-V	52	100	<b>134</b>	<b>0.66</b>	275	<b>170</b>	<b>0.94</b>	9.9	Lb	
ML45FG	4.56	1/6	LBP	F	200-240/220-230V 50/60Hz ~1	CSIR	R	C-V	52	100	<b>134</b>	<b>0.68</b>	275	<b>170</b>	<b>0.96</b>	10.3	Lc	
 MLY60LAa	5.98	1/5	LBP	F	220-240V 50Hz ~1	CSIR	R	C-V	87	169	<b>222</b>	<b>0.90</b>	430	<b>280</b>	<b>1.26</b>	10.3	Lc	
 MLY60LAb	5.98	1/5	LBP	F	220-240V 50Hz ~1	CSR	R	C-V	87	169	<b>222</b>	<b>0.97</b>	430	<b>280</b>	<b>1.36</b>	10.3	Lc	
ML60FB	5.98	1/5	LBP	F	220-240V 50Hz ~1	CSIR	R	C-V	69	134	<b>178</b>	<b>0.71</b>	352	<b>225</b>	<b>1.01</b>	10.2	Lc	
ML60FG	5.98	1/5	LBP	F	200-240/220-230V 50/60Hz ~1	CSIR	R	C-V	69	134	<b>178</b>	<b>0.71</b>	352	<b>225</b>	<b>1.01</b>	10.3	Lc	
 MLY80LAa	8.10	1/4	LBP	F	220-240V 50Hz ~1	CSIR	R	C-V	104	208	<b>276</b>	<b>0.91</b>	550	<b>350</b>	<b>1.28</b>	11.6	Ld	
 MLY80LAb	8.10	1/4	LBP	F	220-240V 50Hz ~1	CSR	R	C-V	104	208	<b>276</b>	<b>0.98</b>	550	<b>350</b>	<b>1.38</b>	11.6	Ld	
ML80FB	8.10	1/4	LBP	F	220-240V 50Hz ~1	CSIR	R	C-V	100	190	<b>253</b>	<b>0.78</b>	507	<b>320</b>	<b>1.09</b>	10.0	Lc	
ML80FG	8.10	1/4	LBP	F	200-220/220-230V 50/60Hz ~1	CSIR	R	C-V	100	190	<b>253</b>	<b>0.77</b>	507	<b>320</b>	<b>1.08</b>	11.3	Ld	
 MLY90LAa	9.09	1/3	LBP	F	220-240V 50Hz ~1	CSIR	R	C-V	121	236	<b>313</b>	<b>0.91</b>	614	<b>395</b>	<b>1.28</b>	11.9	Ld	
 MLY90LAb	9.09	1/3	LBP	F	220-240V 50Hz ~1	CSR	R	C-V	121	236	<b>313</b>	<b>0.98</b>	614	<b>395</b>	<b>1.38</b>	11.9	Ld	
ML90FB	8.86	1/3	LBP	F	220-240V 50Hz ~1	CSIR	R	C-V	104	208	<b>276</b>	<b>0.83</b>	550	<b>350</b>	<b>1.16</b>	10.1	Ld	
ML90FG	8.86	1/3	LBP	F	200-220/230V 50/60Hz ~1	CSIR	R	C-V	104	208	<b>276</b>	<b>0.80</b>	550	<b>350</b>	<b>1.13</b>	11.3	Ld	
 MPT12LA	12.10	3/8	LBP	F	220-240V 50Hz ~1	CSR	R	C-V	194	348	<b>453</b>	<b>1.01</b>	876	<b>570</b>	<b>1.42</b>	13.0	Pd	
 MPT14LA	14.32	1/2	LBP	F	220-240V 50Hz ~1	CSR	R	C-V	243	420	<b>535</b>	<b>0.99</b>	988	<b>670</b>	<b>1.38</b>	13.4	Pd	
 MPT16LA	16.15	1/2	LBP	F	220-240V 50Hz ~1	CSR	R	C-V	260	467	<b>610</b>	<b>0.97</b>	1165	<b>765</b>	<b>1.40</b>	12.8	Pd	
MP12FB	12.05	3/8	LBP	F	220-240V 50Hz ~1	CSIR	R	C-V	104	252	<b>351</b>	<b>0.83</b>	747	<b>450</b>	<b>1.16</b>	12.0	Pd	
MP12FG	12.05	3/8	LBP	F	200-220/220-230V 50/60Hz ~1	CSIR	R	C-V	104	252	<b>351</b>	<b>0.82</b>	747	<b>450</b>	<b>1.16</b>	12.7	Pd	
MP14FB	14.17	1/2	LBP	F	220-240V 50Hz ~1	CSIR	R	C-V	121	304	<b>422</b>	<b>0.80</b>	880	<b>540</b>	<b>1.12</b>	13.9	Pd	
MP14FG	14.17	1/2	LBP	F	200-220/230V 50/60Hz ~1	CSIR	R	C-V	121	304	<b>422</b>	<b>0.80</b>	880	<b>540</b>	<b>1.12</b>	13.0	Pd	
MX18FBa	18.40	5/8	LBP	F	220-240V 50Hz ~1	CSR	R	C-V	174	397	<b>548</b>	<b>0.96</b>	1151	<b>700</b>	<b>1.36</b>	16.0	Xd	
MX21FBa	20.72	3/4	LBP	F	220-240V 50Hz ~1	CSR	R	C-V	213	464	<b>632</b>	<b>0.96</b>	1301	<b>805</b>	<b>1.35</b>	16.0	Xd	
MX21FG	20.72	3/4	LBP	F	200-220/220-230V 50/60Hz ~1	CSR	R	C-V	213	464	<b>632</b>	<b>0.96</b>	1301	<b>805</b>	<b>1.35</b>	16.2	Xd	
MX23FB	23.20	7/8	LBP	F	220-240V 50Hz ~1	CSR	R	C-V	260	536	<b>720</b>	<b>0.96</b>	1460	<b>915</b>	<b>1.35</b>	16.4	Xd	
MX23FG	23.20	7/8	LBP	F	200-220/220-230V 50/60Hz ~1	CSR	R	C-V	260	536	<b>720</b>	<b>0.95</b>	1460	<b>915</b>	<b>1.34</b>	17.8	Xd	
MS26FB	25.93	3/4	LBP	F	220-240V 50Hz ~1	CSR	R	C-V	182	572	<b>816</b>	<b>0.97</b>	1744	<b>1050</b>	<b>1.37</b>	22.6	Sd	
MS26FG	25.93	3/4	LBP	F	200-220/230V 50/60Hz ~1	CSR	R	C-V	174	550	<b>779</b>	<b>0.96</b>	1632	<b>1000</b>	<b>1.35</b>	22.6	Sd	
MS26F3	25.93	3/4	LBP	F	400/440V 50/60Hz ~3	3PHASE	R	C-V	174	550	<b>779</b>	<b>0.96</b>	1632	<b>1000</b>	<b>1.35</b>	20.8	Sd	
MS30FB	29.95	7/8	LBP	F	220-240V 50Hz ~1	CSR	R	C-V	208	657	<b>935</b>	<b>0.95</b>	1977	<b>1201</b>	<b>1.35</b>	22.7	Sd	
MS30F3	29.95	7/8	LBP	F	400/440V 50/60Hz ~3	3PHASE	R	C-V	208	657	<b>934</b>	<b>0.93</b>	1976	<b>1200</b>	<b>1.32</b>	24.0	Sd	
MS34FB	34.42	1	LBP	F	220V 50Hz ~1	CSR	R	C-V	243	764	<b>1089</b>	<b>0.96</b>	2319	<b>1400</b>	<b>1.35</b>	22.7	Sd	
MS34FBb	34.42	1	LBP	F	220-240V 50Hz ~1	CSR	R	C-V	243	764	<b>1089</b>	<b>0.96</b>	2319	<b>1400</b>	<b>1.35</b>	22.7	Sd	
MS34F3	34.42	1	LBP	F	400/440V 50/60Hz ~3	3PHASE	R	C-V	243	764	<b>1089</b>	<b>1.00</b>	2319	<b>1400</b>	<b>1.40</b>	22.9	Sd	


 Green Cooling Models

(\*) Or R407B / See design drawing on page 66

 New Models










# R404A • R507 (\*) LBP • 60 Hz

MODEL	DISPLACEMENT cm <sup>3</sup>	POWER hp	APPLICATION	CPR COOLING	VOLTAGE FREQUENCY	MOTOR	STARTING	EXPANSION	REFRIGERATION CAPACITY								WEIGHT Kg	DESIGN
									COP in W/W 1 W = 0,864 kcal/h = 3,415 BTU/h Evaporating Temperature °C									
									Cecomaf (W)				Ashrae					
											-25				-23.3			
									-40	-30	W	COP	-10	kcal/h	COP			
ML45FR	4.56	1/6	LBP	F	115-127V 60Hz ~1	CSIR	R	C-V	61	118	<b>157</b>	<b>0.72</b>	322	<b>200</b>	<b>1.01</b>	10.3	Lc	
ML45FG	4.56	1/6	LBP	F	200-240/220-230V 50/60Hz ~1	CSIR	R	C-V	61	118	<b>157</b>	<b>0.69</b>	322	<b>200</b>	<b>0.97</b>	10.3	Lc	
 MLY60Lda	5.98	1/5	LBP	F	115V 60Hz ~1	CSIR	R	C-V	102	198	<b>260</b>	<b>0.89</b>	503	<b>328</b>	<b>1.25</b>	10.3	Lc	
 MLY60Ldb	5.98	1/5	LBP	F	115V 60Hz ~1	CSR	R	C-V	102	198	<b>260</b>	<b>0.95</b>	503	<b>328</b>	<b>1.34</b>	10.3	Lc	
ML60FR	5.98	1/5	LBP	F	115-127V 60Hz ~1	CSIR	R	C-V	82	157	<b>208</b>	<b>0.72</b>	412	<b>263</b>	<b>1.01</b>	11.0	Lc	
ML60FG	5.98	1/5	LBP	F	200-240/220-230V 50/60Hz ~1	CSIR	R	C-V	82	157	<b>208</b>	<b>0.70</b>	412	<b>263</b>	<b>0.99</b>	10.3	Lc	
ML80FR	8.10	1/4	LBP	F	115-127V 60Hz ~1	CSIR	R	C-V	117	224	<b>297</b>	<b>0.75</b>	593	<b>376</b>	<b>1.05</b>	11.3	Ld	
ML80FG	8.10	1/4	LBP	F	200-220/220-230V 50/60Hz ~1	CSIR	R	C-V	117	224	<b>297</b>	<b>0.76</b>	593	<b>376</b>	<b>1.07</b>	11.3	Ld	
 MLT90LD	9.09	1/3	LBP	F	115V 60Hz ~1	CSR	R	C-V	160	285	<b>375</b>	<b>0.99</b>	753	<b>474</b>	<b>1.40</b>	10.3	Ld	
 MLT90CD	9.09	1/3	LBP	F	115V 60Hz ~1	RSCR	P	C	165	291	<b>383</b>	<b>1.03</b>	773	<b>485</b>	<b>1.45</b>	10.3	Ld	
 MLT90CDc	9.09	1/3	LBP	S	115V 60Hz ~1	CSR	R	C-V	160	285	<b>375</b>	<b>0.99</b>	753	<b>474</b>	<b>1.40</b>	10.3	Ld	
ML90FR	8.86	1/3	LBP	F	115-127V 60Hz ~1	CSIR	R	C-V	121	243	<b>324</b>	<b>0.79</b>	644	<b>410</b>	<b>1.11</b>	11.3	Ld	
ML90FG	8.86	1/3	LBP	F	200-220/230V 50/60Hz ~1	CSIR	R	C-V	121	243	<b>324</b>	<b>0.80</b>	644	<b>410</b>	<b>1.12</b>	11.3	Ld	
 MPT12LD	12.10	3/8	LBP	F	115V 60Hz ~1	CSR	R	C-V	226	398	<b>516</b>	<b>1.01</b>	996	<b>650</b>	<b>1.41</b>	11.5	Pd	
 MPT12CD	12.10	3/8	LBP	F	115V 60Hz ~1	RSCR	P	C	226	398	<b>516</b>	<b>1.01</b>	996	<b>650</b>	<b>1.41</b>	11.5	Pd	
MP12FR	12.05	3/8	LBP	F	115-127V 60Hz ~1	CSIR	R	C-V	121	295	<b>411</b>	<b>0.81</b>	874	<b>527</b>	<b>1.15</b>	12.7	Pd	
MP12FG	12.05	3/8	LBP	F	200-220/220-230V 50/60Hz ~1	CSIR	R	C-V	121	295	<b>411</b>	<b>0.85</b>	874	<b>527</b>	<b>1.19</b>	12.7	Pd	
MP14FE	14.17	1/2	LBP	F	115V 60Hz ~1	CSIR	R	C-V	142	356	<b>494</b>	<b>0.77</b>	1030	<b>632</b>	<b>1.10</b>	13.0	Pd	
MP14FG	14.17	1/2	LBP	F	200-220/230V 50/60Hz ~1	CSIR	R	C-V	142	356	<b>494</b>	<b>0.82</b>	1030	<b>632</b>	<b>1.15</b>	13.0	Pd	
 MPT14LF	14.32	1/2	LBP	F	208-230V 60Hz ~1	CSR	R	C-V	268	472	<b>610</b>	<b>0.95</b>	1190	<b>770</b>	<b>1.34</b>	13.4	Pd	
MX21FG	20.72	3/4	LBP	F	200-220/220-230V 50/60Hz ~1	CSR	R	C-V	248	542	<b>738</b>	<b>0.94</b>	1520	<b>940</b>	<b>1.32</b>	16.2	Xd	
MX23FG	23.20	7/8	LBP	F	200-220/220-230V 50/60Hz ~1	CSR	R	C-V	304	628	<b>846</b>	<b>0.94</b>	1718	<b>1075</b>	<b>1.32</b>	17.8	Xd	
MS26FF	25.93	3/4	LBP	F	208-230V 60Hz ~1	CSR	R	C-V	203	643	<b>912</b>	<b>0.92</b>	1910	<b>1170</b>	<b>1.30</b>	22.6	Sd	
MS26FG	25.93	3/4	LBP	F	200-220/230V 50/60Hz ~1	CSR	R	C-V	203	643	<b>912</b>	<b>0.92</b>	1910	<b>1170</b>	<b>1.31</b>	22.6	Sd	
MS26F3	25.93	3/4	LBP	F	400/440V 50/60Hz ~3	3PHASE	R	C-V	203	643	<b>912</b>	<b>0.92</b>	1910	<b>1170</b>	<b>1.31</b>	20.8	Sd	
MS30FF	29.95	7/8	LBP	F	208-230V 60Hz ~1	CSR	R	C-V	243	765	<b>1090</b>	<b>0.93</b>	2311	<b>1400</b>	<b>1.31</b>	22.7	Sd	
MS30FG	29.95	7/8	LBP	F	230V 60Hz ~1	CSR	R	C-V	243	765	<b>1090</b>	<b>0.96</b>	2311	<b>1400</b>	<b>1.36</b>	22.7	Sd	
MS30F3	29.95	7/8	LBP	F	400/440V 50/60Hz ~3	3PHASE	R	C-V	243	765	<b>1090</b>	<b>0.94</b>	2311	<b>1400</b>	<b>1.32</b>	24.0	Sd	
MS34F3	34.42	1	LBP	F	400/440V 50/60Hz ~3	3PHASE	R	C-V	278	887	<b>1267</b>	<b>0.96</b>	2706	<b>1630</b>	<b>1.35</b>	22.9	Sd	

 Green Cooling Models (\*) Or R407B / See design drawing on page 66  
 New Models

Compressors  
R404A / R507






# R404A • R507(\*) HMBP | HBP • 50 Hz


MODEL	DISPLACEMENT cm <sup>3</sup>	POWER hp	APPLICATION	CPR COOLING	VOLTAGE FREQUENCY	MOTOR	STARTING	EXPANSION	REFRIGERATION CAPACITY								WEIGHT Kg	DESIGN
									COP in W/W 1 W = 0,864 kcal/h = 3,415 BTU/h Evaporating Temperature °C									
									Cecomaf (W)				Ashrae					
									5		10		7.2					
									-25	-15	W	COP	10	kcal/h	COP			
ML40TB	4.05	1/6	HMBP	F	220-240V 50Hz ~1	CSIR	R	C-V	133	214	<b>473</b>	<b>1.43</b>	558	<b>510</b>	<b>1.74</b>	10.0	Lc	
ML40TG	4.05	1/6	HMBP	F	200-240/220-230V 50/60Hz ~1	CSIR	R	C-V	133	214	<b>473</b>	<b>1.43</b>	558	<b>510</b>	<b>1.74</b>	10.0	Lc	
ML45TB	4.50	1/5	HMBP	F	220-240V 50Hz ~1	CSIR	R	C-V	151	238	<b>528</b>	<b>1.49</b>	624	<b>570</b>	<b>1.82</b>	10.1	Lc	
ML45TG	4.50	1/5	HMBP	F	200-240/220-230V 50/60Hz ~1	CSIR	R	C-V	151	238	<b>528</b>	<b>1.49</b>	624	<b>570</b>	<b>1.82</b>	10.0	Lc	
 MLY60RAa	5.98	1/4	HMBP	F	220-240V 50Hz ~1	CSIR	R	C-V	212	346	<b>766</b>	<b>1.77</b>	902	<b>825</b>	<b>2.15</b>	10.5	Lc	
 MLY60RAb	5.98	1/4	HMBP	F	220-240V 50Hz ~1	CSR	R	C-V	212	346	<b>766</b>	<b>1.93</b>	902	<b>825</b>	<b>2.36</b>	10.5	Lc	
ML60TB	5.68	1/4	HMBP	F	220-240V 50Hz ~1	CSIR	R	C-V	166	277	<b>647</b>	<b>1.53</b>	769	<b>700</b>	<b>1.85</b>	10.1	Lc	
ML60TG	5.68	1/4	HMBP	F	200-220/230V 50/60Hz ~1	CSIR	R	C-V	166	277	<b>647</b>	<b>1.53</b>	769	<b>700</b>	<b>1.85</b>	10.0	Lc	
 MLY80RAa	8.10	3/8	HMBP	F	220-240V 50Hz ~1	CSIR	R	C-V	282	463	<b>1055</b>	<b>1.86</b>	1250	<b>1140</b>	<b>2.27</b>	10.2	Ld	
 MLY80RAb	8.10	3/8	HMBP	F	220-240V 50Hz ~1	CSR	R	C-V	282	463	<b>1055</b>	<b>2.02</b>	1250	<b>1140</b>	<b>2.46</b>	10.2	Ld	
ML80TB	7.57	3/8	HMBP	F	220-240V 50Hz ~1	CSIR	R	C-V	227	385	<b>880</b>	<b>1.63</b>	1040	<b>950</b>	<b>1.99</b>	11.4	Ld	
ML80TG	7.57	3/8	HMBP	F	200-240/220-230V 50/60Hz ~1	CSIR	R	C-V	227	385	<b>880</b>	<b>1.63</b>	1040	<b>950</b>	<b>1.99</b>	11.2	Ld	
 MLY90RAa	9.09	3/8	HMBP	F	220-240V 50Hz ~1	CSIR	R	C-V	317	512	<b>1132</b>	<b>1.75</b>	1334	<b>1220</b>	<b>2.13</b>	11.3	Ld	
 MLY90RAb	9.09	3/8	HMBP	F	220-240V 50Hz ~1	CSR	R	C-V	317	511	<b>1136</b>	<b>1.92</b>	1340	<b>1225</b>	<b>2.34</b>	11.3	Ld	
ML90TB	8.86	3/8	HMBP	F	220-240V 50Hz ~1	CSIR	R	C-V	282	463	<b>1055</b>	<b>1.63</b>	1250	<b>1140</b>	<b>1.98</b>	11.6	Ld	
ML90TG	8.86	3/8	HMBP	F	200-220/230V 50/60Hz ~1	CSIR	R	C-V	282	463	<b>1055</b>	<b>1.63</b>	1250	<b>1140</b>	<b>1.98</b>	12.7	Ld	
MP12RB	12.05	1/2	HMBP	F	220-240V 50Hz ~1	CSR	R	C-V	373	634	<b>1463</b>	<b>1.89</b>	1732	<b>1580</b>	<b>2.30</b>	13.5	Pd	
MP12TG	12.05	1/2	HMBP	F	200-220/220-230V 50/60Hz ~1	CSR	R	C-V	373	634	<b>1463</b>	<b>1.85</b>	1732	<b>1580</b>	<b>2.25</b>	13.5	Pd	
 MPT12RA (**)	12.10	3/8	HMBP	F	220-240V 50Hz ~1	CSR	R	C-V	398	676	<b>1560</b>	<b>1.93</b>	1845	<b>1685</b>	<b>2.35</b>	12.6	Pd	
MP14RB	14.17	1/2	HMBP	F	220-240V 50Hz ~1	CSR	R	C-V	463	765	<b>1674</b>	<b>1.76</b>	1963	<b>1800</b>	<b>2.14</b>	13.5	Pd	
 MPT14RA (**)	14.32	1/2	HMBP	F	220-240V 50Hz ~1	CSR	R	C-V	478	784	<b>1760</b>	<b>1.81</b>	2078	<b>1900</b>	<b>2.20</b>	13.5	Pd	
MX16TB	16.03	3/4	HMBP	F	220-240V 50Hz ~1	CSR	R	C-V	484	818	<b>1880</b>	<b>1.76</b>	2225	<b>2030</b>	<b>2.15</b>	16.2	Xc	
MX18TB	18.40	7/8	HMBP	F	220-240V 50Hz ~1	CSR	R	C-V	554	937	<b>2157</b>	<b>1.78</b>	2554	<b>2330</b>	<b>2.18</b>	16.0	Xd	
MX18TG	18.40	7/8	HMBP	F	200-220/220-230V 50/60Hz ~1	CSR	R	C-V	554	937	<b>2157</b>	<b>1.78</b>	2554	<b>2330</b>	<b>2.18</b>	17.0	Xd	
MX21TB	20.72	1	HMBP	F	220-240V 50Hz ~1	CSR	R	C-V	625	1052	<b>2425</b>	<b>1.77</b>	2873	<b>2620</b>	<b>2.15</b>	17.4	Xd	
MX21TG	20.72	1	HMBP	F	200-220/230V 50/60Hz ~1	CSR	R	C-V	625	1052	<b>2425</b>	<b>1.77</b>	2873	<b>2620</b>	<b>2.15</b>	17.6	Xd	
MS18T3	18.10	7/8	HMBP	F	400/440V 50/60Hz ~3	3PHASE	R	C-V	423	838	<b>2137</b>	<b>1.92</b>	2557	<b>2320</b>	<b>2.35</b>	20.0	Sc	
MS22TB	21.75	1	HMBP	F	220-240V 50Hz ~1	CSR	R	C-V	453	972	<b>2566</b>	<b>2.04</b>	3077	<b>2789</b>	<b>2.50</b>	20.5	Sc	
MS22T3	21.75	1	HMBP	F	400/440V 50/60Hz ~3	3PHASE	R	C-V	453	975	<b>2576</b>	<b>2.01</b>	3090	<b>2800</b>	<b>2.45</b>	20.0	Sc	
MS26TB	25.93	1 3/8	HMBP	F	220-240V 50Hz ~1	CSR	R	C-V	675	1295	<b>3185</b>	<b>2.02</b>	3789	<b>3449</b>	<b>2.46</b>	23.0	Sd	
MS26TG	25.93	1 3/8	HMBP	F	200-220/230V 50/60Hz ~1	CSR	R	C-V	675	1295	<b>3186</b>	<b>2.02</b>	3791	<b>3451</b>	<b>2.46</b>	23.0	Sd	
MS26T3	25.93	1 3/8	HMBP	F	400/440V 50/60Hz ~3	3PHASE	R	C-V	675	1295	<b>3186</b>	<b>2.01</b>	3791	<b>3451</b>	<b>2.45</b>	18.6	Sd	
MS34TB	34.42	1 5/8	HBP	F	220-240V 50Hz ~1	CSR	R	C-V	1012	1860	<b>4231</b>	<b>1.92</b>	4959	<b>4551</b>	<b>2.30</b>	22.7	Sd	
MS34T3	34.42	1 5/8	HMBP	F	400/440V 50/60Hz ~3	3PHASE	R	C-V	1007	1860	<b>4231</b>	<b>1.82</b>	4958	<b>4551</b>	<b>2.20</b>	22.8	Sd	
 MS34TG	34.42	1 5/8	HMBP	F	200-220/230V 50/60Hz ~1	CSR	R	C-V	1012	1860	<b>4231</b>	<b>1.92</b>	4959	<b>4551</b>	<b>2.30</b>	22.7	Sd	

 Green Cooling Models  
 New Models

(\*) Or R407B (\*\*) Model under development. Provisional performances/data. / See design drawing on page 66

# R404A • R507(\*) HMBP | HBP • 60 Hz

MODEL	DISPLACEMENT cm <sup>3</sup>	POWER hp	APPLICATION	CPR COOLING	VOLTAGE FREQUENCY	MOTOR	STARTING	EXPANSION	REFRIGERATION CAPACITY								WEIGHT Kg	DESIGN
									COP in W/W 1 W = 0,864 kcal/h = 3,415 BTU/h Evaporating Temperature °C									
									Cecomaf (W)				Ashrae					
									-25		-15		10		7.2			
									W	COP	W	COP	W	COP	kcal/h	COP		
ML45TG	4.50	1/5	HMBP	F	200-240/220-230V 50/60Hz ~1	CSIR	R	C-V	177	279	<b>618</b>	<b>1.44</b>	731	<b>667</b>	<b>1.74</b>	10.0	Lc	
 MLY60RDa	5.98	1/4	HMBP	F	115V 60Hz ~1	CSIR	R	C-V	252	411	<b>905</b>	<b>1.73</b>	1065	<b>975</b>	<b>2.10</b>	11.0	Lc	
 MLY60RDb	5.98	1/4	HMBP	F	115V 60Hz ~1	CSR	R	C-V	252	411	<b>905</b>	<b>1.86</b>	1065	<b>975</b>	<b>2.27</b>	11.0	Lc	
ML60TG	5.68	1/4	HMBP	F	200-220/230V 50/60Hz ~1	CSIR	R	C-V	194	325	<b>758</b>	<b>1.51</b>	901	<b>820</b>	<b>1.83</b>	10.0	Lc	
ML60TR	5.68	1/4	HMBP	F	115-127V 60Hz ~1	CSIR	R	C-V	194	325	<b>758</b>	<b>1.5</b>	901	<b>820</b>	<b>1.83</b>	10.0	Lc	
 MLY80RDa	8.10	3/8	HMBP	F	115V 60Hz ~1	CSIR	R	C-V	330	543	<b>1232</b>	<b>1.77</b>	1457	<b>1330</b>	<b>2.15</b>	11.2	Ld	
 MLY80RDb	8.10	3/8	HMBP	F	115V 60Hz ~1	CSR	R	C-V	330	543	<b>1232</b>	<b>1.83</b>	1457	<b>1330</b>	<b>2.22</b>	11.2	Ld	
ML80TG	7.57	3/8	HMBP	F	200-240/220-230V 50/60Hz ~1	CSIR	R	C-V	265	451	<b>1029</b>	<b>1.61</b>	1215	<b>1110</b>	<b>1.96</b>	11.2	Ld	
ML90TG	8.86	3/8	HMBP	F	200-220/230V 50/60Hz ~1	CSIR	R	C-V	330	542	<b>1235</b>	<b>1.56</b>	1463	<b>1334</b>	<b>1.89</b>	12.7	Ld	
MP12TG	12.05	1/2	HMBP	F	200-220/220-230V 50/60Hz ~1	CSR	R	C-V	433	741	<b>1713</b>	<b>1.81</b>	2028	<b>1850</b>	<b>2.20</b>	13.5	Pd	
MX18TG	18.40	7/8	HMBP	F	200-220/220-230V 50/60Hz ~1	CSR	R	C-V	648	1095	<b>2523</b>	<b>1.76</b>	2989	<b>2726</b>	<b>2.15</b>	17.0	Xd	
MX21TG	20.72	1	HMBP	F	200-220/230V 50/60Hz ~1	CSR	R	C-V	730	1217	<b>2799</b>	<b>1.74</b>	3318	<b>3026</b>	<b>2.12</b>	17.6	Xd	
MS18T3	18.10	7/8	HMBP	F	400/440V 50/60Hz ~3	3PHASE	R	C-V	494	976	<b>2487</b>	<b>1.85</b>	2976	<b>2700</b>	<b>2.25</b>	20.0	Sc	
MS22T3	21.75	1	HMBP	F	400/440V 50/60Hz ~3	3PHASE	R	C-V	530	1140	<b>3014</b>	<b>1.97</b>	3615	<b>3277</b>	<b>2.40</b>	20.0	Sc	
MS26TG	25.93	1 3/8	HMBP	F	200-220/230V 50/60Hz ~1	CSR	R	C-V	790	1516	<b>3729</b>	<b>1.96</b>	4436	<b>4038</b>	<b>2.37</b>	23.0	Sd	
MS26T3	25.93	1 3/8	HMBP	F	400/440V 50/60Hz ~3	3PHASE	R	C-V	790	1516	<b>3729</b>	<b>1.86</b>	4436	<b>4038</b>	<b>2.25</b>	18.6	Sd	
MS34T3	34.42	1 5/8	HMBP	F	400/440V 50/60Hz ~3	3PHASE	R	C-V	1179	2176	<b>4948</b>	<b>1.73</b>	5797	<b>5321</b>	<b>2.10</b>	22.8	Sd	
 MS34TG	34.42	1 3/8	HMBP	F	200-220/230V 50/60Hz ~1	CSR	R	C-V	1173	2158	<b>4910</b>	<b>1.86</b>	5755	<b>5280</b>	<b>2.23</b>	23.0	Sd	

 Green Cooling Models (\*) Or R407B / See design drawing on page 66

 New Models

Compressors  
R404A / R507

	Testing cycle conditions			
	CECOMAF		ASHRAE	
	LBP (A)	HMBP (C)	LBP (B)	HMBP (D)
Evaporating temperature °C	-25	5	-23.3	7.2
Condensing temperature °C	55	55	55	55
Liquid temperature °C	55	55	32	46
Suction temperature °C	32	32	32	35
Ambient temperature °C	32	32	32	35

### Measurement conversion

R404A

W(A) x 1.17 = kcal/h (B)

W(C) x 1.02 = kcal/h (D)

GS Compressor's range can be provided with tube or valve



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