

Type: Condensing units with air cooled condenser and hermetic scroll compressor

Producer: Danfoss-Maneurop

Series: MPUC

Model: MPUC068-E

Technical data

Compressor:	MLZ030
Liquid receiver capacity [dm ³]:	7,6
Net/gross weight [kg]:	141/198
Acoustic power [dB(A)]:	71
Acoustic pressure [dB(A)]:	40
Power supply [V/~/Hz]:	400V/3/50Hz

Fan technical data

Air flow [m ³ /h]:	6100
Fan count:	1
Fans diameter [mm]:	609
Power supply [V/~/Hz]:	230V/1/50Hz

Connections

	<u>millimeters</u>	<u>inches</u>
Suction line:	22	7/8"
Liquid line:	16	5/8"

R134a

Cooling capacity [W]

$t_a \setminus t_e$	15	10	5	0	-5	-10	-15
27	12 239	10 278	8 541	7 017	5 696	4 563	3 607
32	11 689	9 794	8 119	6 653	5 387	4 305	3 395
38	11 005	9 191	7 595	6 205	5 007	3 990	3 139
43	10 413	8 671	7 143	5 819	4 683	3 723	2 926

Test conditions: 10K superheat

 t_e - Evaporating temperature [°C] t_a - Ambient temperature [°C]

R404A/R507

Cooling capacity [W]

$t_a \setminus t_e$	10	5	0	-5	-10	-15	-20
27	14 575	12 608	10 805	9 170	7 701	6 397	5 254
32	13 507	11 661	9 980	8 458	7 095	5 887	4 830
38	12 173	10 480	8 946	7 563	6 330	5 241	4 290
43	11 022	9 462	8 047	6 783	5 660	4 673	3 815

Test conditions: 10K superheat

t_e - Evaporating temperature [°C]

t_a - Ambient temperature [°C]



