Mbsm.pro , Fn77q17g , 1/4Hp , Electrostar , R12 Refrigerator Compressors , 220V/50-60Hz , 1Ph ,for Refrigerator/Freezer

Category: Solutions,Tester ok
written by Jamila | 28 September 2018

Mbsm.pro , Fn77q17g , 1/4Hp , Electrostar , R12 Refrigerator Compressors , 220V/50-60Hz , 1Ph ,for Refrigerator/Freezer

PictureS Mbsm Dot Pro : www.mbsm.pro

1)SO60LKAA OR equivalent in 1/10 HP

2)FN43Q88G OR equivalent in 1/8 HP

3)FN51Q10G OR equivalent in 1/6 HP

4)FN57Q12G OR equivalent in 1/5 HP

5)FN66Q14G OR equivalent in 1/5 HP Powerful

6)FN77Q17G OR equivalent in 1/4 HP

7)FN91Q20G OR equivalent in 1/4 HP Powerful

8)FN110Q24G OR equivalent in 1/3 HP

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Compressor tests - Calorimeter

Type / Parameter		FN77Q17G 1)	QA77C17GAX5		QA91C22GAX5	
Evaporation temp.	[°C]	LBP -23,3	LBP -25 2)	-23,3	LBP -25	-23,3
Refrigerant		R12	R134a		R134a	
Qo						
CECOMAF	[W]		116,7		135	
ASHRAE	[W]	191		154,2		187,1
ASHRAE	[kcal/h]	165		132,6		161
P_1						
CECOMAF	[W]		144,1		166,4	
ASHRAE	[W]	180		148,4		171,4
COP						
CECOMAF	[W/W]		0,81		0,81	
ASHRAE	[W/W]	1,06		1,04		1,09
Start test						
cold tw = 32 °C		-	o.k		o.k	
warm tw = 100 °C		-	o.k		o.k	

1) Leaflet data, original compressor
2) average two compressors, measuring

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