

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

written by Jamila | 28 September 2018



PictureS Mbsm Dot Pro : www.mbsm.pro

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



PictureS Mbsm Dot Pro : www.mbsm.pro

- 1)S060LKAA 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



PictureS Mbsm Dot Pro : www.mbsm.pro

Compressor tests - Calorimeter

| Parameter | Type | 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



- 1) S060LKAA 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



Picture5 Mbsm Dot Pro : www.mbsm.pro



Private Picture Copyright : WWW.MBSM.PRO

**www.mbsm.pro, FN66Q14G
, Refrigerator Compressors,
equivalent in 1/5 HP ,R12,
Powerful**

written by Lilianne | 28 September 2018



www.mbsm.pro, FN66Q14G ,Refrigerator Compressors, equivalent
in 1/5 HP ,R12, Powerful