ISO 18501:2025-03 (E)

Performance rating of positive displacement refrigerant compressor

Contents

Page

Foreword ..... **iv**

1 Scope **1**

2 Normative references **1**

3 Terms and definitions **1**

4 Rating requirements **4**
4.1 General requirements 4
4.2 Rating conditions 4

5 Published rating **5**
5.1 General requirements 5
5.2 Individual published rating 6
5.3 Number of individual published ratings requirement 6
5.4 Polynomial equations 6
5.5 Published data 7
5.6 Application envelope 8

6 Tolerance **8**

7 Marking provisions **10**

Annex A (informative) **Method to handle zeotropic mixtures** **11**

Annex B (informative) **Superheat correction** **13**

Bibliography **14**