

1. Record Nr.	UNINA9910814427003321
Autore	Holland F. A.
Titolo	Thermodynamic design data for heat pump systems : a comprehensive data base and design manual / / F. A. Holland, F. A. Watson, S. Devotta
Pubbl/distr/stampa	Oxford : , : Pergamon Press, , 1982 ©1982
ISBN	1-4831-5497-1
Edizione	[First edition.]
Descrizione fisica	1 online resource (358 pages) : illustrations
Disciplina	621.402/5 621.4025
Soggetti	Heat pumps - Thermodynamics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front Cover; Thermodynamic Design Data for Heat Pump Systems: A Comprehensive Data Base and Design Manual; Copyright Page; PREFACE; ACKNOWLEDGEMENTS; Table of Contents; CHAPTER 1. Heat Pump Theory; INTRODUCTION; IDEAL RANKINE CYCLE HEAT PUMPS; DEVIATIONS FROM THE IDEAL RANKINE CYCLE; WORKING FLUIDS; GENERAL CONSIDERATIONS; REFERENCES FOR CHAPTER 1; CHAPTER 2. Derived Thermodynamic Data as a Basis for Design; EXAMPLE 2.1; EXAMPLE 2.2; COMMENT; REFERENCES FOR CHAPTER 2; APPENDIX 1. Derived Thermodynamic Design Data for Heat Pump Systems Operating on R718 APPENDIX 2. Derived Thermodynamic Design Data for Heat Pump Systems Operating on R114B2; APPENDIX 3. Derived Thermodynamic Design Data for Heat Pump Systems Operating on R113; APPENDIX 4. Derived Thermodynamic DesignData for Heat Pump SystemsOperating on R11; APPENDIX 5. Derived Thermodynamic Design Data for Heat Pump Systems Operating on R213; APPENDIX 6. Derived Thermodynamic Design Data for Heat Pump Systems Operating on R21; APPENDIX 7. Derived Thermodynamic Design Data for Heat Pump Systems Operating on R12B1 APPENDIX 8. Derived Thermodynamic Design Data for Heat Pump Systems Operating on R600; APPENDIX 9. Derived Thermodynamic Design Data for Heat Pump Systems Operating on R114; APPENDIX 10.

Derived Thermodynamic Design Data for Heat Pump Systems Operating on R506; APPENDIX 11. Derived Thermodynamic Design Data for Heat Pump Systems Operating on R142b; APPENDIX 12. Derived Thermodynamic Design Data for Heat Pump Systems Operating on R600a; APPENDIX 13. Derived Thermodynamic Design Data for Heat Pump Systems Operating on R717  
APPENDIX 14. Derived Thermodynamic Design Data for Heat Pump Systems Operating on R505; APPENDIX 15. Derived Thermodynamic Design Data for Heat Pump Systems Operating on RC318; APPENDIX 16. Derived Thermodynamic Design Data for Heat Pump Systems Operating on R12; APPENDIX 17. Derived Thermodynamic Design Data for Heat Pump Systems Operating on R500; APPENDIX 18. Derived Thermodynamic Design Data for Heat Pump Systems Operating on R290; APPENDIX 19. Derived Thermodynamic Design Data for Heat Pump Systems Operating on R22  
APPENDIX 20. Derived Thermodynamic Design Data for Heat Pump Systems Operating on R502; APPENDIX 21. Derived Thermodynamic Design Data for Heat Pump Systems Operating on R115;  
NOMENCLATURE; Greek letters; INDEX; Errata

---