

# Basic Refrigeration and Charging Procedures

This program provides the knowledge to accurately perform system installation, basic repair, and the information necessary to properly charge modern equipment.

## Training Manual

Item: RCP

ISBN: 1-930044-13-5

Copyright: 2002 | Retail: \$34.95

Basic Refrigeration and Charging Procedures is a 86 page manual that covers: refrigerant pressures, states and conditions, how they apply to the refrigeration system, vapor pressures, subcooling, superheat, saturation, latent heat, sensible heat, and the refrigeration cycle.

Basic system components, their functions and applications are included. Detailed explanations of each point in the refrigeration cycle will clarify questions the reader may have.

The spiral binding will allow students to tear out worksheets for grading by the instructor.



## Interactive Training CD Rom

Item: CDRCP

Retail: \$29.95

This interactive CD is an excellent training tool that fully describes and explains the refrigeration cycle.

## Certification

The 50-question end-of-course Employment Ready certification covers: AC&R theory, AC&R systems and components, air supply and delivery, refrigeration AC troubleshooting, refrigeration systems and components, refrigeration theory and application, special refrigeration system components, system charging.

\$25.00 Test Fee



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		Indoor Wet-Bulb Air Temperature													
		52	54	56	58	60	62	64	66	68	70	72	74	76	
Condenser Entering Air Temperature	65°F	6	10	13	16	19	21	24	27	30	33	36	38	41	
	70°F		7	10	13	16	19	21	24	27	30	33	36	39	
	75°F			6	9	12	15	18	21	24	28	31	34	37	
	80°F				5	8	12	15	18	21	25	28	31	35	
	85°F						8	11	15	19	22	26	30	33	
	90°F							5	9	13	16	20	24	27	31
	95°F								6	10	14	18	22	25	29
100°F									8	12	15	20	23	27	

To increase superheat remove refrigerant.

To decrease superheat add refrigerant.