

CONTENTS

1 SAFETY PRECAUTIONS	07
2 GENERAL INTRODUCTION	10
3 ACCESSORIES	11
• 3.1 Accessories supplied with the unit	11
• 3.2 Accessories available from supplier	11
4 BEFORE INSTALLATION	11
5 IMPORTANT INFORMATION FOR THE REFRIGERANT	12
6 INSTALLATION SITE	13
• 6.1 Selecting a location in cold climates	14
• 6.2 Selecting a location in hot climates	14
7 INSTALLATION PRECAUTIONS	15
• 7.1 Dimensions	15
• 7.2 Installation requirements	15
• 7.3 Drain hole position	16
• 7.4 Servicing space requirements	16
8 TYPICAL APPLICATIONS	18
• 8.1 Application 1	18
• 8.2 Application 2	20
• 8.3 Cascade system	23
• 8.4 Balance tank volume requirement	25
9 OVERVIEW OF THE UNIT	25
• 9.1 Disassembling the unit	25
• 9.2 Main components	26
• 9.3 Electronic control box	27
• 9.4 Water piping	36
• 9.5 Filling water	39
• 9.6 Water piping insulation	40
• 9.7 Field wiring	40
10 START-UP AND CONFIGURATION	54
• 10.1 DIP switch settings overview	54