

|  |                   |
|--|-------------------|
| Project Highlights .....                   | 4                 |
| Warranty .....                             | 5                 |
| Winters Platinum Service .....             | 6                 |
| Repairs and Test Certificates .....        | 7                 |
| Custom Dials .....                         | 8                 |
| How to Order Guide .....                   | 9                 |
| Winters Approvals/Certifying Agencies..... | 236               |
| Pressure Conversion Table .....            | Inside Back Cover |

### *Selection Guides*

|                       |     |
|-----------------------|-----|
| Pressure Gauges ..... | 10  |
| Diaphragm Seals ..... | 151 |
| Thermometers .....    | 171 |

## PRESSURE

|                                   |   |  |                                     |    |
|-----------------------------------|---|--|-------------------------------------|----|
| <i>Process Gauges</i>             | <b>PPC</b>                                      | Process Gauge .....  | 11                                  |    |
|                                   | <b>PRC</b>                                      | Receiver Gauge .....   | 13                                  |    |
|                                   | <b>PSG</b>                                      | Schaeffer Gauge .....  | 14                                  |    |
|                                   | <b>PTR</b>                                      | Tamper Resistant Process Gauge.....                                    | 16                                  |    |
| <i>StabiliZR™ Gauges</i>          | <b>PFP-ZR</b>                                   | Premium Stainless Steel StabiliZR™ Gauge.....                          | 18                                  |    |
|                                   | <b>PFQ-ZR</b>                                   | StabiliZR™ Stainless Steel Gauge .....                                 | 22                                  |    |
|                                   | <b>PN2-ZR</b>                                   | NACE StabiliZR™ Gauge - MR0175-2002 .....                              | 25                                  |    |
|                                   | <b>PPC-ZR</b>                                   | StabiliZR™ Process Gauge .....   | 27                                  |    |
| <i>Industrial Gauges</i>          | <b>P1S</b>                                      | 100 Series Gauge .....   | 30                                  |    |
|                                   | <b>P3S</b>                                      | 300 Series Gauge .....   | 33                                  |    |
|                                   | <b>PBC</b>                                      | Forged Brass Case Gauge.....   | 36                                  |    |
|                                   | <b>PCC</b>                                      | Colour Coded Gauge .....   | 38                                  |    |
|                                   | <b>PCT/PCT-LF</b>                               | Contractor/Lead Free Contractor Gauge.....                             | 40                                  |    |
|                                   | <b>PFP</b>                                      | Premium Stainless Steel Liquid Filled Gauge.....                       | 41                                  |    |
|                                   | <b>PFP</b>                                      | Premium Stainless Steel Liquid Filled Gauge for<br>Panel Mounting..... | 47                                  |    |
|                                   | <b>PFQ/PFQ-LF</b>                               | Stainless Steel/Lead Free Stainless Steel Liquid Filled Gauge..        | 49                                  |    |
|                                   | <b>PN2</b>                                      | NACE Liquid Filled Gauge - MR0175-2002 .....                           | 59                                  |    |
|                                   | <b>PSC</b>                                      | Safety Case Gauge .....  | 61                                  |    |
|                                   | <b>PTG</b>                                      | Test Gauge .....   | 63                                  |    |
|                                   | <b>PTS</b>                                      | Tube Stub Gauge .....  | 65                                  |    |
|                                   | <i>Economy Gauges</i>                           | <b>P9S</b>   | 90 Series Gauge .....               | 67 |
|                                   |   | <b>P9U</b>   | 90 Series Panel Mounted Gauge ..... | 70 |
| <b>PEM/PEM-LF</b>                 |   | Economy/Lead Free Economy Gauge .....                                  | 73                                  |    |
| <b>PEU</b>                        |   | Economy Panel Mounted Gauge .....                                      | 76                                  |    |
| <i>Differential Gauges</i>        | <b>PDT</b>                                      | Differential Gauge.....  | 78                                  |    |
|                                   | <b>PDX</b>                                      | Duplex Gauge.....  | 80                                  |    |
|                                   | <i>High Static Pressure Differential Gauges</i> |  |                                     |    |
|                                   | <b>PPD</b>                                      | Piston Gauge.....  | 82, 84                              |    |
|                                   | <b>PRD</b>                                      | Rolling Diaphragm Gauge .....  | 82, 85                              |    |
|                                   | <b>PSD</b>                                      | Small Convoluted Diaphragm Gauge.....                                  | 82, 86                              |    |
|                                   | <b>PVD</b>                                      | Convoluted Diaphragm Gauge.....  | 82, 87                              |    |
| <i>Sanitary Gauges</i>            | <b>PAG</b>                                      | 3A Premium Pharmaceutical & Sanitary Gauge .....                       | 88                                  |    |
|                                   | <b>PSQ</b>                                      | 3A All-Purpose Quality Sanitary Gauge .....                            | 90                                  |    |
| <i>Compressed Gas Gauges</i>      | <b>PCG</b>                                      | Compressed Gas Gauge.....  | 93                                  |    |
|                                   | <b>PRL</b>                                      | Regulator Gauge .....  | 94                                  |    |
|                                   | <b>PWL</b>                                      | Welding Gauge.....   | 96                                  |    |
| <i>Special Application Gauges</i> | <b>DPG</b>                                      | Digital Pressure Gauge .....   | 98                                  |    |
|                                   | <b>PAM</b>                                      | Ammonia Gauge.....   | 99                                  |    |
|                                   | <b>PFE</b>                                      | Sprinkler Gauge.....   | 102                                 |    |
|                                   | <b>PFG</b>                                      | Refrigeration Gauge .....  | 103                                 |    |
|                                   | <b>PLP</b>                                      | Low Pressure Gauge.....  | 105                                 |    |
|                                   | <b>PTB</b>                                      | Turbine Gauge.....   | 108                                 |    |
| <i>Kits</i>                       | <b>PET/PET-LF</b>                               | Economy Test/Lead Free Economy Test Gauge.....                         | 109                                 |    |
|                                   | <b>PLT</b>                                      | Low Pressure Test Kit.....   | 111                                 |    |
|                                   | <b>PTK</b>                                      | Pressure and Temperature Kit.....                                      | 112                                 |    |

# Table of Contents



|                              |   |  |            |            |
|------------------------------|---|--|------------|------------|
| <i>Pressure Transmitters</i> | <b>LE1</b>                                      | OEM Transmitter .....                                | 114        |            |
|                              | <b>LE3</b>                                      | General Purpose Transmitter .....                    | 116        |            |
|                              | <b>LIM</b>                                      | Aggressive Media Transmitter .....                   | 118        |            |
|                              | <b>LIS</b>                                      | Intrinsically Safe Transmitter .....                 | 120        |            |
|                              | <b>LLP</b>                                      | Low Pressure Transmitter .....                       | 122        |            |
|                              | <b>LM1</b>                                      | Anti-Clogging Submersible Transmitter .....          | 124        |            |
|                              | <b>LM3</b>                                      | Slim Line All-Purpose Submersible Transmitter .....  | 125        |            |
|                              | <b>LM6</b>                                      | All Stainless Steel Submersible Transmitter .....    | 126        |            |
|                              | <b>LM7</b>                                      | General Purpose Submersible Transmitter .....        | 127        |            |
|                              | <b>LMH</b>                                      | Hydraulic Transmitter .....                          | 128        |            |
|                              | <b>LST</b>                                      | 3A Sanitary Transmitter .....                        | 130        |            |
|                              | <b>LTD</b>                                      | Differential Transmitter .....                       | 131        |            |
|                              | <b>LTF</b>                                      | Flush Mount Transmitter .....                        | 134        |            |
|                              | <b>LXP</b>                                      | Explosion Proof Transmitter .....                    | 136        |            |
| <i>Pressure Switches</i>     | <b>2WPS</b>                                     | General Purpose Pressure Switch .....                | 139        |            |
|                              | <b>3WPS</b>                                     | Industrial Pressure Switch .....                     | 141        |            |
|                              | <b>4WPS</b>                                     | Low Pressure Diaphragm Pressure Switch .....         | 143        |            |
|                              | <b>5WPS</b>                                     | Differential Pressure Switch .....                   | 146        |            |
|                              | <b>9WPS</b>                                     | Explosion Proof Compact Pressure Switch .....        | 148        |            |
| <i>Diaphragm Seals</i>       | <b>D10</b>                                      | #10 PVC Diaphragm Seal .....                         | 152        |            |
|                              | <b>D15</b>                                      | #15 Diaphragm Seal .....                             | 153        |            |
|                              | <b>D20</b>                                      | #20 Diaphragm Seal .....                             | 154        |            |
|                              | <b>D30</b>                                      | #30 Diaphragm Seal .....                             | 155        |            |
|                              | <b>D40</b>                                      | #40 Diaphragm Seal .....                             | 156        |            |
|                              | <b>D44</b>                                      | #80 Flanged Diaphragm Seal (PTFE) .....              | 157        |            |
|                              | <b>D44</b>                                      | #80 Flanged Diaphragm Seal (Welded) .....            | 159        |            |
|                              | <b>D46</b>                                      | Flanged Flush Mount Seal .....                       | 161        |            |
|                              | <b>D70</b>                                      | #70 Diaphragm Seal .....                             | 162        |            |
|                              | <b>D71</b>                                      | #70 NACE Diaphragm Seal (Hastelloy® C) .....         | 164        |            |
|                              | <b>D71</b>                                      | #70 NACE Diaphragm Seal (Monel®) .....               | 165        |            |
|                              | <b>D81</b>                                      | #60 Isolation Ring .....                             | 166        |            |
|                              | <b>D85</b>                                      | In Line Flow Thru Seal .....                         | 168        | <b>NEW</b> |
| <b>D90</b>                   | Saddle Weld Seal .....                          | 169  |            |            |
| <b>TEMPERATURE</b>           |   |  |            |            |
| <i>Thermometers</i>          | <b>TAG</b>                                      | HVAC Gold Case Thermometer .....                     | 172        |            |
|                              | <b>TAS/TAS-LF</b>                               | Industrial/Lead Free Industrial 5" Thermometer ..... | 174        |            |
|                              | <b>TBM</b>                                      | Bi-Metal Thermometer .....                           | 176        |            |
|                              | <b>TBT</b>                                      | HVAC Bi-Metal Thermometer .....                      | 181        |            |
|                              | <b>TCT</b>                                      | Clamp-On Thermometer .....                           | 182        |            |
|                              | <b>THR</b>                                      | HVAC Remote Reading Thermometer .....                | 183        |            |
|                              | <b>THS</b>                                      | Solar Digital Bi-Metal Thermometer .....             | 185        |            |
|                              | <b>TIM/TIM-LF</b>                               | Industrial/Lead Free Industrial 9" Thermometer ..... | 186        |            |
|                              | <b>TMT</b>                                      | Surface Magnet Thermometer .....                     | 188        |            |
|                              | <b>TNR</b>                                      | Food & Beverage Bi-Metal Thermometer .....           | 189        |            |
|                              | <b>TRR</b>                                      | Gas or Vapour Remote Reading Thermometer .....       | 190        |            |
|                              | <b>TSD</b>                                      | Industrial Solar Digital Thermometer .....           | 196        |            |
|                              | <b>TSW/TSW-LF</b>                               | Hot Water/Lead Free Hot Water Thermometer .....      | 198        |            |
|                              | <b>TTD</b>                                      | Tridicator .....                                     | 200        |            |
| <i>Thermowells</i>           | <b>TBR</b>                                      | Bi-Metal Threaded Thermowell .....                   | 202        |            |
|                              | <b>TDF</b>                                      | Duct Flange .....                                    | 206        |            |
|                              | <b>TIW/TIW-LF</b>                               | Industrial/Lead Free Industrial Thermowell .....     | 207        |            |
|                              | <b>TSN</b>                                      | Sanitary Thermowell .....                            | 209        |            |
|                              | <b>TST</b>                                      | Tridicator Shut-off Thermowell .....                 | 210        |            |
|                              | <b>TWF</b>                                      | Flanged Threaded Thermowell .....                    | 211        |            |
|                              | <b>TWS</b>                                      | Socket Weld Bi-Metal Thermowell .....                | 212        |            |
|                              | <b>TWW</b>                                      | Weld-In Threaded Thermowell .....                    | 213        |            |
| <b>ACCESSORIES</b>           |   |  |            |            |
| <b>FIR</b>                   | Isolation Ring Tees .....                       | 214  |            |            |
| <b>NVA</b>                   | Needle Valve (Straight Body, Hard Seat) .....   | 215  | <b>NEW</b> |            |
| <b>NVA</b>                   | Needle Valve (Angle Body, Hard Seat) .....      | 217  | <b>NEW</b> |            |
| <b>NVA</b>                   | Needle Valve (Straight Body, Soft Seat) .....   | 219  | <b>NEW</b> |            |
| <b>NVA</b>                   | Needle Valve (Multiport) .....                  | 220  | <b>NEW</b> |            |
| <b>BBV</b>                   | Block & Bleed Valve Single Handle .....         | 222  | <b>NEW</b> |            |
| <b>BBV</b>                   | Block & Bleed Valve Two Handles .....           | 224  | <b>NEW</b> |            |
| <b>BBV</b>                   | Double Block & Bleed Valve .....                | 226  | <b>NEW</b> |            |
| <b>SAS</b>                   | Adjustable Snubber .....                        | 228  |            |            |
| <b>SCT</b>                   | Cooling Tower .....                             | 229  |            |            |
| <b>SMV/SMV-LF</b>            | Mini Ball Valve/Lead Free Mini Ball Valve ..... | 230  |            |            |
| <b>SNV/SNV-LF</b>            | Needle Valve/Lead Free Needle Valve .....       | 231  |            |            |
| <b>SOP</b>                   | Over Pressure Protector .....                   | 232  |            |            |
| <b>SSN/SSN-LF</b>            | Snubber/Lead Free Snubber .....                 | 233  |            |            |
| <b>SSP</b>                   | Syphon .....                                    | 234  |            |            |
| <b>STP/STP-LF</b>            | Test Plug/Lead Free Test Plug .....             | 235  |            |            |