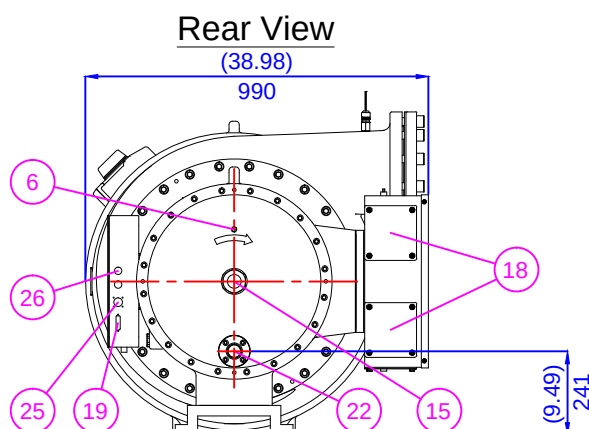
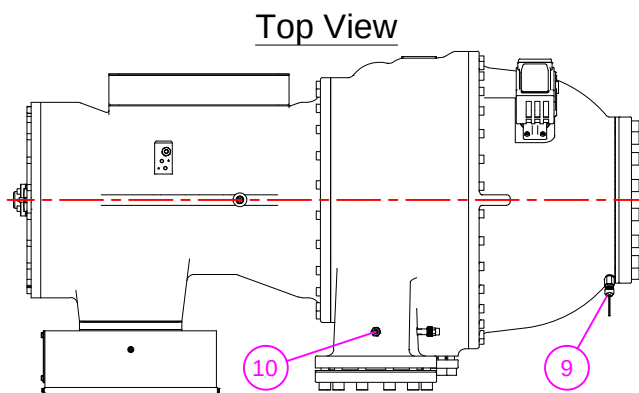
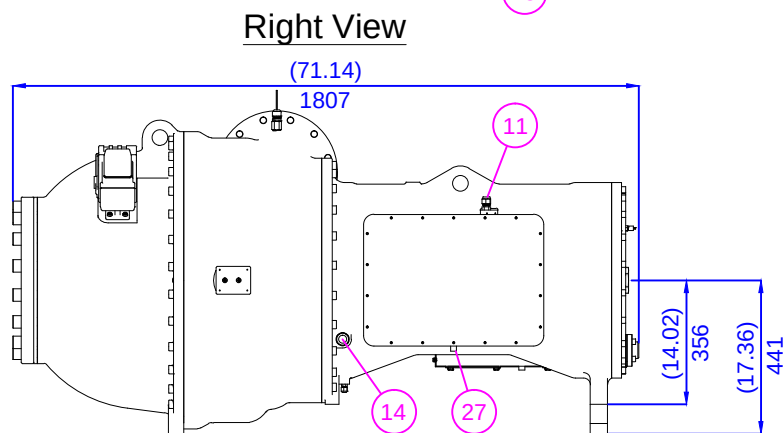
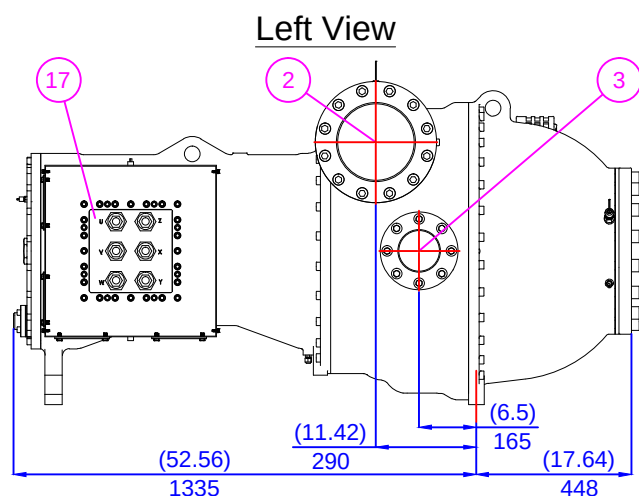
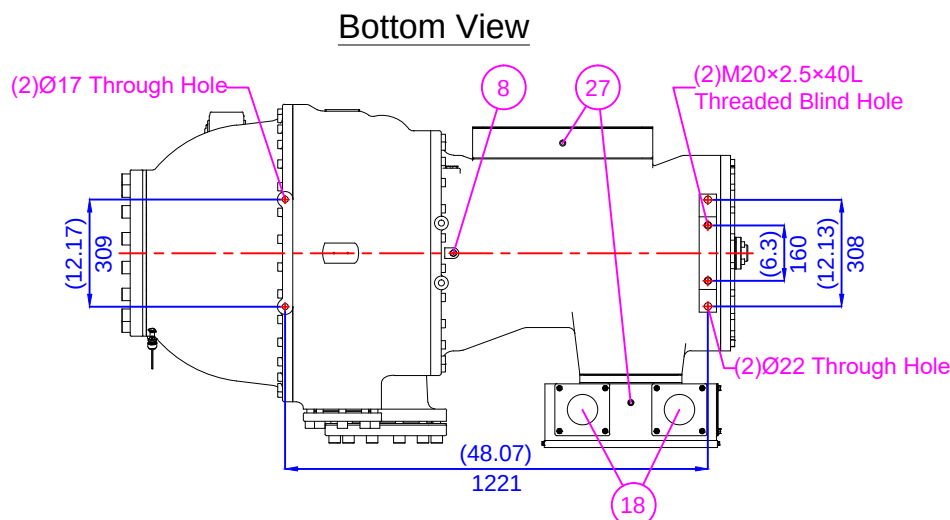
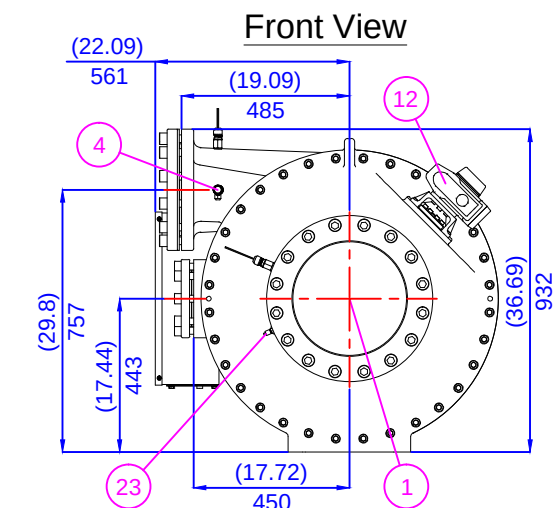


| No. | Name                           | Specification | No. | Name                               | Specification |
|-----|--------------------------------|---------------|-----|------------------------------------|---------------|
| 1   | Suction Port Flange            | 12"           | 15  | Sight Glass (Motor Direction)      |               |
| 2   | Discharge Port Flange          | 8"            | 16  | Not Used                           |               |
| 3   | Economizer Port Flange         | 4"            | 17  | Motor Power Terminal               | 7/8"-14 UNC   |
| 4   | Discharge Pressure Sensor Port | 1/4" FL       | 18  | Motor Power Enclosure Knockout     | φ114          |
| 5   | Not Used                       |               | 19  | Motor Temperature Sensor Connector | 6*PT100       |
| 6   | Motor Pressure Sensor Port     | 1/4" CV       | 20  | Bearing Cable Connector (X1C1)     |               |
| 7   | Not Used                       |               | 21  | Bearing Cable Connector (X2C2)     |               |
| 8   | Bearing Cooling Outlet         | 1/4" FL       | 22  | Bearing Cooling Outlet             | 1-1/2" FL     |
| 9   | Discharge Temperature, Td      | PT-100        | 23  | Suction Pressure Sensor Port       | 1/4" FL       |
| 10  | Not Used                       |               | 24  | Suction Temperature Sensor Port    | MCS-T100      |
| 11  | Motor Cooling (Inlet/Liquid)   | 1/2" FL       | 25  | AMBD Power Connector               | 4P 150VDC     |
| 12  | Actuator                       | 220V, 50/60Hz | 26  | Modbus Connection                  | RJ45          |
| 13  | Not Used                       |               | 27  | Drain Port                         | 1/4" PS       |
| 14  | Sight Glass (Refrigerant)      |               |     |                                    |               |



UNIT  
Imperial: (in)  
SI: mm



|                                        |                                                                                     |                                                                                             |      |     |  |                                                                                                                     |            |
|----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------|-----|--|---------------------------------------------------------------------------------------------------------------------|------------|
| Micro Control Systems, Inc.            | Model                                                                               | RTM-180 DT                                                                                  |      |     |  | Dimensional Outline Drawing & Component Description<br>for Stepless or Modulating-Type Capacity Control Application |            |
| 5877 Enterprise Parkway                | Name                                                                                | Compressor outline                                                                          |      |     |  | Hanbell Model                                                                                                       | RTM-180 DT |
| Fort Myers, Florida 33905              |                                                                                     |                                                                                             |      |     |  | Date                                                                                                                | 01/05/2026 |
| Tel. (239) 694-0089 Fax (239) 694-0031 |                                                                                     |                                                                                             |      |     |  | Drawn By                                                                                                            | ILM        |
| E-mail: compressors@mcsccontrols.com   |  |  HANBELL | Ver. | 2.0 |  |                                                                                                                     |            |