Interactive Room Layout

Exam Room View

Click and drag mouse over image to pan around the room

Control Room View

Standard Room

Magnetic Resonance Video

Play

Stop

Achieva Quasar 3.0T

Go to General System Requirements
General System Requirements

**Environmental**
- **Examination Room:**
  - Operating Temperature: 68° - 75° F (20° - 24° C)
  - Relative Humidity: 40% to 60%, non-condensing
  - Air Conditioning Capacity: 6800 btu/hr (2 kW)
- **Equipment Room:**
  - Operating Temperature: 59° - 75° F (15° - 24° C)
  - Relative Humidity: 30% to 70%, non-condensing
  - Air Conditioning Capacity (standby): 6800 btu/hr (2 kW)
- **Control Room:**
  - Operating Temperature: 64° - 75° F (18° - 24° C)
  - Relative Humidity: 30% to 70%, non-condensing
  - Air Conditioning Capacity: 1700 btu/hr (0.5 kW)

**Primary Coolant**
- Quality: Potable Tap Water
- pH: 6.0 - 8.0
- CaCO3: < 250 ppm
- Chlorine: < 200 ppm
- Suspended Matter: < 10 mg/L < 100 micron particle size
- Cooling Liquid Inlet: 43° - 59° F (6° - 15° C)
- Maximum Flow Allowed: 23.8 GPM (90 L/min)
- Maximum Primary Cooling Liquid Pressure: 87 PSI (6 Bar)
- Temperature Stability: +/- 3.6°F (+/- 2°C)
- Ethylene Glycol Concentration: 35% Recommended
- Heat dissipation: 23,900 - 136,600 btu/hr (7 - 40 kW)

**Controlled Zone**
- Exclusion zone for persons with cardiac pacemakers or other electrical implants - Magnetic field exceeds 5 Gauss (0.5 mT).

**Remote Service Diagnostics**
Medical imaging equipment to be installed by Philips is equipped with a service diagnostic feature which allows for remote and on-site service diagnostics. To establish this feature, a RJ45 type Ethernet: 10/100/1000 Mbit network connector must be installed. Access to customer’s network via their remote access server is needed for Remote Service Network (RSN) connectivity. All costs with this feature are the responsibility of the customer.

**Power**
- Supply Configuration: 3 phase, 3-wire power, and ground
- Nominal Line Voltage: 208, 240, 480 VAC, 60 Hz
- Branch Power Requirement: 60 kVA
- Circuit Breaker: 3 poles, 80A (480VAC)