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

Go to General System Requirements
Interactive Room Layout

Exclusively by Philips Healthcare

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/h (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/h (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)
Temperature Stability: ± 3.6°F (+/- 2°C)
Ethylene Glycol Concentration: 33% 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, 480VAC, 60 Hz
Branch Power Requirement: 60 kVA
Circuit Breaker: 3 pole, 80A (480VAC)