

Project details

Project name: _____
 Project location: _____
 Volts / Phase: _____
 Number of spectators: _____

Design conditions

Room air temp: _____ °F _____ % R.H.
 Summer outside air: _____ °F dB _____ °F wB
 Winter outside air: _____ °F dB _____ °F wB

Pool room details

Room length: _____ ft Room volume: _____ ft³
 Room width: _____ ft Area of external glass: _____ ft²
 Room height: _____ ft
 Winter room structural heat loss: _____ Mbtu Excluding outside air
 Summer heat gain load: _____ Mbtu Excluding outside air

Pool water details

	Pool #1	Pool #2	Pool #3	Pool #4
Type of pool:	_____	_____	_____	_____
Pool length:	_____ ft	_____ ft	_____ ft	_____ ft
Pool width:	_____ ft	_____ ft	_____ ft	_____ ft
Pool surface area:	_____ ft ²	_____ ft ²	_____ ft ²	_____ ft ²
Pool water temperature:	_____ °F	_____ °F	_____ °F	_____ °F
Number of simultaneous bathers:	_____	_____	_____	_____

Ventilation rates

Supply air: _____ cfm External resistance: _____ inWG
 Outside air: _____ cfm External resistance: _____ inWG

System format

Unit location: Inside Outside Unit format: Vertical Horizontal

Dehum method: Refrigeration Outside air Both Room air heating: Hot water Electric Steam Gas

Unit capability: Integral exhaust air fan Air to air heat recovery Primary pool water heating Purge Economizer

Heat rejection: Room air reheat Pool water Remote air cooled condenser Remote air cooled fluid cooler External water circuit Integral air cooled condenser Chilled water air coil

Notes

