



NATATORIUM INSTALLATION SUMMARY

Date: _____

Facility

Facility Name: _____

Address: _____

Owner: _____

Address: _____

Facility General Manager: _____

Phone / Email: _____

Facility Maintenance Manager: _____

Phone / Email: _____

Pool

Describe facility (Use grid on other side for drawing): _____

Dehumidifier / Air Handler

Manufacturer Name: _____

Model No: _____ Year Installed: _____

Description: _____

Other Information

Who performs quarterly maintenance? _____

What mechanical contractor services this facility? _____

Other comments (include any operational issues and if chemical smell present): _____

INSTALLATION SUMMARY

Pool Room Design Detail

Pool #1 _____ sq ft

Water Temp. 1st Pool _____ °F

Describe type of use of pool: _____

Pool Room Design Detail

Pool #2 _____ sq ft

Water Temp. 1st Pool _____ °F

Describe type of use of pool: _____

Pool Room Design Detail

Pool #3 _____ sq ft

Water Temp. 1st Pool _____ °F

Describe type of use of pool: _____

Indoor Air Design Details

Room Design Temp _____ °F

Is there a separate spectator area? _____ (Y/N)

If yes, _____ sq/ft or #pp

Outdoor Air Design Details

Gross Room volume: _____ cu ft

Design Code Ventilation: _____ cfm

Design Spectator Ventilation: _____ cfm

Sketch layout w/supply duct and return locations



Locker Room DOAS

Locker Room Dimensions

	Lg	Wt	Sq Ft	# Toilets
Mens				
Womens				
Totals				

Auxiliary Heat

- Electric
 - HWC
 - Gas
 - Geothermal
- _____ °F water temp

Ventilation Calculation

	Sq ft x 0.5 cfm/sq ft =		cfm
	# Toilets x 50 cfm/toilet =		cfm
	% Pressurization (typical 10%) =		cfm
	OAS Total		cfm

Return Air

- Available to DOAS
- Cannot return to DOAS
- Gravity dampers

Existing System

Type of DOAS: _____

Manufacturer: _____

Model: _____

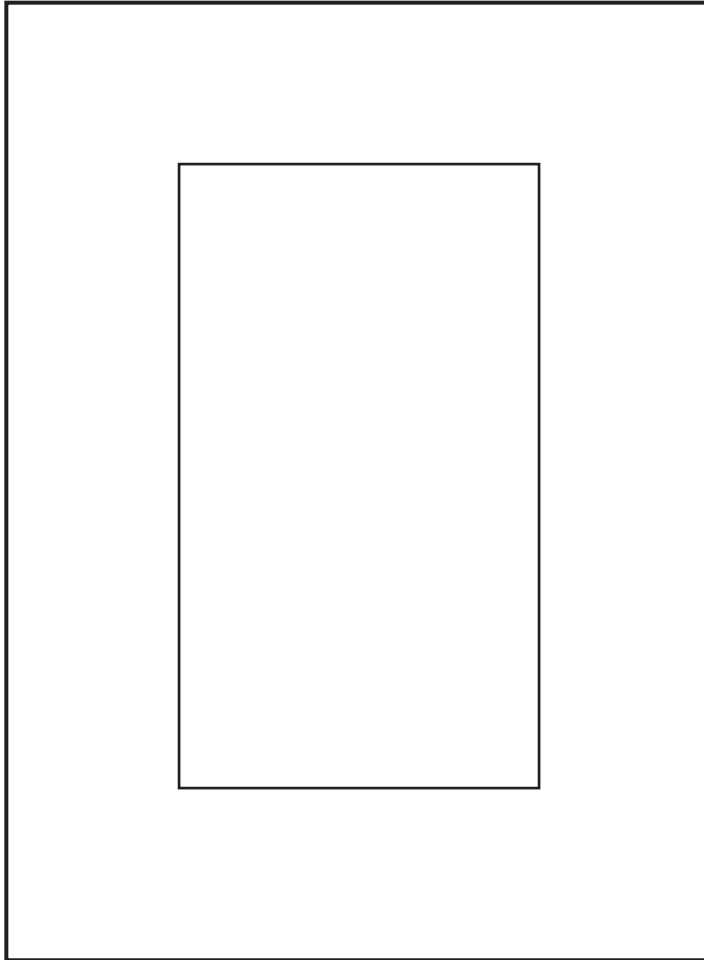
Air Volume cfm: _____

Description:

1. Installation Date of existing locker room system _____
2. Any operational issues with the current system _____
3. Has the current system maintained a dry and comfortable environment in the locker rooms? Yes No
4. Any Mold or Mildew problems in the space? Yes No
 - a. If so does this coincide with specific outdoor air conditions? _____

Sketch layout w/supply duct and return locations

Pool Plan View



Symbol Legend

S/A Duct ●●●●●●

R/A Grill ■■■■■■

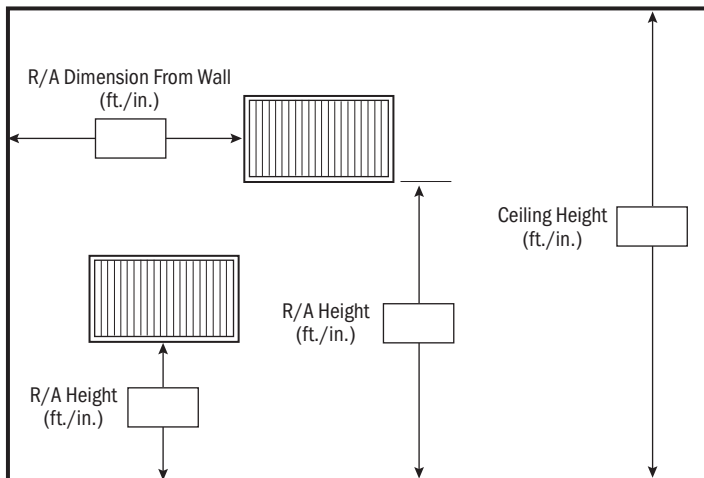
Unit Location Dehum

Door Location

Outside Wall ++++++

Spectator Seating

R/A Grill Location (Wall View)



Indicate Grill Locations and Height on Wall

INSTALLATION SUMMARY - DUCT PLAN

Dehumidify With the Experts www.desert-aire.com

