

MECHANICAL COMPLIANCE SUMMARY

2021 WSEC Compliance Forms for Commercial Buildings including Group R1, R2, and Group R3 & R4 over 3 storiesAdministered by: ©2021 NEEA, All rights reserved

Project & Applicant Information

Project Title

Project Address

Applicant Name

Applicant Phone

Applicant Email

Planet Fitness - Puyallup - 2021 WSEC

4102 S Meridian
Puyallup, WA 98373

Patrick McMore

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For Building Department Use:

PRCTI20250853

Full-Sized legible color report must be on site and made available by the Permittee for all inspections.

Date: Jun 2, 2025

General Occupancy

General Project Types

Mechanical Project Description

All Commercial

Alteration

Tenant renovation for a new fitness center (Planet Fitness)

General Building Use Type(s)

Alteration Mechanical Scope

Entmt/Assembly, Fitness/Health Club

Single Zone Systems & Equipment

Building Cond. Floor Area

Project Cond. Floor Area

Floors Above Grade

Overall Compliance Path

19,781

19,781

1

General Prescriptive

Mechanical Compliance Scope and Method

Additional Energy Efficiency Measures (AEM)

Does building include occupancy classifications requiring DOAS?

Based on project scope do TSPR requirements apply?

Project Type

No mechanical additional energy efficiency measures included in project

Yes

No

Mechanical Scope

Economizer Exception(s) Applied?

DOAS Ventilation Provided?

Load Management Measures (LDM)

Does project include DOAS equipment?

Do all systems comply with Appendix D standard reference design or qualify for an exception to TSPR?

Alteration

Yes

Yes

No mechanical load management measures included in project

Yes

No

COMPLIES

Scope & Space Conditioning

ALTERATION - SINGLE ZONE SYSTEMS & EQUIPMENT

Compliance Verification

COMPLIES

Single Zone Air Systems Category - Dedicated outside air system (DOAS)

Air Systems Summary Information

System/Equip ID

Paired with other Systems/Equip

Ventilation Airflow Control

Ventilation Standard

Ventilation CFM

Ventilation energy recovery

Energy Recovery Efficiency (%)

DOAS-1

Paired w/ multiple systems and/or equipment

Variable air volume

ASHRAE Standard 62.1

4400

Yes per C403.3.5.1 DOAS ER

71

Air Systems & Equipment - Cooling

System/Equip ID

Cooling System/Equip Type

Specific Type

Cooling Capacity (Btu/h)

Econo Exception Multiplier (Full)

Required Cooling Efficiency (Code Min + Econo)

Proposed Cooling Efficiency

CE Units

Efficiency Compliance Verification

DOAS-1

DX-DOAS heat pump, air cooled

With energy recovery

232,900

0

5.2

5.2

ISMRE

COMPLIES

Air Systems & Equipment - Heating

System /Equip ID

Heating System/Equip Type

Specific Type

Heating Output Capacity (Btu/h)

Heat Pump Heating Capacity (Btu/h)

Cooling Capacity (Btu/h) (Identical to Cooling Table)

Required Heat Pump Heating Efficiency

Proposed Heat Pump Heating Efficiency

HPH Units

Efficiency Compliance Verification

DOAS-1

DX-DOAS heat pump, air cooled, heating

With energy recovery

0

185,600

232,900

3.3

3.3

ISCOP

COMPLIES

Air Systems & Equipment Details

System/Equip ID

Discrete Area(s) Served

Location In Project Documents - Plan/Detail #

System/Equip Compliance Path

DOAS-1

Functional/Stretching, Open Gym, Black Card

M101, M201

General Prescriptive

WSEC Equip Efficiency Reference Table - Cooling: Table C403.3.2(12&13) DX-DOAS Units, With & Without ER

Economizer Compliance Method: Air-side economizer provided

WSEC Equip Efficiency Reference Table - Heating: Table C403.3.2(12&13) DX-DOAS Units, With & Without ER

Single Zone Air Systems Category - Heat pump, split & single package, SC, SDHV

Air Systems Summary Information

System/Equip ID

Quantity of Items

Supply Airflow Control

Ventilation Standard

Ventilation CFM (Total if Multiple Items)

Ventilation Air Source

Paired with DOAS

Ventilation energy recovery

Energy Recovery Efficiency (%)

RTU-4

Variable air volume

ASHRAE Standard 62.1

Separate DOAS

DOAS-1

Not provided, not required

Air Systems & Equipment - Cooling

System/ Equip ID	Cooling System/Equip Type	Specific Type	Cooling Capacity per item (Btu/h)	Econo Exception Multipliers (Full/IPLV)		Required Cooling Efficiency (Code Min + Econo)	Required Part Load Efficiency (Code Min + Econo)	Proposed Cooling Efficiency	CE Units	Proposed Part Load Efficiency	PL Units	Efficiency Compliance Verification
RTU-4	Heat pump, air cooled	Single package	49,940	0	0	13.4	0	16	SEER2		IEER	COMPLIES

Air Systems & Equipment - Heating												
System /Equip ID	Heating System/Equip Type	Specific Type	Heat Pump Heating Capacity per item (Btu/h)	Cooling Capacity per Item (Btu/h) (Identical to Cooling Table)	Required Heat Pump Heating Efficiency	Required Low OSA Temp Efficiency	Proposed Heat Pump Heating Efficiency	HPH Units	Proposed Low OSA Temp Efficiency	LTH Units	Efficiency Compliance Verification	
RTU-4	Heat pump, air cooled, heating	Single package	44,340	49,940	6.7	0	7.2	HSPF2		COP	COMPLIES	

Air Systems & Equipment Details			
System/Equip ID	Discrete Area(s) Served	Location In Project Documents - Plan/Detail #	System/Equip Compliance Path
RTU-4	Lockers	M101, M201	
	WSEC Equip Efficiency Reference Table - Cooling: <i>Table C403.3.2(2) Unitary Heat Pumps</i>		
	Economizer Compliance Method: <i>Air-side economizer provided</i>		Heating Section/Auxiliary Heating Type: <i>Electric resistance (or None)</i>
	WSEC Equip Efficiency Reference Table - Heating: <i>Table C403.3.2(2) - Unitary Heat Pumps</i>		
	LTH Units: <i>COP</i>		
	Proposed Low OSA Temp Efficiency:		