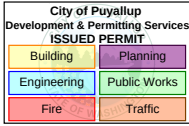


MECHANICAL COMPLIANCE SUMMARY

2021 WSEC Compliance Forms for Commercial Buildings including Group R1, R2, and Group R3 & R4 over 3 stories

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Project & Applicant Information 	Project Title	SHBTC BLDG C-REPLACE HP-1 - 2021 WSEC	For Building Department Use:	Date: Oct 7, 2025
	Project Address	1015 39TH AVE SE Puyallup, WA 98374	PRMH20251340	
	Applicant Name	Quincy Buschbach	Full-Sized legible color report must be on site and made available by the Permittee for all inspections.	
	Applicant Phone	503-205-8859		
	Applicant Email	quincy.buschbach@macmiller.com		

Mechanical Compliance Summary Scope - Compliance verification provided in this report is limited to code minimum efficiency requirements for mechanical equipment types defined in Tables C403.3.2(1) through C403.3.2(16) of the 2021 WSEC-C. This includes efficiency multipliers for economizer exceptions. Performance criteria for additional energy efficiency and load management measures ARE NOT included in this report. Additional documentation is required to demonstrate compliance with all other provisions of the energy code, including better than code efficiency criteria for Section C406. For questions about this report, contact WSEC Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com.

General Occupancy	All Commercial		General Building Use Type(s)	Office, Professional Services		Building Cond. Floor Area	184,900
General Project Types	Alteration	New Building or Addition Mechanical Scope		Alteration Mechanical Scope	Single Zone Systems & Equipment	Project Cond. Floor Area	184,900
						Floors Above Grade	2
						Overall Compliance Path	General Prescriptive
Mechanical Project Description	DEMO AND REPLACE EXISTING ROOFTOP HEAT PUMP.						

Mechanical Compliance Scope and Method	Project Type	Mechanical Scope	Economizer Exception(s) Applied?	DOAS Ventilation Provided?		Equipment Efficiency Compliance Verification
	Alteration	Single Zone Systems & Equipment	Yes	No		COMPLIES
Additional Energy Efficiency Measures (AEM)	No mechanical additional energy efficiency measures included in project			Load Management Measures (LDM)	No mechanical load management measures included in project	
Does building include occupancy classifications requiring DOAS?			No	Does project include DOAS equipment?		No
Based on project scope do TSPR requirements apply?			No	Do all systems comply with Appendix D standard reference design or qualify for an exception to TSPR?		No

Scope & Space Conditioning	ALTERATION - SINGLE ZONE SYSTEMS & EQUIPMENT	Compliance Verification	COMPLIES
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Single Zone Air Systems Category - Heat pump, packaged (PTHP, SPVHP, Room)

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 (%)
HP-1		Variable air volume	IMC Ventilation	8020	Integral			

Air Systems & Equipment - Cooling									
System/Equip ID	Cooling System/Equip Type	Specific Type	Cooling Capacity per item (Btu/h)	Econo Exception Multiplier (Full)	Required Cooling Efficiency (Code Min + Econo)	Proposed Cooling Efficiency	CE Units	Efficiency Compliance Verification	
HP-1	Heat pump, terminal (PTHP)	Packaged terminal HP, standard size	241,000	0	0			COMPLIES	

Air Systems & Equipment - Heating									
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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	Proposed Heat Pump Heating Efficiency	HPH Units	Efficiency Compliance Verification
HP-1	Heat pump, terminal (PTHP), heating	Packaged terminal HP, standard size	157,000	241,000	0			COMPLIES

Air Systems & Equipment Details			
System/Equip ID	Discrete Area(s) Served	Location In Project Documents - Plan/Detail #	System/Equip Compliance Path
HP-1	184900	TM0.01	
	Economizer Compliance Method: Air-side economizer provided		WSEC Equip Efficiency Reference Table - Cooling: Table C403.3.2(4) Packaged Terminal, Vertical AC & HP and Room AC Units
	WSEC Equip Efficiency Reference Table - Heating: Table C403.3.2(4) Packaged Terminal, Vertical AC & HP and Room AC Units		