

## MECHANICAL COMPLIANCE SUMMARY

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

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<b>Project &amp; Applicant Information</b>	<b>Project Title</b>	Target T-0342 Puyallup, WA - 2021 WSEC - 2021 WSEC		For Building Department Use:	<b>Date:</b> <b>Aug 06, 2025</b>
	<b>Project Address</b>	3310 S Meridian Puyallup, WA 98373			
	<b>Applicant Name</b>	Joseph Schoeller			
	<b>Applicant Phone</b>	763-367-7600			
	<b>Applicant Email</b>	joseph.schoeller@nelsonrudie.com			
For questions about this report, contact WSEC Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com					

PRMH20251014

General Occupancy	All Commercial		General Building Use Type	Retail, Grocery/Supermarket		Building Cond. Floor Area	116,684
General Project Types	Alteration	New Building or Addition Mechanical Scope		Alteration Mechanical Scope	Single Zone Systems & Equipment	Project Cond. Floor Area	116,684
						Floors Above Grade	1
						Compliance Method	General Prescriptive
Mechanical Project Description	Like for like replacement of (4) end of life Package Rooftop HVAC Units.						

Mechanical Compliance Scope and Method	Project Type	Mechanical Scope	Economizer Exception(s) Applied?	DOAS Ventilation Provided?	Higher Equipment Efficiency Option Applied?	Equipment Efficiency Compliance Verification
	Alteration	Single Zone Systems & Equipment	Yes	No	NA	COMPLIES
<b>Additional Energy Efficiency (AEC) Measures Included</b>	Fault detection and diagnostics (FDD) systems		<b>Load Management (LDM) Measures Included</b>		No mechanical load management measures included in project	
<b>Additional Efficiency Credits Included (AEC)</b>						
<b>Does building include occupancy classifications requiring DOAS?</b>	No		<b>Does project include DOAS equipment?</b>		No	
<b>Based on project scope do TSPR requirements apply?</b>	No		<b>Do all systems comply with Appendix D standard reference design or qualify for an exception to TSPR?</b>		No	

<b>Scope &amp; Space Conditioning</b>	<b>ALTERATION - SINGLE ZONE SYSTEMS &amp; EQUIPMENT</b>	<b>Compliance Verification</b>	<b>COMPLIES</b>
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Single Zone Air Systems Category - Air conditioner, split &amp; 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-16 - Pharmacy		Constant volume	IMC Ventilation	100	Integral		Not provided, not required	
RTU-18 - Sales / Market		Constant volume	Unoccupied, no ventilation requirement					
RTU-19 - Front Stock		Constant volume	IMC Ventilation	300	Integral		Not provided, not required	
RTU-20 - Stock		Constant volume	IMC Ventilation	615	Integral		Not provided, not required	

Air Systems & Equipment - Cooling								
System/Equip ID	Cooling System/Equip Type	Specific Type	Cooling Capacity per item (Btu/h)	Econo Full Load Multiplier (Full/IPLV)	Required Cooling Efficiency (Code Min & Econo)	Proposed Cooling Efficiency	CE Units	Efficiency Compliance Verification
RTU-16 - Pharmacy	Air conditioner, air cooled	Single package DX	31,100	0	13.4	13.4	SEER2	COMPLIES

RTU-18 - Sales / Market	Air conditioner, air cooled	Single package DX	164,000	0	10.8	10.8	EER	COMPLIES
RTU-19 - Front Stock	Air conditioner, air cooled	Single package DX	45,400	0	13.4	13.4	SEER2	COMPLIES
RTU-20 - Stock	Air conditioner, air cooled	Single package DX	69,500	0	11.0	11.2	EER	COMPLIES

Air Systems & Equipment - Heating										
System /Equip ID	Heating System/Equip Type	Specific Type	Heat Pump Heating Capacity (Btu/h)	Cooling Capacity (Btu/h)	AEC Efficiency Multiplier	Proposed Heat Pump Heating Efficiency	HPH Units	Proposed Low OSA Temp Efficiency	LTH Units	Efficiency Compliance Verification
RTU-16 - Pharmacy	Furnace	Warm air, gas fired (Et)			1					COMPLIES
RTU-18 - Sales / Market	Furnace	Warm air, gas fired (Et)			1					COMPLIES
RTU-19 - Front Stock	Furnace	Warm air, gas fired (Et)			1					COMPLIES
RTU-20 - Stock	Furnace	Warm air, gas fired (Et)			1					COMPLIES

Air Systems & Equipment Details			
System/Equip ID	Discrete Area(s) Served	Location In Project Documents - Plan/Detail #	System/Equip Compliance Path
RTU-16 - Pharmacy	Pharmacy	ME01, ME141	General Prescriptive
	System/Equip ID for a single or multiple items?: <b>Single item</b>		
	Heating Section/Auxiliary Heating Type: <b>Fuel-fired</b>		Economizer Compliance Method: <b>Air-side economizer provided</b>
	WSEC Equip Efficiency Reference Table - Cooling: <b>Table C403.3.2(1) Unitary Air Conditioners &amp; Condensing Units</b>		
	WSEC Equip Efficiency Reference Table - Heating: <b>Table C403.3.2(5) Warm Air Furnaces</b>		
RTU-18 - Sales / Market	Sales / Market	ME01, ME141	General Prescriptive
	System/Equip ID for a single or multiple items?: <b>Single item</b>		
	Heating Section/Auxiliary Heating Type: <b>Fuel-fired</b>		Economizer Compliance Method: <b>Air-side economizer provided</b>
	WSEC Equip Efficiency Reference Table - Cooling: <b>Table C403.3.2(1) Unitary Air Conditioners &amp; Condensing Units</b>		
	WSEC Equip Efficiency Reference Table - Heating: <b>Table C403.3.2(5) Warm Air Furnaces</b>		
RTU-19 - Front Stock	Front Stock	ME01, ME142	General Prescriptive
	System/Equip ID for a single or multiple items?: <b>Single item</b>		
	Heating Section/Auxiliary Heating Type: <b>Fuel-fired</b>		Economizer Compliance Method: <b>Air-side economizer provided</b>
	WSEC Equip Efficiency Reference Table - Cooling: <b>Table C403.3.2(1) Unitary Air Conditioners &amp; Condensing Units</b>		
	WSEC Equip Efficiency Reference Table - Heating: <b>Table C403.3.2(5) Warm Air Furnaces</b>		
RTU-20 - Stock	Stock	ME01, ME141	General Prescriptive
	System/Equip ID for a single or multiple items?: <b>Single item</b>		
	Heating Section/Auxiliary Heating Type: <b>Fuel-fired</b>		Economizer Compliance Method: <b>Air-side economizer provided</b>
	WSEC Equip Efficiency Reference Table - Cooling: <b>Table C403.3.2(1) Unitary Air Conditioners &amp; Condensing Units</b>		
	WSEC Equip Efficiency Reference Table - Heating: <b>Table C403.3.2(5) Warm Air Furnaces</b>		