

MECHANICAL COMPLIANCE SUMMARY

2018 WSEC Compliance Forms for Commercial Buildings including Group R2, R3 & R4 over 3 stories and all R1

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Project & Applicant Information	Project Title	FORTRESS PUYALLUP - 2018 WSEC	For Building Department Use:	Date: May 16, 2023
	Project Address	240 15TH ST. SE. Puyallup, WA 98372		
	Applicant Name	AIDAN WILSON		
	Applicant Phone	253-939-5501		
	Applicant Email	DESIGN@UNIVERSALREFRIG.COM		
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	Warehouse, General Storage	Building Cond. Floor Area	128,547
General Project Types	New Building	New Building or Addition Mechanical Scope	Single Zone Systems & Equipment	Alteration Mechanical Scope	Project Cond. Floor Area	128,547
					Floors Above Grade	1
					Compliance Method	Compliance Method 1 - General
Mechanical Project Description	INSTALL (1) ELECTRIC WALL HEATER, INSTALL (4) ROOFTOP EXHAUST FANS, INSTALL (4) GAS FIRED UNIT HEATERS, AND INSTALL NATURAL GAS PIPING.					

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
	New Building	Single Zone Systems & Equipment	No	No	Yes	COMPLIES
Additional Efficiency Credits Included (AEC)	Higher equipment efficiency and fan FEG					
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	NEW BUILDING - SINGLE ZONE SYSTEMS & EQUIPMENT	Compliance Verification	COMPLIES
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Single Zone Air Systems Category - Unit heaters & duct heaters

Air Systems Summary Information						
System/Equip ID	Quantity of Items		Ventilation Standard	Ventilation CFM (Total if Multiple Items)	Ventilation Air Source	Paired with DOAS
UH 1-4	4		IMC Natural Ventilation			

Air Systems & Equipment - Heating							
System /Equip ID	Heating System/Equip Type	Specific Type	Heating Capacity	HC Units	Proposed Heating Efficiency	HE Units	Efficiency Compliance Verification
UH 1-4	Unit heater	Warm air, gas fired	180,000	Btu/h	93.0	Ec	COMPLIES

Air Systems & Equipment Details			
System/Equip ID	Area(s) Served	Location In Project Documents - Plan/Detail #	
UH 1-4	WAREHOUSE	M-C	
	System/Equip ID for a single or multiple items?: Multiple items w/ identical heating & cooling capacity		
	WSEC Equip Efficiency Reference Table - Heating: Table C403.3.2(4) Warm Air Furnaces		