

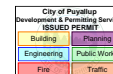
# MECHANICAL COMPLIANCE SUMMARY

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

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<b>Project &amp; Applicant Information</b>	<b>Project Title</b>	Absher Construction - 2018 WSEC	For Building Department Use:  <b>PRMH20231183</b>	<b>Date: Aug 09, 2023</b>
	<b>Project Address</b>	923 Shaw Rd Puyallup, WA 98375		
	<b>Applicant Name</b>	Douglas Crawford		
	<b>Applicant Phone</b>	253-572-9484		
	<b>Applicant Email</b>	douge@asei.ws		

For questions about this report, contact WSEC Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com



<b>General Occupancy</b>	All Commercial		<b>General Building Use Type</b>	Office, Other		<b>Building Cond. Floor Area</b>	1,760
<b>General Project Types</b>	Alteration	<b>New Building or Addition Mechanical Scope</b>	<b>Alteration Mechanical Scope</b>	Single Zone Systems & Equipment		<b>Project Cond. Floor Area</b>	1,760
						<b>Floors Above Grade</b>	1
<b>Mechanical Project Description</b>	Replace Failed HP-3 Split System Indoor and /outdoor Units						
<b>Mechanical Project Description</b>	Compliance Method 1 - General						

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 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 - Heat pump, unitary, thru-wall, 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 (%)
HP-3		Constant volume	IMC Ventilation	250	Integral		Not provided, not required	

**Air Systems & Equipment - Cooling**

System/Equip ID	Cooling System/Equip Type	Specific Type	Cooling Capacity per item (Btu/h)	AEC Efficiency Multiplier	Econo Exception Multiplier (FL & PL)	Combined Efficiency Multiplier (AEC & Econo)	Proposed Cooling Efficiency	CE Units	Proposed Part Load Efficiency	PL Units	Efficiency Compliance Verification
HP-3	Heat pump, air cooled	Split system	55,500	1	1.10	1.1	16.5	SEER		IEER	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
HP-3	Heat pump, air cooled, heating	Split system	54,500	55,500	1	9.5	HSPF		COP	COMPLIES

**Air Systems & Equipment Details**

System/Equip ID	Area(s) Served	Location In Project Documents - Plan/Detail #
HP-3	North Wing Offices	All
System/Equip ID for a single or multiple items?: Single item		
Heating Section/Auxiliary Heating Type: Electric resistance (or None)		
Economizer Compliance Method: Applying air-side economizer exception		
Air-side economizer exception applied: Alt Table 2b - Like-for-like or smaller split system w/≤60,000 Btu/h		
WSEC Equip Efficiency Reference Table - Cooling: Table C403.3.2(2) - Unitary and Applied Heat Pumps		
Proposed Low OSA Temp Efficiency:		
LTH Units: COP		
WSEC Equip Efficiency Reference Table - Heating: Table C403.3.2(2) - Unitary and Applied Heat Pumps		