
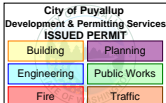


MECHANICAL COMPLIANCE SUMMARY

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	CHC Puyallup Cannery - 2018 WSEC	For Building Department Use:  <p>THE APPROVED CONSTRUCTION PLANS, DOCUMENTS AND ALL ENGINEERING MUST BE POSTED ON THE JOB AT ALL INSPECTIONS IN A VISIBLE AND READILY ACCESSIBLE LOCATION.</p> <p>FULL SIZED LEDGIBLE COLOR PLANS ARE REQUIRED TO BE PROVIDED BY THE PERMITEE ON SITE FOR INSPECTION</p>		Date:	Oct 21, 2022
	Project Address	201 W. Main Puyallup, WA, WA 98371				
	Applicant Name	David Moore				
	Applicant Phone	360-701-6219				
	Applicant Email	dmm@treswest.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	Healthcare, Outpatient Therapy		Building Cond. Floor Area	27,593
General Project Types	Change in Space Conditioning (Semi-heated converted to Fully Conditioned)	New Building or Addition Mechanical Scope		Alteration Mechanical Scope	Single Zone Systems & Equipment	Project Cond. Floor Area	27,593
	Change in Occupancy (Group F, S or U converted to another commercial occupancy)					Floors Above Grade	2
						Compliance Method	Not Selected
Mechanical Project Description	Provide completed new heating, cooling, ventilation with VRF and DOAS equipment and domestic water, waste and vent systems for the facility						

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
	Change in Space Conditioning	Single Zone Systems & Equipment	No	Yes	NA	COMPLIES
Additional Efficiency Credits Included (AEC)	Dedicated outside air system (DOAS) option					
Does building include occupancy classifications requiring DOAS?	Yes		Does project include DOAS equipment?			Yes
Based on project scope do TSPR requirements apply?	Yes		Do all systems comply with Appendix D standard reference design or qualify for an exception to TSPR?			Yes

Scope & Space Conditioning	CHANGE IN SPACE CONDITIONING - SINGLE ZONE SYSTEMS & EQUIPMENT	Compliance Verification	COMPLIES
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Single Zone Air Systems Category - Fan coil unit, hydronic & VRF

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
FCU1-1	4	Variable air volume	ASHRAE Standard 62.1	1,400	Separate DOAS	ERV2-1
FCU2-7, FCU2-8, FCU-10, FCU-11		Variable air volume	ASHRAE Standard 62.1	760	Separate DOAS	ERV2-3
FCU1-16		Variable air volume	ASHRAE Standard 62.1	960	Separate DOAS	ERV1-8
FCU2-5, FCU2-16		Variable air volume	ASHRAE Standard 62.1	560	Separate DOAS	ERV2-3
FCU1-12, FCU1-15	3	Variable air volume	ASHRAE Standard 62.1	670	Separate DOAS	ERV1-10
FCU2-2		Variable air volume	ASHRAE Standard 62.1	1,120	Separate DOAS	ERV2-1
FCU2-13		Variable air volume	ASHRAE Standard 62.1	740	Separate DOAS	ERV2-4
FCU1-9		Variable air volume	ASHRAE Standard 62.1	190	Separate DOAS	ERV1-5
FCU1-4		Variable air volume	ASHRAE Standard 62.1	230	Separate DOAS	ERV1-1
FCU2-9		Variable air volume	ASHRAE Standard 62.1	600	Separate DOAS	ERV2-3
FCU1-5, FCU1-6, FCU1-7		Variable air volume	ASHRAE Standard 62.1	435	Separate DOAS	ERV1-1
FCU1-10		Variable air volume	ASHRAE Standard 62.1	435	Separate DOAS	ERV1-5
FCU2-14		Variable air volume	ASHRAE Standard 62.1	1,400	Separate DOAS	ERV2-1
FCU1-2		Variable air volume	ASHRAE Standard 62.1	860	Separate DOAS	ERV1-2

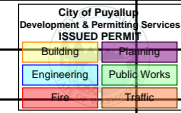
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<div>City of Puyallup</div> <div>Development & Permitting Services</div> <div>ISSUED PERMIT</div> <div> <div>Building</div> <div>Planning</div> <div>Engineering</div> <div>Public Works</div> <div>Fire</div> <div>Traffic</div> </div>	FCU1-13		Variable air volume	ASHRAE Standard 62.1	550	Separate DOAS	ERV1-5
	FCU1-17		Variable air volume	ASHRAE Standard 62.1	960	Separate DOAS	ERV1-9
	FCU2-3		Variable air volume	ASHRAE Standard 62.1	1,400	Separate DOAS	ERV2-1
	FCU2-6		Variable air volume	ASHRAE Standard 62.1	1,340	Separate DOAS	ERV2-2
	FCU1-3		Variable air volume	ASHRAE Standard 62.1	880	Separate DOAS	ERV1-1
	FCU1-8		Variable air volume	ASHRAE Standard 62.1	1,400	Separate DOAS	ERV1-3, ERV1-4
	FCU1-11		Variable air volume	ASHRAE Standard 62.1	190	Separate DOAS	ERV1-10
	FCU2-12		Variable air volume	ASHRAE Standard 62.1	1,340	Separate DOAS	ERV2-4
	FCU2-15		Variable air volume	ASHRAE Standard 62.1	1,410	Separate DOAS	ERV2-1
	FCU1-14		Variable air volume	ASHRAE Standard 62.1	1,950	Separate DOAS	ERV1-6, ERV1-7
	FCU2-1		Variable air volume	ASHRAE Standard 62.1	1,200	Separate DOAS	ERV2-1
	FCU2-4		Variable air volume	ASHRAE Standard 62.1	580	Separate DOAS	ERV2-2

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
FCU1-10	Fan coils, hydronic & VRF, heating	VRF			1					COMPLIES
FCU1-2	Fan coils, hydronic & VRF, heating	VRF			1					COMPLIES
FCU2-15	Fan coils, hydronic & VRF, heating	VRF			1					COMPLIES
FCU1-17	Fan coils, hydronic & VRF, heating	VRF			1					COMPLIES
FCU1-3	Fan coils, hydronic & VRF, heating	VRF			1					COMPLIES
FCU2-1	Fan coils, hydronic & VRF, heating	VRF			1					COMPLIES
FCU2-6	Fan coils, hydronic & VRF, heating	VRF			1					COMPLIES
FCU1-11	Fan coils, hydronic & VRF, heating	VRF			1					COMPLIES
FCU2-7, FCU2-8, FCU1-10, FCU1-11	Fan coils, hydronic & VRF, heating	VRF			1					COMPLIES
FCU1-4	Fan coils, hydronic & VRF, heating	VRF			1					COMPLIES
FCU2-2	Fan coils, hydronic & VRF, heating	VRF			1					COMPLIES
FCU1-12, FCU1-15	Fan coils, hydronic & VRF, heating	VRF			1					COMPLIES
FCU2-9	Fan coils, hydronic & VRF, heating	VRF			1					COMPLIES
FCU1-5, FCU1-6, FCU1-7	Fan coils, hydronic & VRF, heating	VRF			1					COMPLIES
FCU2-3	Fan coils, hydronic & VRF, heating	VRF			1					COMPLIES
FCU1-13	Fan coils, hydronic & VRF, heating	VRF			1					COMPLIES
FCU2-12	Fan coils, hydronic & VRF, heating	VRF			1					COMPLIES
FCU1-8	Fan coils, hydronic & VRF, heating	VRF			1					COMPLIES
FCU2-4	Fan coils, hydronic & VRF, heating	VRF			1					COMPLIES
FCU1-14	Fan coils, hydronic & VRF, heating	VRF			1					COMPLIES
FCU2-13	Fan coils, hydronic & VRF, heating	VRF			1					COMPLIES

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	heating								
FCU2-5, FCU2-16	Fan coils, hydronic & VRF, heating	VRF			1				COMPLIES
FCU1-1	Fan coils, hydronic & VRF, heating	VRF			1				COMPLIES
FCU1-16	Fan coils, hydronic & VRF, heating	VRF			1				COMPLIES
FCU2-14	Fan coils, hydronic & VRF, heating	VRF			1				COMPLIES
FCU1-9	Fan coils, hydronic & VRF, heating	VRF			1				COMPLIES



Air Systems & Equipment Details				
System/Equip ID		Area(s) Served	Location In Project Documents - Plan/Detail #	
FCU1-1		ROOMS 100, 124, 125	M2.10	
		System/Equip ID for a single or multiple items?: Single item		
		Heating Capacity Source: ODU-1		
FCU2-7, FCU2-8, FCU-10, FCU-11		EXAM/CONSULT 228, 229, 238, 239	M2.20	
		System/Equip ID for a single or multiple items?: Multiple items w/ identical heating & cooling capacity		
		Heating Capacity Source: ODU-4		
FCU1-16		WEST OPERATORY 144	M2.10	
		System/Equip ID for a single or multiple items?: Single item		
		Heating Capacity Source: ODU-2		
FCU2-5, FCU2-16		EXAM/ CONSULT 237, 227	M2.20	
		System/Equip ID for a single or multiple items?: Multiple items w/ identical heating & cooling capacity		
		Heating Capacity Source: ODU-3		
FCU1-12, FCU1-15		QUIET OPERATORY 141, 142	M2.10	
		System/Equip ID for a single or multiple items?: Single item		
		Heating Capacity Source: ODU-2		
FCU2-2		ROOMS 203, 204, 206	M2.20	
		System/Equip ID for a single or multiple items?: Single item		
		Heating Capacity Source: ODU-3		
FCU2-13		ROOM 250, 251, 252, 270, 271, 272	M2.20	
		System/Equip ID for a single or multiple items?: Single item		
		Heating Capacity Source: ODU-4		
FCU1-9		OFFICE 121	M2.10	
		System/Equip ID for a single or multiple items?: Single item		
		Heating Capacity Source: ODU-1		
FCU1-4		OFFICE 104	M2.10	
		System/Equip ID for a single or multiple items?: Single item		
		Heating Capacity Source: ODU-1		
FCU2-9		ROOMS 230, 231, 232, 233, 236,	M2.20	
		System/Equip ID for a single or multiple items?: Single item		
		Heating Capacity Source: ODU-4		
FCU1-5, FCU1-6, FCU1-7		OFFICES 105, 106, 108	M2.10	
		System/Equip ID for a single or multiple items?: Multiple items w/ identical heating & cooling capacity		
		Heating Capacity Source: ODU-1		
FCU1-10		BREAK ROOM 126	M2.10	
		System/Equip ID for a single or multiple items?: Single item		
		Heating Capacity Source: ODU-1		
FCU2-14		ROOMS 253, 254, 255, 256, 257, 258, 259	M2.20	
		System/Equip ID for a single or multiple items?: Single item		
		Heating Capacity Source: ODU-4		
FCU1-2		ROOMS 109, 110, 111, 112, 113, 122	M2.10	

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	System/Equip ID for a single or multiple items?: Single item		
	Heating Capacity Source: ODU-1		
FCU1-13	ROOMS 127M 128, 129	M2.10	
	System/Equip ID for a single or multiple items?: Single item		
	Heating Capacity Source: ODU-2		
FCU1-17	EAST OPERATORY 143	M2.10	
	System/Equip ID for a single or multiple items?: Single item		
	Heating Capacity Source: ODU-2		
FCU2-3	TOOMD 208, 209, 210, 211, 212, 213	M2.20	
	System/Equip ID for a single or multiple items?: Single item		
	Heating Capacity Source: ODU-3		
FCU2-6	ROOMS 220, 221, 222, 223, 224, 225, 226	M2.20	
	System/Equip ID for a single or multiple items?: Single item		
	Heating Capacity Source: ODU-3		
FCU1-3	ROOMS 101, 102, 103	M2.10	
	System/Equip ID for a single or multiple items?: Single item		
	Heating Capacity Source: ODU-1		
FCU1-8	ROOMS 114, 115, 116, 117, 118, 119, 120	M2.10	
	System/Equip ID for a single or multiple items?: Single item		
	Heating Capacity Source: ODU-1		
FCU1-11	OFFICE 140	M2.10	
	System/Equip ID for a single or multiple items?: Single item		
	Heating Capacity Source: ODU-2		
FCU2-12	ROOMS 240, 241, 242, 243, 244, 245, 246	M2.20	
	System/Equip ID for a single or multiple items?: Single item		
	Heating Capacity Source: ODU-4		
FCU2-15	ROOMS 260, 261, 262, 263, 265, 266, 267	M2.20	
	System/Equip ID for a single or multiple items?: Single item		
	Heating Capacity Source: ODU-4		
FCU1-14	ROOMS 130, 131, 133, 135, 136, 137, 151, 154	M2.10	
	System/Equip ID for a single or multiple items?: Single item		
	Heating Capacity Source: ODU-2		
FCU2-1	ROOMS 200, 201, 202, 235	M2.20	
	System/Equip ID for a single or multiple items?: Single item		
	Heating Capacity Source: ODU-3		
FCU2-4	ROOMS 214, 215, 217, 218, 219	M2.20	
	System/Equip ID for a single or multiple items?: Single item		
	Heating Capacity Source: ODU-3		

City of Puyamup Development & Permitting Services ISSUED PERMIT	
Building	Planning
Engineering	Public Works
Fire	Traffic

Single Zone Equipment Category - Condensing Unit

Equipment Summary Information

System/Equip ID	Quantity of Items	
ODU-1		
ODU-2		
ODU-3		
ODU-4		

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
ODU-2	Condensing unit, air cooled		240,000	1		0	12.0	EER	23.6	IEER	COMPLIES
ODU-3	Condensing unit, air cooled		240,000	1		0	12.0	EER	23.6	IEER	COMPLIES

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ODU-4	Condensing unit, air cooled		240,000	1		0	12.0	EER	23.6	IEER	COMPLIES
ODU-1	Condensing unit, air cooled		240,000	1		0	12.0	EER	23.6	IEER	COMPLIES
ODU-2	Condensing unit, air cooled		240,000	1		0	12.0	EER	23.6	IEER	COMPLIES

Equipment Details				
System/Equip ID	Area(s) Served	Location In Project Documents - Plan/Detail #		
ODU-1	FCU1-1 THRU FCU1-10	M2.10	<div>City of Puayallup Development & Permitting Services ISSUED PERMIT</div> <div><div>Building</div><div>Planning</div><div>Engineering</div><div>Public Works</div><div>Fire</div><div>Traffic</div></div>	
	System/Equip ID for a single or multiple items?: Single item			
	WSEC Equip Efficiency Reference Table - Cooling: Table C403.3.2(1)A - Unitary Air Conditioners & Condensing Units			
ODU-2	FCU1-11 THRU FCU1-17	M4.01		
	System/Equip ID for a single or multiple items?:			
	WSEC Equip Efficiency Reference Table - Cooling: Table C403.3.2(1)A - Unitary Air Conditioners & Condensing Units			
	WSEC Equip Efficiency Reference Table - Cooling: Table C403.3.2(1)A - Unitary Air Conditioners & Condensing Units			
ODU-3	FCU2-1 THRU FCU2-6	M2.10		
	System/Equip ID for a single or multiple items?: Single item			
	WSEC Equip Efficiency Reference Table - Cooling: Table C403.3.2(1)A - Unitary Air Conditioners & Condensing Units			
ODU-4	FCU2-7 THRU FCU2-16	M4.01		
	System/Equip ID for a single or multiple items?: Single item			
	WSEC Equip Efficiency Reference Table - Cooling: Table C403.3.2(1)A - Unitary Air Conditioners & Condensing Units			

