

FCU-16	Fan coils, hydronic & VRF, cooling	VRF	24,000	1.15		0				COMPLIES
FCU-17	Fan coils, hydronic & VRF, cooling	VRF	18,000	1.15		0				COMPLIES
FCU-9	Fan coils, hydronic & VRF, cooling	VRF	8,000	1.15		0				COMPLIES
FCU-10	Fan coils, hydronic & VRF, cooling	VRF	18,000	1.15		0				COMPLIES
FCU-18	Fan coils, hydronic & VRF, cooling	VRF	24,000	1.15		0				COMPLIES
FCU-19	Fan coils, hydronic & VRF, cooling	VRF	18,000	1.15		0				COMPLIES
FCU-11	Fan coils, hydronic & VRF, cooling	VRF	24,000	1.15		0				COMPLIES
FCU-20	Fan coils, hydronic & VRF, cooling	VRF	36,000	1.15		0				COMPLIES
FCU-12	Fan coils, hydronic & VRF, cooling	VRF	24,000	1.15		0				COMPLIES
FCU-21	Fan coils, hydronic & VRF, cooling	VRF	24,000	1.15		0				COMPLIES
FCU-13	Fan coils, hydronic & VRF, cooling	VRF	36,000	1.15		0				COMPLIES
FCU-14	Fan coils, hydronic & VRF, cooling	VRF	36,000	1.15		0				COMPLIES
FCU-15	Fan coils, hydronic & VRF, cooling	VRF	18,000	1.15		0				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
FCU-19	Fan coils, hydronic & VRF, heating	VRF			1.15					COMPLIES
FCU-13	Fan coils, hydronic & VRF, heating	VRF			1.15					COMPLIES
FCU-20	Fan coils, hydronic & VRF, heating	VRF			1.15					COMPLIES
FCU-14	Fan coils, hydronic & VRF, heating	VRF			1.15					COMPLIES
FCU-21	Fan coils, hydronic & VRF, heating	VRF			1.15					COMPLIES
FCU-15	Fan coils, hydronic & VRF, heating	VRF			1.15					COMPLIES
FCU-9	Fan coils, hydronic & VRF, heating	VRF			1.15					COMPLIES
FCU-16	Fan coils, hydronic & VRF, heating	VRF			1.15					COMPLIES
FCU-10	Fan coils, hydronic & VRF, heating	VRF			1.15					COMPLIES
FCU-17	Fan coils, hydronic & VRF, heating	VRF			1.15					COMPLIES
FCU-11	Fan coils, hydronic & VRF, heating	VRF			1.15					COMPLIES
FCU-18	Fan coils, hydronic & VRF, heating	VRF			1.15					COMPLIES
FCU-12	Fan coils, hydronic & VRF, heating	VRF			1.15					COMPLIES

Air Systems & Equipment Details

System/Equip ID	Area(s) Served	Location In Project Documents - Plan/Detail #
FCU-16	OFFICE	ALL
	System/Equip ID for a single or multiple items?: Single item	
	Cooling Capacity Source: CU-3	
	Heating Capacity Source: CU-3	
FCU-13	OFFICE	ALL
	System/Equip ID for a single or multiple items?: Single item	
	Cooling Capacity Source: CU-3	
	Heating Capacity Source: CU-3	
FCU-10	OFFICE	ALL
	System/Equip ID for a single or multiple items?: Single item	
	Cooling Capacity Source: CU-3	
	Heating Capacity Source: CU-3	
FCU-19	OFFICE	ALL
	System/Equip ID for a single or multiple items?: Single item	
	Cooling Capacity Source: CU-3	
	Heating Capacity Source: CU-3	
FCU-20	OFFICE	ALL
	System/Equip ID for a single or multiple items?: Single item	
	Cooling Capacity Source: CU-3	
	Heating Capacity Source: CU-3	

City of Puyatup
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ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

FCU-11	OFFICE	ALL
	System/Equip ID for a single or multiple items?: Single item	
	Cooling Capacity Source: CU-3	
	Heating Capacity Source: CU-3	
FCU-17	OFFICE	ALL
	System/Equip ID for a single or multiple items?: Single item	
	Cooling Capacity Source: CU-3	
	Heating Capacity Source: CU-3	
FCU-14	OFFICE	ALL
	System/Equip ID for a single or multiple items?: Single item	
	Cooling Capacity Source: CU-3	
	Heating Capacity Source: CU-3	
FCU-9	OFFICE	ALL
	System/Equip ID for a single or multiple items?: Single item	
	Cooling Capacity Source: CU-3	
	Heating Capacity Source: CU-3	
FCU-18	OFFICE	ALL
	System/Equip ID for a single or multiple items?: Single item	
	Cooling Capacity Source: CU-3	
	Heating Capacity Source: CU-3	
FCU-21	OFFICE	ALL
	System/Equip ID for a single or multiple items?: Single item	
	Cooling Capacity Source: CU-3	
	Heating Capacity Source: CU-3	
FCU-12	OFFICE	ALL
	System/Equip ID for a single or multiple items?: Single item	
	Cooling Capacity Source: CU-3	
	Heating Capacity Source: CU-3	
FCU-15	OFFICE	ALL
	System/Equip ID for a single or multiple items?: Single item	
	Cooling Capacity Source: CU-3	
	Heating Capacity Source: CU-3	

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

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 (%)
OHP-1/IHP-1		Constant volume	Unoccupied, no ventilation requirement					
OHP-2/IHP-2,3,4		Constant volume	Unoccupied, no ventilation requirement					

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
OHP-2/IHP-2,3,4	Heat pump, air cooled	Split system	36,000	1.15	0	1.15	16.1	SEER		IEER	COMPLIES
OHP-1/IHP-1	Heat pump, air cooled	Split system	24,000	1.15	0	1.15	16.1	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	
OHP-1/IHP-1	Heat pump, air cooled, heating	Split system	27,600	24,000	1.15	9.5	HSPF		COP	COMPLIES	
OHP-2/IHP-2,3,4	Heat pump, air cooled, heating	Split system	36,000	36,000	1.15	9.5	HSPF		COP	COMPLIES	

Air Systems & Equipment Details

System/Equip ID	Area(s) Served	Location In Project Documents - Plan/Detail #	
OHP-1/IHP-1	ELEVATOR MACHINE ROOM	ALL	
	System/Equip ID for a single or multiple items?: Single item		
	Heating Section/Auxiliary Heating Type: Other source		Economizer Compliance Method: Economizer not required
	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		
OHP-2/IHP-2,3,4	BREAKROOM	ALL	
	System/Equip ID for a single or multiple items?: Single item		
	Heating Section/Auxiliary Heating Type: Other source		Economizer Compliance Method: Economizer not required
	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		

Single Zone Equipment Category - Condensing Unit

Equipment Summary Information

System/Equip ID	Quantity of Items	
CU-3		

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
CU-3	Condensing unit, air cooled		312,000	1.15		0	12.2	EER	13.6	IEER	COMPLIES

Equipment Details

System/Equip ID	Area(s) Served	Location In Project Documents - Plan/Detail #	
CU-3	OFFICE	ALL	
	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		

