

# HEAT RECOVERY UNIT (HRU) SCHEDULE 15720-01

Equipment Tags	AREA SERVED	SUPPLY FAN DATA							HEAT RECOVERY HEATING PIPE				SUPPLY SIDE FILTER DATA			
		PERFORMANCE			MOTOR DATA				SUPPLY SIDE				SUMMER FILTER		WINTER FILTER	
		L/s	ESP.	RPM	[kW]	RPM	VOLT	PH	EAT	LRH	LAT	PD	EFFIC.	PD	EFFIC.	PD
			[Pa]						[C]	[%]	[C]	[Pa]	%	[Pa]	%	[Pa]
HRU-H022	Ozone Generator Room Heating and Ventilation	4,245	250	1964	11.2	1800	575	3	-40	100	-30	63	30	150	30	150
HRU-H034	Maintenance Workshop Heating and Ventilation	2,524	313	2254	5.6	1800	575	3	-40	100	-30	90	30	150	30	150

Equipment Tags	AREA SERVED	EXHAUST FAN DATA							HEAT RECOVERY HEATING PIPE				EXHAUST SIDE FILTER DATA			
		PERFORMANCE			MOTOR DATA				EXHAUST SIDE				SUMMER FILTER		WINTER FILTER	
		L/s	ESP.	RPM	[kW]	RPM	VOLT	PH	EAT	LRH	LAT	PD	EFFIC.	PD	EFFIC.	PD
			[Pa]						[C]	[%]	[C]	[Pa]	%	[Pa]	%	[Pa]
HRU-H022	Ozone Generator Room Heating and Ventilation	4,245	188	2175	5.6	1800	575	3	16	50	5	80	30	150	---	---
HRU-H034	Maintenance Workshop Heating and Ventilation	2,524	313	1459	3.7	1800	575	3	16	50	5	118	30	150	---	--

Equipment Tags	AREA SERVED	GAS FIRED BURNER				PHYSICAL DATA				ELECTRICAL DATA					REMARKS
		EAT	LAT	CAPACITY		WEIGHT	DIMENSIONS			MOTOR				M.F.A.	
				INPUT	OUTPUT		L	W	H	[kW]	RPM	VOLT	PH		
		[C]	[C]	[kW]	[kW]	[kg]	[mm]	[mm]	[mm]	[kW]	RPM	VOLT	PH	[Amps]	
HRU-H022	Ozone Generator Room Heating and Ventilation	-40	20	381	305	6818	6248	3785	2134	11.2/5.6	1800	575	3	19	
HRU-H034	Maintenance Workshop Heating and Ventilation	-40	29	278	220	6818	5664	3683	1829	5.6/3.7	1800	575	3	15	(1)

LEGEND: EAT ENTERING AIR TEMPERATURE DB DRY BULB LRH LEAVING RELATIVE HUMIDITY  
 LAT LEAVING AIR TEMPERATURE WB WET BULB M.F.A. MAIN FEEDER AMPACITY  
 PD PRESSURE DROP ESP EXTERNAL STATIC PRESSURE

REMARKS:  
 1 Provide two speed two windings with 50% speed reduction for both supply and exhaust fans.