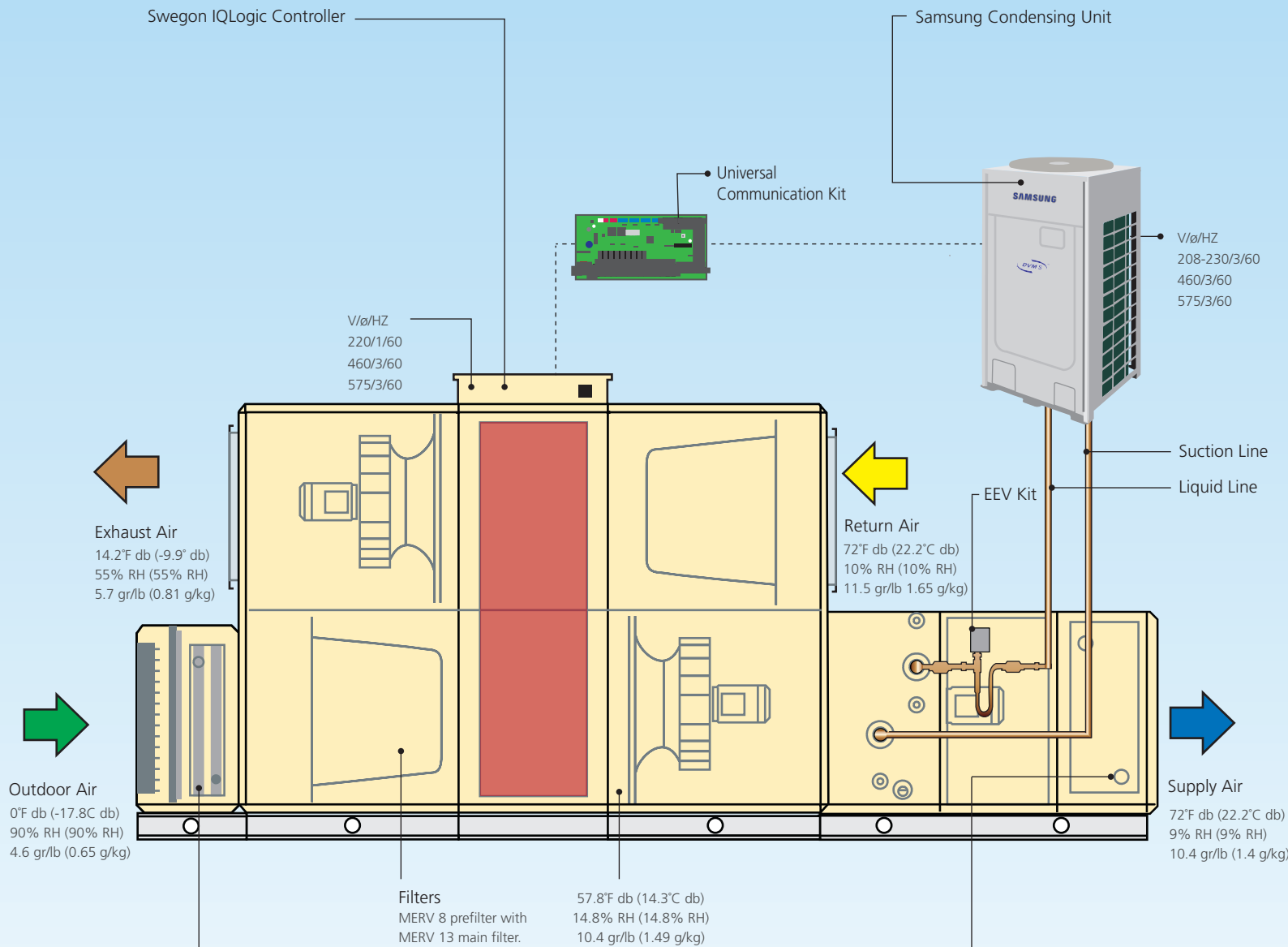
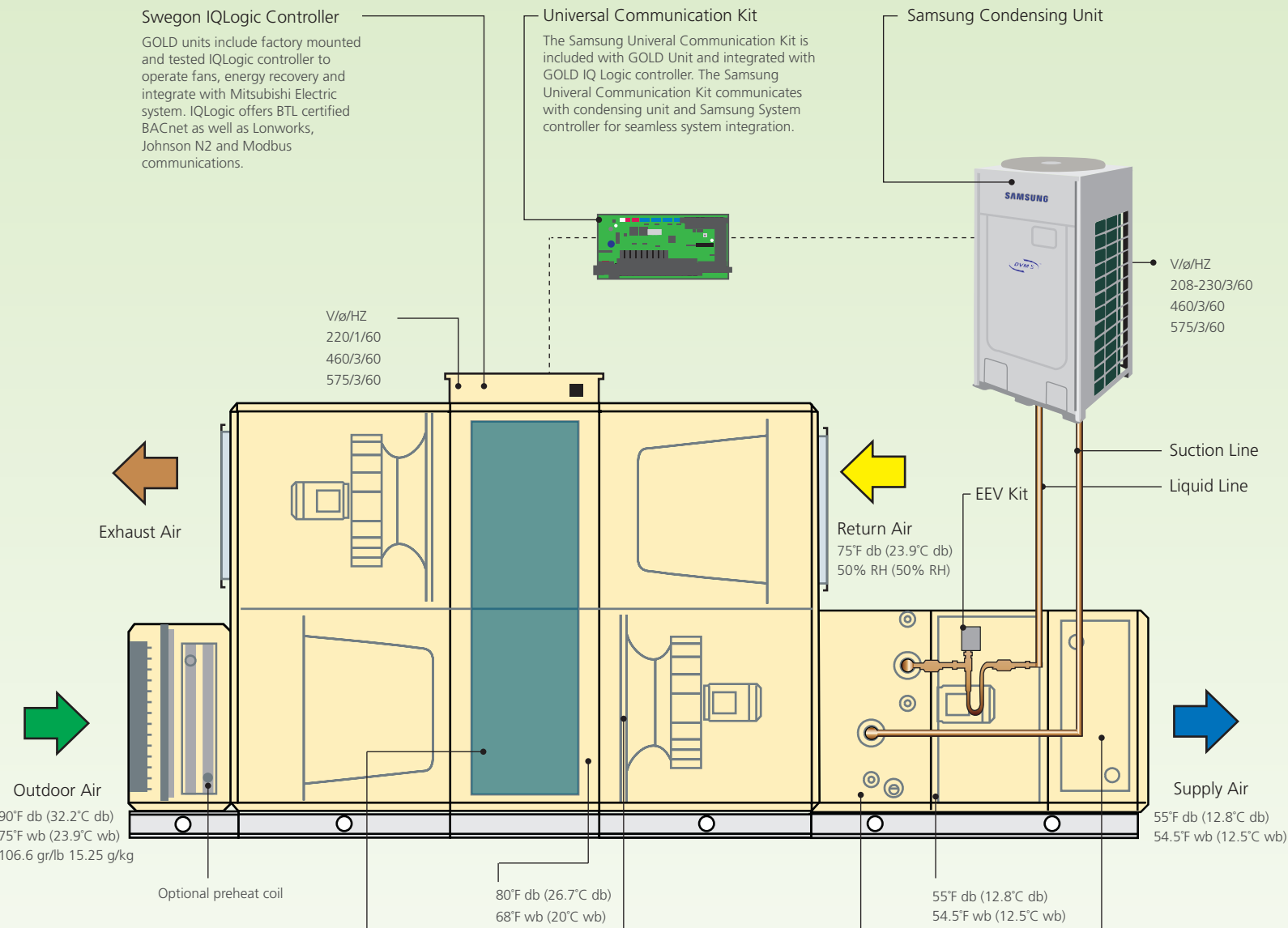


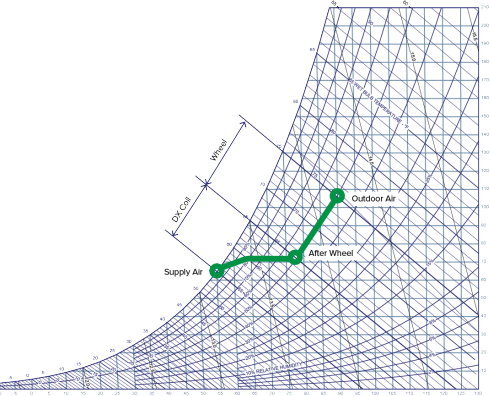
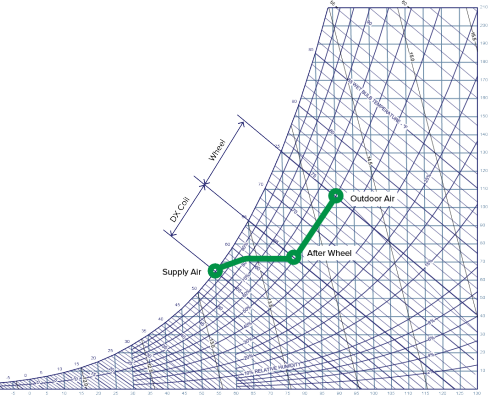
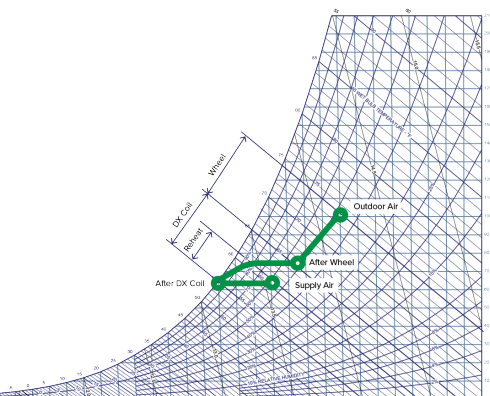
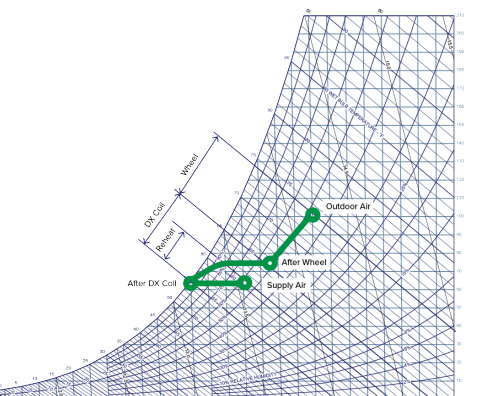
SUMMER

WINTER





Swegon Performance	
Model	RX-25
Supply Air	4,500 CFM
Exhaust Air	4,500 CFM
SA External Static	1.5-2.2" e.s.p.
EA External Static	1.5-2.2" e.s.p.
Supply Fan	4.6 HP
Exhaust Fan	4.6 HP
Rotary Wheel Sensible Efficiency	82.5%
Summer Wheel Performance	
OA EDB Temp (F)	92.1
OA EWB Temp (F)	74.9
RA EDB Temp (F)	75
RA EWB Temp (F)	62.5
Summer Off Wheel DB	78
Summer Off Wheel WB	65.6
Rotary Wheel Latent Efficiency	72.5%
Winter Wheel Performance	
OA EDB Temp (F)	-1.6
RA EDB Temp (F)	70
RA EWB Temp (F)	51.5
Winter Off Wheel DB	57.4
Winter Off Wheel WB	54.5
Rotary Wheel Latent Efficiency	80.5%
Package Performance	
Reheat Method	None
Cooling LAT DB	54.9
Cooling LAT WB	54.6
Grains	63.2
Heating LAT	72
Dimensions	
Cabinet Length	105.83"
Cabinet Width	62.99"
Cabinet Height	70.71"
Air Cooled Unit Solution	
Condensing Unit	AM144FXVAJH2AA
Branch Controller	N/A
Water Cooled Solution	
Condensing Unit	N/A
Branch Controller	N/A

COOLING/HEATING	COOLING/HEATING WITH ELECTRIC AUX HEAT	COOLING/HEATING WITH HOT GAS REHEAT COIL	COOLING/HEATING WITH CONDENSER WATER REHEAT
 	 	 	 
		Heat Recovery Reheat	Hot Water Reheat
		72	72
		61.1	61.1
		63.2	63.2
		72	72
Dimensions			
Cabinet Length	105.83"	139.76"	139.76"
Cabinet Width	62.99"	62.99"	62.99"
Cabinet Height	70.71"	70.71"	70.71"
Air Cooled Unit Solution			
Condensing Unit	AM144FXVAJH2AA	AM144FXVAJR2AA	N/A
Branch Controller	N/A	MCU-S6NEK3N	N/A
Water Cooled Solution			
Condensing Unit	N/A	N/A	AM144HXWAJR2AA
Branch Controller	N/A	N/A	N/A

Key Specifiable Standard Features:

- ECM Motors, direct drive plenum fans, CFM airflow station on supply and return fans.
- Enthalpy wheel is aluminum substrate with 3 angstrom molecular sieve desiccant, energy recover carry-over shall not exceed 0.45% as certified by a third party test agency.
- Enthalpy wheel shall have stepper motor allowing speed control from 0.5 – 20 rpm. Unit controller shall manage rotor speed to optimize energy transfer, purge sector airflow, and avoid frosting.
- Unit shall include factory installed and tested controls, field configurable to achieve specified operating functions. Controls shall maintain the airflow setpoint regardless of air density, filter loading or ESP.
- Units shall be service accessible from one side. Filters shall be side loaded and seal against fixed frame on all four sides of each filter.
- Entering air temperature should be 23°F or above to the coil in heat pump operation.
- Unit shall include factory engineered integration between AHU and Samsung Universal
- Unit shall include factory engineered integration between AHU and Samsung Universal Communication kit. Samsung Universal Communication kit and EEV kit shall be factory installed, including refrigerant piping, wiring of thermistors, and controls.

