

ENERGY RECOVERY WHEEL (HRW-1)		
	ITEMS	VALUES
ENERGY WHEEL	AIR PRESSURE DROP- SUPPLY INCHES H2O	0.80
	AIR PRESSURE DROP- RETURN INCHES H2O	0.80
	FACE VELOCITY SUPPLY FPM	750
	FACE VELOCITY EXHAUST FPM	750
	DIAMETER (INCHES)	AS REQ'D
	DEPTH(INCHES)	AS REQ'D
	WHEEL EFFECTIVENESS	0.78
	MOTOR HP	FRACTIONAL
AIR FLOWS	SUPPLY (CFM)	8000
	EXHAUST(CFM)	9000
ENERGY WHEEL SUMMER CONDITIONS	OUTSIDE AIR ENT DB/WB (DEG F)	96/78
	VENTILATION AIR LDB / LWB (DEG F)	84.91/69.4
	SPACE EXHAUST AIR EDB/EWB (DEG F)	80/66.6
ENERGY WHEEL WINTER CONDITIONS	OUTSIDE AIR ENT DB/WB (DEG F)	20/16.6
	VENTILATION AIR LDB / LWB (DEG F)	56.05/47.7
	SPACE EXHAUST AIR EDB/EWB (DEG F)	72/54.3
NOTE: NEW HEAT WHEEL SHALL BE EQUAL TO 'SEMCO'		