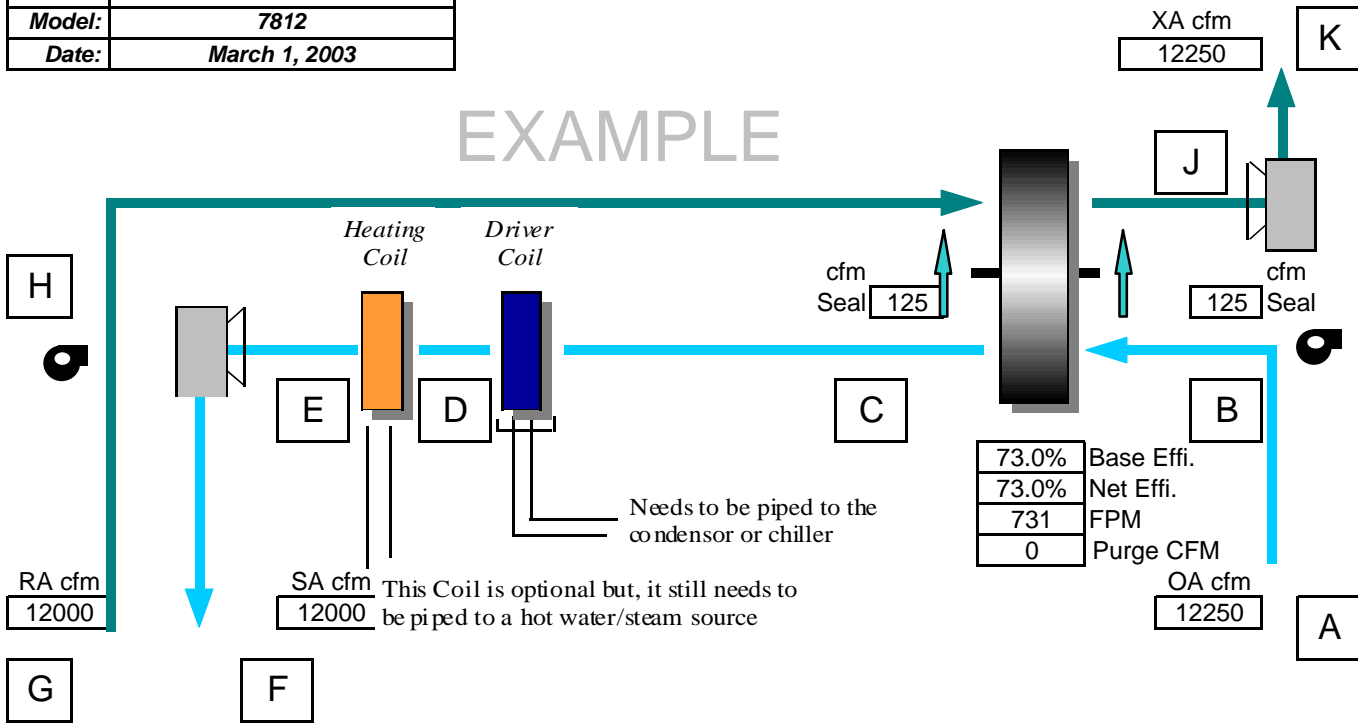


Flow Diagram-SRC EXAMPLE

Unit ID:	ERU-1
Model:	7812
Date:	March 1, 2003

EXAMPLE



Cooling

	A	B	C	D	E	F	G	H	J	K
db	98.0	99.0	82.2	55.0	55.0	56.0	75.0	76.0	92.8	93.8
wb	78.7	78.9	67.7	55.0	55.0	55.4	62.4	62.8	75.1	75.4
RH%	43.0	41.7	47.8	100.0	100.0	96.4	49.7	48.1	44.5	43.1
Btu/Lbs.	42.1	42.4	32.1	23.3	23.3	23.5	28.1	28.4	38.6	38.8
gr./lbs.	118.0	118.0	79.2	64.9	64.9	64.9	64.8	64.8	103.6	103.6
	OA EAT	Motor LAT	Rotor LAT	C Coil	H Coil	SA LAT	RA EAT	Motor LAT	Rotor LAT	XA LAT

85.0 TONS OF COOLING REQUIRED (Conventional Method)

0.0 indicates not calculated

45.0 TONS OF FREE COOLING (BERI Unit)

DX Coil Type of Cooling

40.0 TONS OF COOLING REQUIRED (BERI Unit)

Heating

	A	B	C	D	E	F	G	H	J	K
db	0.0	1.0	52.1	52.1	99.0	100.0	70.0	71.0	19.9	20.9
wb	-1.2	-0.4	44.9	44.9	63.8	64.1	55.7	56.1	19.5	20.2
RH%	59.7	56.6	56.6	56.6	11.8	11.5	39.9	38.6	94.4	90.0
Btu/Lbs.	0.5	0.7	17.6	17.6	28.9	29.2	23.6	23.9	6.9	7.2
gr./lbs.	3.3	3.3	32.8	32.8	32.8	32.8	43.7	43.7	14.2	14.2
	OA EAT	Motor LAT	Rotor LAT	C Coil	H Coil	SA LAT	RA EAT	Motor LAT	Rotor LAT	XA LAT

1548620 BTUH OF LATENT HEAT REQUIRED (Conventional Method)

0.0 indicates not calculated

922456 BTUH OF FREE LATENT HEATING (BERI Unit)

678342 BTUH OF FREE SENSIBLE HEATING (BERI Unit)

623658 BTUH. OF SENSIBLE HEAT REQUIRED (BERI Unit)

Hot Water Type of Heating

Yes Defrost Heater required