

Vancouver

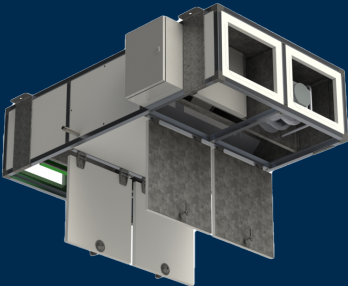
Save \$3,000 with Energy Recovery Ventilation

- 01 Design OA Winter
15°F DB / 14°F WB
- 02 Design OA Summer
82°F DB / 68°F WB
- 03 RA Winter
70°F DB / 53°F WB
- 04 RA Summer
75°F DB / 63°F WB

1,500 CFM - With Bypass
Economizer (Free Cooling) | Defrost

	Summer	Winter
Sensible Effectiveness (%)	73.3	72.6
Latent Effectiveness (%)	59.8	61.2
BTU/H Saved	17,348	79,655

~1.5T reduction in equipment size (CU)
~1.5 x \$2,000 = \$3,000 capital savings



SUMMER LEAVING AIR PERFORMANCE

DB(°F)	WB (°F)
76.9	64.7

WINTER LEAVING AIR PERFORMANCE

DB(°F)	WB (°F)
54.9	43.5



Boston

Save \$8,000 with Energy Recovery Ventilation

01

Design OA Winter

5°F DB / 4°F WB

02

Design OA Summer

90°F DB / 75°F WB

03

RA Winter

70°F DB / 53°F WB

04

RA Summer

75°F DB / 63°F WB

1,500 CFM - With Bypass

Economizer (Free Cooling) | Defrost

	Summer	Winter
Sensible Effectiveness (%)	73.3	72.5
Latent Effectiveness (%)	59.7	61.4
BTU/H Saved	43,975	94,190

~4T reduction in equipment size (CU)

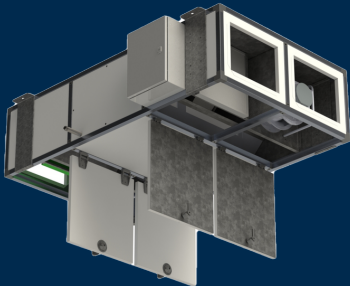
~4 x \$2,000 = \$8,000 capital savings

SUMMER LEAVING AIR PERFORMANCE

DB(°F)	WB (°F)
79	67.5

WINTER LEAVING AIR PERFORMANCE

DB(°F)	WB (°F)
52.1	41.6





Miami

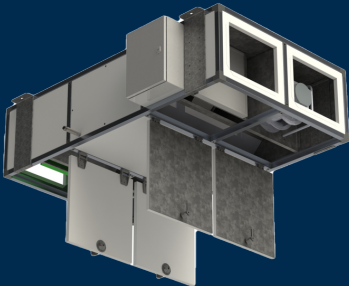
Save \$10,000 with Energy Recovery Ventilation

- 01** Design OA Winter
47.7°F DB / 47.6°F WB
- 02** Design OA Summer
95°F DB / 78°F WB
- 03** RA Winter
70°F DB / 53°F WB
- 04** RA Summer
75°F DB / 63°F WB

1,500 CFM - With Bypass
Economizer (Free Cooling) | Defrost

	Summer	Winter
Sensible Effectiveness (%)	73.4	72.9
Latent Effectiveness (%)	59.6	60.6
BTU/H Saved	57,011	16,542

~5T reduction in equipment size (CU)
~5 x \$2,000 = \$10,000 capital savings



SUMMER LEAVING AIR PERFORMANCE

DB(°F)	WB (°F)
80.3	68.8

WINTER LEAVING AIR PERFORMANCE

DB(°F)	WB (°F)
64	52.1

Phoenix

Save \$8,000 with Heat Recovery Ventilation

- 01 Design OA Winter
38.7°F DB / 38.6°F WB
- 02 Design OA Summer
110.3°F DB / 69.6°F WB
- 03 RA Winter
70°F DB / 53°F WB
- 04 RA Summer
75°F DB / 63°F WB

1,500 CFM - With Bypass
Economizer (Free Cooling) | Defrost

	Summer	Winter
Sensible Effectiveness (%)	80.4	80.4
BTU/H Saved	46,490	41,150

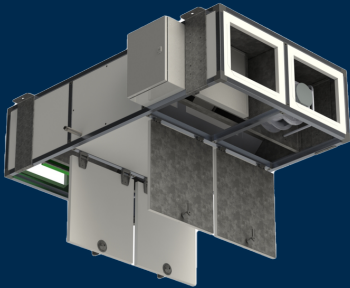
SUMMER LEAVING AIR PERFORMANCE

DB(°F)	WB (°F)
81.9	60.3

WINTER LEAVING AIR PERFORMANCE

DB(°F)	WB (°F)
63.9	50.8

~4T reduction in equipment size (CU)
~4 x \$2,000 = \$8,000 capital savings



Vancouver

Save \$2,000 with Heat Recovery Ventilation

- 01** Design OA Winter
15°F DB / 14°F WB
- 02** Design OA Summer
82°F DB / 68°F WB
- 03** RA Winter
70°F DB / 53°F WB
- 04** RA Summer
75°F DB / 63°F WB

1,500 CFM - With Bypass
Economizer (Free Cooling) | Defrost

	Summer	Winter
Sensible Effectiveness (%)	80.4	80.7
BTU/H Saved	9,294	55,283

SUMMER LEAVING AIR PERFORMANCE

DB(°F)	WB (°F)
76.4	66.2

WINTER LEAVING AIR PERFORMANCE

DB(°F)	WB (°F)
61.9	42.6

~1T reduction in equipment size (CU)
~1 x \$2,000 = \$2,000 capital savings

