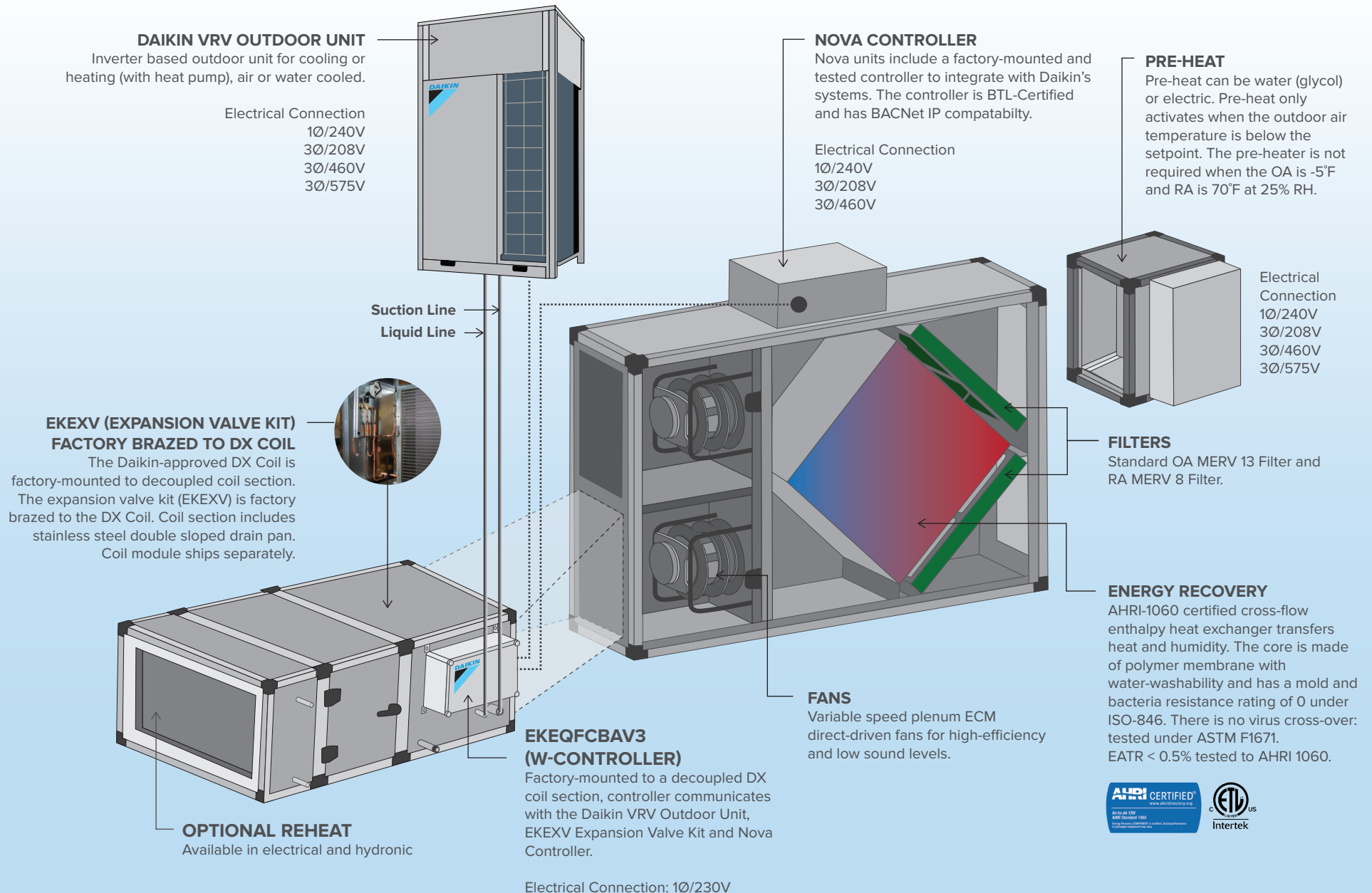


# NOVA SERIES WITH DAIKIN VRV INTEGRATION

FOR INDOOR AND OUTDOOR APPLICATIONS



# PERFORMANCE DATA

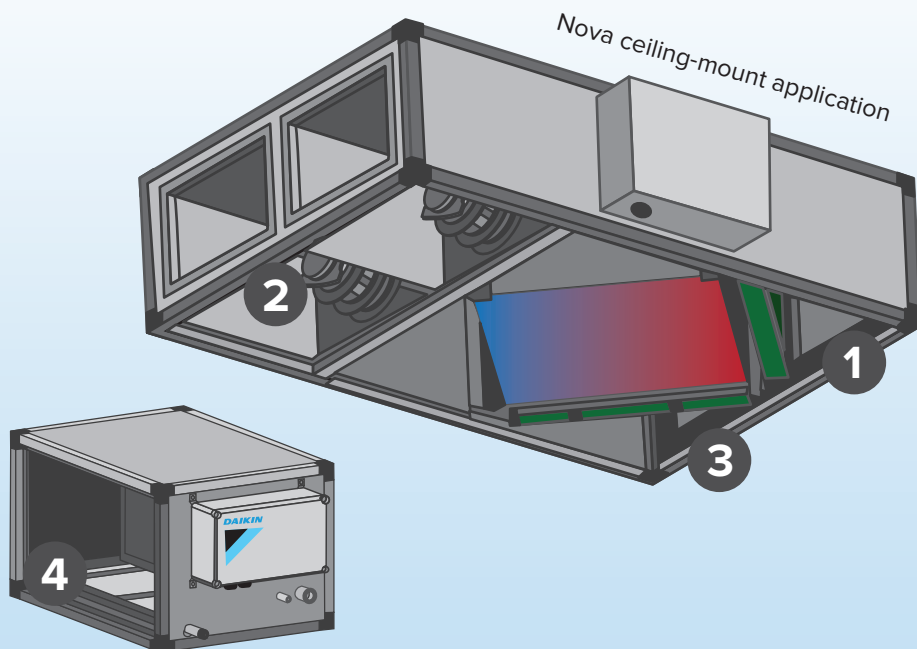
FOR INDOOR AND OUTDOOR APPLICATIONS

OXYGEN 8

HAVTECH



SUMMER AND WINTER CONDITIONS



1

**Outdoor Air**  
95°F DB, 78°F WB

2

**Post Energy Recovery Temperature**  
81.9°F DB, 69.9°F WB  
Sensible Effectiveness: 65.28%  
Latent Effectiveness: 50.91%  
Total Effectiveness: 56.36%

3

**Return Air**  
75°F DB, 62.5°F WB

4

**Supply Air**  
55°F DB, 54°F WB

1

**Outdoor Air**  
-5°F DB, -5.2°F WB

2

**Post Energy Recovery Temperature**  
44°F DB, 34.9°F WB  
Sensible Effectiveness: 65.28%  
Latent Effectiveness: 50.91%  
Total Effectiveness: 62.8%

3

**Return Air**  
70°F DB, 51°F WB

4

**Supply Air**  
70°F DB, 50°F WB

## Nova Series Indoor Model Sizing and Airflow Ranges

Model	Rated Airflow (CFM)	ERV Dim. (W x L x H) in.	DX Coil Dim. (W x L x H) in.	DX + Reheat Coil Dim. (W x L x H) in.
A16	500 - 775	40 x 60 x 16	34 x 24 x 20	34 x 54 x 20
B20	800 - 1300	48 x 72 x 20	38 x 24 x 24	38 x 54 x 24
C20	1300 - 2300	60 x 84 x 20	50 x 24 x 26	50 x 54 x 26
C24	2300 - 2700	60 x 84 x 24	54 x 24 x 28	54 x 54 x 28
C30	2700 - 3200	60 x 84 x 30	60 x 24 x 30	60 x 54 x 30

## Nova Series Outdoor Model Sizing and Airflow Ranges

Model	Rated Airflow (CFM)	ERV Dim. (W x L x H) in.	DX Coil Dim. (W x L x H) in.	DX + Reheat Coil Dim. (W x L x H) in.
A18	500 - 775	18 x 62 x 42	36 x 24 x 22	36 x 54 x 22
B22	800 - 1300	22 x 74 x 50	40 x 24 x 26	40 x 54 x 26
C22	1300 - 2300	22 x 86 x 62	52 x 24 x 28	52 x 54 x 28
C26	2300 - 2700	26 x 86 x 62	56 x 24 x 30	56 x 54 x 30
C32	2700 - 3500	32 x 86 x 62	62 x 24 x 32	62 x 54 x 32
C40	3500 - 4400	62 x 86 x 40	64 x 24 x 34	64 x 54 x 34
C48	4400 - 5400	62 x 86 x 48	66 x 24 x 38	66 x 54 x 38
C58	5400 - 6600	62 x 86 x 58	70 x 24 x 42	70 x 54 x 42
C70	6600 - 8100	62 x 86 x 70	76 x 24 x 46	76 x 54 x 46

## Nova Units DX Coil Performance

Model	A16/18	B20/22	C20/22	C24/26	C30/32	C40	C48	C58	C70
EKEXV Size	2.5-Ton	4-Ton	6-Ton	8-Ton	12-Ton	16-Ton	24-Ton	24-Ton	24-Ton
Airflow (CFM)	775	1300	2200	2700	3500	4400	5400	6600	8100
<b>Cooling Capacity @ 81/66 EAT</b>									
Total (kBtu/h)	30.2	46.4	73.3	93.4	146.6	153.9	190.5	287	302.5
Sensible (kBtu/h)	22.1	34.1	53.9	69.3	105.4	113.5	136.6	203.2	218.9
LAT (DB/WB)	54.6 / 53.2	56.7 / 54.4	58.3 / 55.3	57.3 / 54.8	53.1 / 52.1	57.1 / 54.7	57.6 / 64.6	52.5 / 51.4	56 / 53.8
<b>Heating Capacity @ 45 EAT</b>									
Sensible (kBtu/h)	34.2	54.6	85.3	107.5	170.8	170.8	215.2	341.6	341.6
LAT (DB)	85.7	83.7	80.7	81.7	90	80.8	81.7	92.7	83.9