



## Quick Ship Program

Affinity Large YL

Premium efficiency in sizes from 8, 10 & 20 Tons



### Quick Ship Program

York offers quick shipment on a select range of Affinity Large YL Series units to support a growing demand for high-tonnage water source heat pumps. This program currently allows a maximum of three units of any one size and is available with the configurations and options listed inside.

# Affinity Large YL Series Configuration Options

Maximum of 3 units per size and voltage with a total of 6 units per order  
(call customer service if a higher quantity is needed)

- Vertical or Horizontal cabinets
- Left or Right return air
- Discharge air: top (vertical), end or side discharge (horizontal)
- Sizes: 095, 120, 240, 095 (horizontal), 120 (horizontal)
- Voltages: 208-230/60/3, 460/60/3
- Blower motor options: Standard or High Static
- 2" MERV 13 Air Filter
- All-aluminum Air Coil
- Insulated Water Coil
- Optional Sound Kit
- Optional Hot Gas Reheat
- Optional UPC DDC Controller (BACnet or Lon)
- Stainless Steel Condensate Drain Pan

## Nomenclature

1-3	4	5-7	8	9	10	11	12	13	14	15	16	17	18	19-20	21
YLX	V	120	T	L	4	O	A	C	A	N	N	A	4	SG	*

### Model Type

YLX = YL (Extended Range)

### Cabinet Configuration

H = Horizontal, unpainted (095, 120)  
V = Vertical, painted (095, 120, 240)

### Unit Capacity (MBTUH)

095, 120, 240 (verticals)  
095, 120 (horizontal)

### Cabinet Configuration

T = Vertical Top Discharge  
E = Horizontal End Discharge  
S = Side Discharge

### Return Air Configuration

L = Left  
R = Right

### Voltage

3 = 208-230/60/3  
4 = 460/60/3

### Future Option

O = Future

### Blower Motor Options

A = Std. Static/Std. Motor  
C = High Static/Std. Motor

### Vintage

B = Factory Use only

### Non-Standard Option Details

QP = 2" MERV 13 Disposable Filter (240 ONLY)  
SG = 2" Filter with Stainless Steel Drain Pan (095-120 ONLY)

### Air Coil

4 = Uncoated

### Control Options

A = Aurora™ Base Control (ABC)  
E = Aurora™ UPC w/BACnet  
F = Aurora™ UPC w/Lon

### Water Control

N = None

### Hot Gas Bypass/Reheat

N = None  
R = Hot Gas Reheat

### Sound Kit

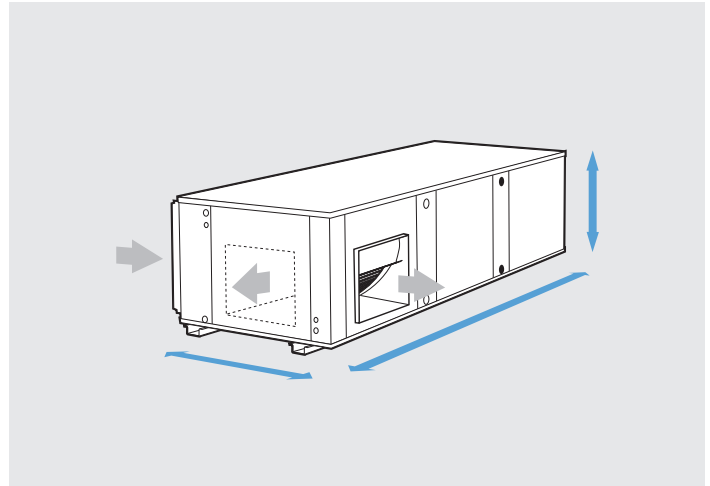
A = None  
B = Sound Kit

### Coax Options

C = Insulated Copper



# Model Sizing



Model	A	B	C
095 & 120	61.3"	34.0"	58.0"
240	88.1"	34.0"	68.0"

Model	A	B	C
095 & 120	89.0"	38.0"	23.8"

## Performance Data

### AHRI/ISO 13256-1 PERFORMANCE RATINGS

#### Belt Drive Motor

AHRI/ASHRAE/ISO 13256-1 English (IP) Units

Model	Flow Rate		Water Loop Heat Pump				Ground Water Heat Pump				Ground Loop Heat Pump			
			Cooling EWT 86°F		Heating EWT 68°F		Cooling EWT 59°F		Heating EWT 50°F		Cooling EWT 77°F		Heating EWT 32°F	
	gpm	cfm	Capacity Btu/h	EER Btu/h/W	Capacity Btu/h	COP	Capacity Btu/h	EER Btu/h/W	Capacity Btu/h	COP	Capacity Btu/h	EER Btu/h/W	Capacity Btu/h	COP
NLH095	24.0	3200	85,500	15.6	91,000	4.8	95,000	23.0	78,000	4.3	91,200	18.1	61,600	3.5
NLH120	28.0	3600	113,000	13.8	140,600	4.6	129,000	21.9	115,000	4.1	119,500	16.2	89,000	3.4
NLV095	24.0	2800	91,000	17.2	100,000	5.2	101,000	25.7	83,000	4.6	95,000	19.6	65,000	3.8
NLV120	28.0	3600	115,000	15.5	136,000	5.1	135,000	24.3	107,500	4.4	122,000	18.0	83,000	3.6
NLV240*	60.0	7600	240,000	16.3	296,000	5.2	264,000	22.5	237,000	4.6	246,000	17.4	184,000	3.8

12/09/08

Cooling capacities based upon 80.6°F DB, 66.2°F WB entering air temperature  
 Heating capacities based upon 68°F DB, 59°F WB entering air temperature  
 All ratings based upon 208V operation.

\*Ratings for models NLV/NXV160-300 are outside the scope of the AHRI Water to Air/Brine to Air Heat Pumps Certification Program.



Commercial Product Line



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