

GOING UP.

Residential, Luxury & Hospitality
High Rise Projects



HTS New York

One Penn Plaza, Suite 2014
New York, NY 10119
(516) 747-9477

www.hts.com/new-york



Delivering Real Success®

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About HTS New York

HTS New York is a premier HVAC equipment integrator in the New York region.

We focus on numerous vertical markets including healthcare, laboratories, and residential, luxury and hospitality high-rise construction. We provide the highest level of technical expertise when it comes to custom air handling design and heat recovery technologies in the region.

Our main goal is to provide real HVAC solutions to assist owners, engineers and contractors in design and build applications.

Tagline

Delivering Real Success®

Specialties

- Equipment selection & design
- Project management
- LEED/green design
- Building Information Modeling (BIM)
- High rise HVAC design
- Custom air handling
- Heat recovery
- Multiple-fan arrays
- Water-source heat pumps
- Packaged central plants

Products



Contact

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Principals
Stephen Madaffari
Eric Derasse
Jason Eitel

Quality matters.

17,840



vertical-stacked water-source heat pumps installed in NYC



Omega manufactures the **quietest** water-source heat pumps (WSHPs) of its kind. As such, they are most often used in high-end, sound-sensitive applications like luxury condominiums and 5-star hotels in NYC.

At HTS NY, we not only sell the quietest product in the market, but we serve it with what we call the **“white glove treatment”**. Each project is specifically managed by trained professionals who are familiar with the design and business end of high rise facilities. Because of this attention to detail and customer service, we find clients coming back again and again.

We work with everyone involved in the construction process, from owners and engineers to develop the initial designs, to the general and mechanical contractors who are doing the installations. Simply put, **we can do it all.**

455 WEST 20TH STREET



Project Type
Condominiums

Architect
Beyer Blinder Belle

Engineer
Edwards & Zuck

Owner/Developer
The Brodsky Org

General Contractor
Ryder Construction, Inc.

Mechanical Contractor
P.I. Mechanical

This project was designed for ultra-luxury living in a very desirable neighborhood. The Omega Gold Series product was used in the design for its ultimate performance in acoustics and was very effective during construction with the full-slab height cabinets and intermediate flexible connections. We used a flange-less access panel with a taped-in edge and custom paint (to match wall) in order to conceal the product while providing the superior level of access provided with all of our installations. In addition to the residential heat pump products, HTS also provided some custom water-source heat pumps to provide the necessary outside-air make up to the building while utilizing plate-frame heat exchangers to decrease required mechanical cooling and provide free reheating for neutral-air delivery. These units were designed to fit through an existing window in the landmark facade of the low-rise portion of the project.

RIVERSIDE CENTER, BLDG. K1

Project Type
Condominiums

Architect
GHWA Architects

Engineer
WSP Flack + Kurtz

Owner/Developer
Extell Development

General Contractor
Tishman Construction

Mechanical Contractor
A.D. Winston Corporation

This project was not only impressive in the numbers (900 heat pumps), but also in the unique aspects of the job. We developed custom return-access panels to accommodate smaller space allocations and incorporated a 2-stage fan sequence for optimal dehumidification control and acoustics. Our project management team was put to the test with the sheer size of the project, but they handled it with ease and professionalism. The project went so well that it led to the developer to use HTS for 250 South Street, another large-scale project that needed 1400 units.



Experience matters.

Projects installed with vertical-stacked heat pumps

Installed Project	HP Qty	Project Type	Architect	Engineer	Owner/Developer	GC / CM	Mechanical Contractor
225 East 34th Street	500	Condos	SLCE Architects	Cosentini Associates	LCOR Incorporated	Plaza Construction	United Air Conditioning
735 6th Avenue	550	Condos	SLCE Architects	Cosentini Associates	LCOR Incorporated	Plaza Construction	United Air Conditioning
35 West 21st Street	300	Condos	SLCE Architects	Cosentini Associates	Roseland Properties	Plaza Construction	JT Falk & Company
462 West 58th Street	300	Condos	FX Fowle Architects	Dagher Engineering	Alchemy Properties	Alchemy Properties	Horizon Mechanical
2130 AC Powell Blvd.	150	Condos	GF55 Partners	AKF Engineers	Cogswell Realty	Knickerbocker II Construction	Ro-Sal Plumbing & Heating
Hotel Indigo (Chelsea)	200	Hotel	Nobutaka Ashihara	Lehr Consulting International	Fortuna Realty	Pav-lak General Contracting	Danica Group
303 East 77th Street	250	Condos	FX Fowle Architects	Dagher Engineering	Alchemy Properties	Alchemy Properties	Horizon Mechanical
250 East 49th Street	300	Condos	Sydness Architects	Edwards & Zuck	Castle Development Group	Pav-lak General Contracting	Prestige Air & Design
255 4th Avenue	150	Condos	KSQ Architects	TSF Design	Essex Capital Partners	Mega Contracting	TWS Contracting
Yotel West 42nd Street	700	Hotel	Ismael Leyva Architects	JB&B Consulting Engineers	Related Companies	Tishman Construction	KSW Mechanical Services
57 Reade Street	250	Condos	SLCE Architects	TS Associates	John Buck Company	Pavarini McGovern	Martin Associates
291 Union Street	150	Condos	Rogers Marvel Architects	Ettinger Engineering	Alchemy Properties	Alchemy Properties	Horizon Mechanical
Viceroy Hotel West 57th Street	300	Hotel	Gene Kaufman Architects	AMA Consulting Engineers	Willow Hotels	Hunter Roberts Construction Group	KSW Mechanical Services
455 West 20th Street	150	Condos	Beyer Blinder Belle	Edwards & Zuck	The Brodsky Organization	Ryder Construction Inc.	Pl. Mechanical
23 West 116th Street	200	Condos	S9 (Perkins Eastman)	Rodkin Cardinale Consulting Eng.	L+M Development Partners	Chatsworth Builders Group	Ro-Sal Plumbing & Heating
135 West 52nd Street	500	Condos	Cetra Ruddy	Cosentini Associates	Chetrit Group	New Line Structures	Demar Mechanical
Hotel Indigo (Lower East Side)	300	Hotel	Isaac & Stern Architects	Edwards & Zuck	Brack Capital Real Estate	T.G. Nickel & Associates	Peak Mechanical
400 Park Avenue South	350	Condos	Handel Architects	Cosentini Associates	Toll Brothers City Living	Lend Lease Construction LMB	Epic Mechanical Contractors
Riverside Center, Bldg. K1	800	Condos	GHWA Architects	WSP Flack + Kurtz	Extell Development	Tishman Construction	A.D. Winston Corporation
71 Smith Street	300	Condos	Goldstein, Hill & West	WSP Flack + Kurtz	Flank	Lettire Construction Corp.	Target Mechanical
Riverside Center, Bldg. 2	1000	Rental Apartments	SLCE Architects	WSP Flack + Kurtz	The Dermot Company	Tishman Construction	KSW Mechanical Services
Brooklyn Bridge Park Pierhouse	450	Condos	Rogers Marvel Architects	Dagher Engineering	Toll Brothers City Living	Hudson Meridian Const Group	CPN Mechanical

Installed Project	HP Qty	Project Type	Architect	Engineer	Owner/Developer	GC / CM	Mechanical Contractor
252 East 57th Street	300	Condos	SLCE Architects	WSP Flack + Kurtz	World-Wide Holdings Corp.	Lend Lease Construction LMB	Epic Mechanical Contractors
365 Bond Street	350	Rental Apartments	GHWA Architects	Ventrop ECG	The Lightstone Group	Lettire Construction Corp.	Demar Mechanical
7 West 21st Street	600	Condos	Stephen B. Jacobs Group	FMC Engineering	Rose Associates	Cauldwell Wingate	Martin Associates
84 Williams Street	150	Hotel	Asfour Guzy	FMC Engineering	Prodigy Network Group	Collaborative Construction Management	Demar Mechanical
222 East 40th Street	560	Rental Apartments	Handel Architects	Cosentini Associates	Fisher Brothers	Plaza Construction	Martin Associates
Flushing Tower, Tower 6	360	Condos	ArchitectsAlliance	Cosentini Associates	Onex RE Partners	Noble Construction Group	Alliance Mechanical Group
20 West 40th Street	150	Condos	David Chipperfield Architects	WSP Flack + Kurtz	HFZ Capital Group	T.G. Nickel & Associates	CPN Mechanical
Flushing Tower, Tower 7	420	Condos	ArchitectsAlliance	Cosentini Associates	Onex RE Partners	Noble Construction Group	Alliance Mechanical Group
100 Barrow Street	120	Condos	Barry Rice Architect	Edwards & Zuck	Toll Brothers City Living	Toll Brothers City Living	Versatile Mechanical Services
600 West 58th Street	120	Condos	Studio V Architecture	Cosentini Associates	Durst Organization	CNY Group LLC	Centrifugal Associates Group
Flushing Tower, Tower 8	430	Condos	ArchitectsAlliance	Cosentini Associates	Onex RE Partners	Noble Construction Group	Alliance Mechanical Group
Red Hook Lane	200	Rental Apartments	Ennead Architects	Rodkin Cardinale Consulting Eng.	Quinlan Development Group	CM & Associates	Pro-Air Mechanical
118 Fulton Street	800	Rental Apartments	SLCE Architects	Edwards & Zuck	Carmel Partners	Time Square Construction & Development	Eastern Air
525 West 52nd Street	550	Rental Apartments	Handel Architects	Cosentini Associates	Taconic/Ritterman	Gilbane	Martin Associates
55 Bank Street	380	Rental Apartments	SLCE Architects	Cosentini Associates	LCOR Incorporated	Fuller Construction Management	AMX Mechanical
30-02 39th Avenue	510	Rental Apartments	Gerner Kronick + Valcarcel	Ventrop ECG	The Lightstone Group	Leeding Builders Group	Forward Mechanical Corp.
QPRD, Building 2	820	Rental Apartments	Goldstein, Hill & West	Edwards & Zuck	Tishman Speyer	Triton Construction	R&S United Services
203 Jay Street	380	Rental Apartments	Woods Bagot	Cosentini Associates	Amtrust Realty Corp.	Bravo Builders	R&S United Services
152 East 87th Street	230	Rental Apartments	Ismael Leyva Architects	MGE Engineering	Meyers Parking Inc.	CM & Associates	Unlimited Mechanical
613 Baltic Street	130	Condos	VOA Architecture	Dagher Engineering	JDS Development Group	JDS Development Group	Forward Mechanical Corp.
250 South Street	1400	Condos	AAI Architects, P.C.	ICOR Associates	Extell Development	Lend Lease Construction LMB	Command Cooling
846 6th Avenue	120	Condos	FX Fowle Architects	WSP Flack + Kurtz	Alchemy Properties / Carlyle Group	Leeding Builders Group	Forward Mechanical Corp.
214-222 East 44th Street	610	Condos	SLCE Architects	Edwards & Zuck	BLDG Management Co, Inc.	Noble Construction Group	Pace Mechanical Corp.

Give us a call today.

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