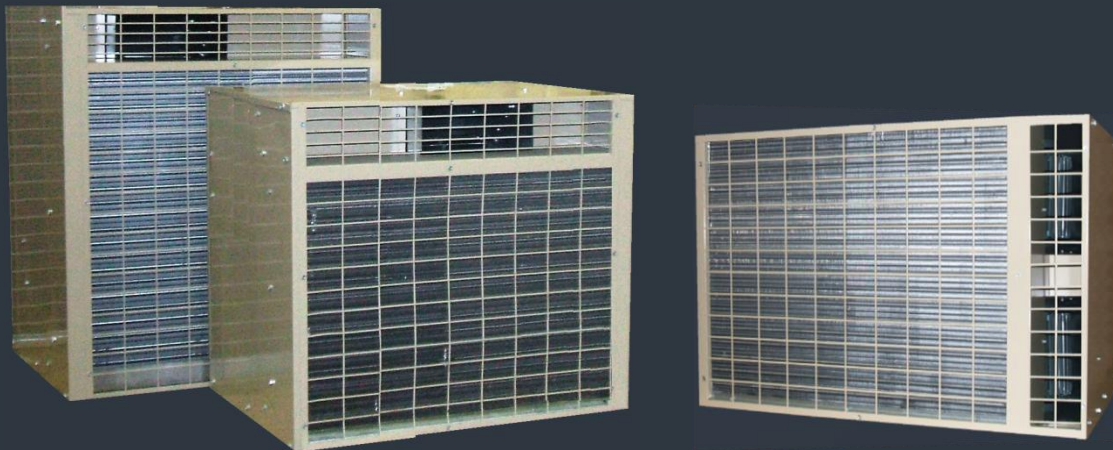


AeroSys

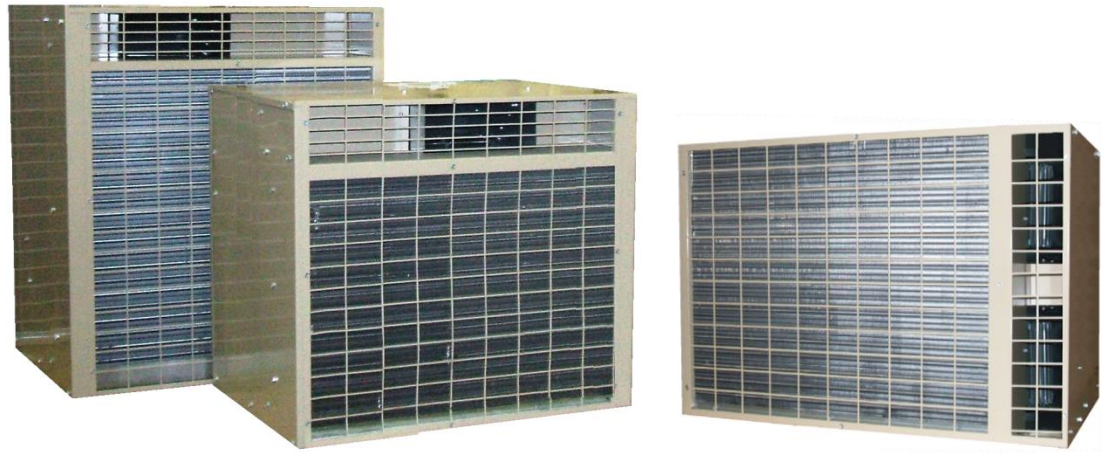
INCORPORATED

Thru-The-Wall

THDC Series R-410A Condensing Units



ALL UNITS MEET 2010 DOE STANDARDS / ARI 210/240 CONDITIONS



T / S SIZE CABINETS SHOWN

R-SD (SIDE DISCHARGE) CABINETS SHOWN

1-1/2 To 2-1/2 Ton Available In 3 Cabinet Sizes

Model	Wide	High	Deep	SEER	BTU
THDC-18RGA-SD	29-1/2	23	18-1/2	12	18,900
THDC-18SGA	26	28-5/8	18-1/2	12	18,800
THDC-18TGA	23-3/4	32	18-1/2	12	19,000
THDC-24RGA-SD	29-1/2	23	18-1/2	12	24,500
THDC-24SGA	26	28-5/8	18-1/2	12	23,900
THDC-24TGA	23-3/4	32	18-1/2	12	24,100
THDC-30RGA-SD	29-1/2	23	18-1/2	12	27,700
THDC-30SGA	26	28-5/8	18-1/2	12	29,000
THDC-30TGA	23/3-4	32	18-1/2	12	28,400
Electrical	Voltage	AWG Wire	FLA	MCA	Max Fuse
THDC-18 () GA	208-230/1/60	14 Ga	11.1	13.4	15 AMP
THDC-24 () GA	208-230/1/60	12 Ga	13.5	16.4	20 AMP
THDC-30 () GA	208-230/1/60	12 Ga	15.4	18.8	25 AMP

Indoor Unit	Carrier*	CFM	Voltage
THDC-18 () GA	FV4CNF003	650	208-230/1/60
THDC-24 () GA	FV4CNF005	880	208-230/1/60
THDC-30 () GA	FV4CNF005	950	208-230/1/60

STANDARD DESIGN

- High Efficiency Scroll Compressor
- Advanced Coil Design
- Over Sized Direct Drive Blower
- Two Screw Blower Slide Out
- CNC Punched Safety Screen / Powder Coat
- Non Corrosive Hardware
- Powder Coated Cabinet
- 1-1/2 -2 Ton (Single Blower W-ECM Motors)
- 2-1/2 Ton (Dual Blowers)



STANDARD DESIGN
THDC-"T" SERIES
SHOWN

Model Number	Blower Discharge	Weight	Compressor	Liquid / Vapor
THDC-18RGA-SD	Side	175 lbs.	Scroll	3/8" / 3/4"
THDC-18SGA	Top	175 lbs.	Scroll	3/8" / 3/4"
THDC-18TGA	Top	175 lbs.	Scroll	3/8" / 3/4"
THDC-24RGA-SD	Side	180 lbs	Scroll	3/8" / 3/4"
THDC-24SGA	Top	180 lbs	Scroll	3/8" / 3/4"
THDC-24TGA	Top	180 lbs	Scroll	3/8" / 3/4"
THDC-30RGA-SD	Side	191 lbs	Scroll	3/8" / 3/4"
THDC-30SGA	Top	191 lbs	Scroll	3/8" / 3/4"
THDC-30TGA	Top	191 lbs	Scroll	3/8" / 3/4"
Electrical	Motor Amps	Motor HP	Compressor RLA	Compressor LRA
THDC-18 () GA	2	0.25	9.1	48.0
THDC-24 () GA	2	0.25	11.5	58.3
THDC-30 () GA	2	0.25	13.4	64.0

*AeroSys THDC series units are compatible with most indoor air handlers. All specifications are subject to change without notice.



Accepted For Use
City of New York
Department of Buildings
MEA 85-04-E



Listing # E112295
Complies with
UL 1995
Heating & Cooling
Equipment



FRONT VIEW
OPTIONAL
ARCHITECTURAL
LOUVER & ATTACHED
WALL SLEEVE
S-SERIES SHOWN

2 YEAR
Parts Warranty
5 YEAR
Compressor Warranty

AeroSys Cross Reference List

Brand	Model	Wide	High	Type	AeroSys Model
Dunham-Bush	WCR-18/24/30	30	24	Condensing	R Size
Dunham-Bush	VCR-24	30-5/8	29-1/2	Condensing	R Size
Dunham-Bush	VCR-30	36-1/4	29-1/2	Condensing	R Size
Dunkirk	DRCU-018/024/030-4010	29-1/2	23	Condensing	R Size
First Company	WCU-18/24/30-CB	29-1/2	23	Condensing	R Size
First Company	WCX-18/24/30-CB	29-1/2	23	Condensing	R Size
Hydro Therm / Space Pack	WCR-18/24/30	30	24	Condensing	R Size
Johnson / Aire Ease	CW-18/24-PR	30	23	Condensing	R Size
Luxaire	ECD-018/024/030-FNA	29	26	Condensing	R Size
National Comfort Products	NCPB-018/024/030-4010	23	29-1/2	Condensing	R Size
National Comfort Products	NCPC-018/024/030-4010	23	29-1/2	Condensing	R Size
National Comfort Products	NCPC-418/424/230-4010	23	29-1/2	Condensing	R Size
National Comfort Products	DSHP-018/024/030-4010	23	29-1/2	Heat Pump	R Size
Westinghouse	SLO-018-024-030	29-1/2	23	Condensing	R Size
York	H1DC-018/024/030	29-1/2	23	Condensing	R Size
Bryant/Day & Night/Payne	566C-014/018/024/030	26	28-5/8	Condensing	S Size
Bryant/Day & Night/Payne	566D-014/018/024/030	26	28-5/8	Condensing	S Size
Bryant/Day & Night/Payne	566E-014/018/024/030	26	28-5/8	Condensing	S Size
Carrier	38GK-014/018/024/030	26	28-5/8	Condensing	S Size
Dunham-Bush	VCR-24	30-5/8	29-1/2	Condensing	S Size
Dunham-Bush	VCR-30	36-1/4	29-1/2	Condensing	S Size
Dunkirk	DRCU-018/024/030-1010	26	28-5/8	Condensing	S Size
Dunkirk	DSHP-018/024/030-1019	26	28-5/8	Heat Pump	S Size
First Company	WCU-18/24/30-BB	25-3/4	28-5/8	Condensing	S Size
First Company	WCX-18/24/30-BB	25-3/4	28-5/8	Condensing	S Size
National Comfort Products	NCPB-018/024/030-1010	26	28-5/8	Condensing	S Size
National Comfort Products	NCPC-018/024/030-1010	26	28-5/8	Condensing	S Size
National Comfort Products	NCPC-418/424/230-1010	26	28-5/8	Condensing	S Size
National Comfort Products	DSHP-018/024/030-1010	26	28-5/8	Heat Pump	S Size
National Comfort Products	NCHP-018-1019	26	28-5/8	Heat Pump	S Size
Dunkirk	DRCU-018/024/030-3010	23-3/4	32	Condensing	T Size
EMI	VCH-018/024/030	22-3/8	32	Condensing	T Size
EMI	VHH-018/024/030	22-3/8	32	Heat Pump	T Size
Fedders	CWC-018/24B7C	24	32	Condensing	T Size
Fedders	CWC-028-B3C	24	32	Condensing	T Size
First Company	WCU-18/24/30-AB	24	32	Condensing	T Size
First Company	WCX-18/24/30-AB	24	32	Condensing	T Size
Goodman	TWC-18/24/30-1	24	32	Condensing	T Size
Lennox	HWS2A-21-2-FFC	24	34	Condensing	T Size
Lennox	HSW4-24/26/31-FFC	29	34-1/2	Condensing	T Size
Magic Chef	CBW-18/24/30-PRI	24	32	Condensing	T Size
National Comfort Products	NCPB-018/024/030-3010	23-3/4	32	Condensing	T Size
National Comfort Products	NCPC-018/024/030-3010	23-3/4	32	Condensing	T Size
National Comfort Products	NCPC-418/424/230-3010	23-3/4	32	Condensing	T Size
National Comfort Products	DSHP-018/024/030-3010	23-3/4	32	Heat Pump	T Size
National Comfort Products	NCHP-018/024/030-3019	23-3/4	32	Heat Pump	T Size
Rheem	CBW-18/24/28-B1Q	24	32	Condensing	T Size
Rheem	CBW-18/24/28-B1C	24	32	Condensing	T Size



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