

Features

These commercial units are designed to take advantage of 3 phase utility service for 460V applications

Durable Copeland® compressors, with internal pressure relief valves and inherent thermal protection

High quality condenser coil with copper tubing and enhanced louvered fin for maximum heat transfer capacity

Top discharge allows warm air and sound to be directed up and away from the serviced facility which also facilitates compact applications on multiple levels

All units run tested at the factory

Available with wire guard coil protection

Easy access to electrical panels, pre-wired for easy hook-up

Control panel allows simple access to internal components

45 degree service valves for easy hook-up and service

Liquid line filter drier installed in every unit

All units UL, ULC approved and ARI listed

Charged for 15 feet of interconnecting tubing

Warranties: 1 year parts; 5 year compressor (see warranty certificate for details).

Physical & Electrical

Model	Voltage/ Hz/Phase	Voltage Range	Min. Circuit Amp.	Max. Over- current Device (amps)	Compressor		Fan Motor			Refrigerant Connections		Refrig. Charge	Weight (lbs.)
					Rated Load (amps)	Locked Rotor (amps)	Rated Load (amps)	Rated HP	Nom. RPM	Liquid O.D. (in.)	Vapor O.D. (in.)		
HS29-036	460/60/3	414-506	6.9	10	5.1	39	.55	1/6	1110	3/8	3/4	4 lbs. 13 oz.	145
HS29-048	460/60/3	414-506	8.9	15	6.4	46	.90	1/3	1125	3/8	7/8	6 lbs. 0 oz.	191
HS29-060	460/60/3	414-506	10.2	15	7.4	59.6	.90	1/3	1100	3/8	1-1/8	8 lbs. 0 oz.	207

Sound Data

Model No.	¹ Sound Rating (dBA)
HS29A-036	78
HS29A-048	80
HS29A-060	80

¹Tested according to ARI Standard 270-95 test conditions.

Performance

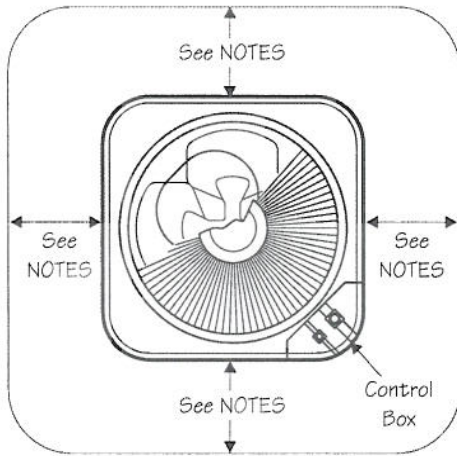
Outdoor Model	Indoor Model		SEER	EER	Rated ARI Capacity	kW	Req'd ID Expan. Device**
	Piston or Field Installed TXV	Factory Installed TXV					
HS29-036	E(U,C,M)1P30A,B+TXV	E(U,C,M)2T30A,B	10.00	9.40	34,000	10.0	A2TXV01
	E(U,C,M,H)1P36A,B,C+TXV	E(U,C,M)2T36A,B,C	10.00	9.80	36,200	10.6	A2TXV01
	E(U,C,M)1P48B,C+TXV	E(U,C,M)2T48B,C	10.00	9.85	36,800	10.8	A2TXV01
	E(C,M,U)1P30A/B/C	--	10.00	9.50	34,000	10.0	.073
HS29-048	E(U,C,M,H)1P36A,B,C+TXV	E(U,C,M)2T36A,B,C	10.00	9.25	45,000	13.2	A2TXV02
	E(U,C,M)1P48B,C+TXV	E(U,C,M)2T48B,C	10.00	9.25	46,000	13.5	A2TXV02
	E(U,C,M)1P50C+TXV	E(U,C,M)2T50C	10.00	9.25	46,000	13.5	A2TXV02
	E(U,C)1P60D+TXV	EC2T60D	10.00	9.35	47,000	13.8	A2TXV02
	E(U,C,H)1P62D+TXV	E(U,C)2T62D	10.00	9.50	48,000	14.1	A2TXV02
	E(U,C,M)1P48B/C	--	10.00	9.25	46,000	13.5	.086
	E(C,U)1P60D	--	10.00	9.35	47,000	13.8	.086
HS29-060	E(U,C,M)1P50C+TXV	E(U,C,M)2T50C	10.00	8.85	55,500	16.3	A2TXV02
	E(U,C)1P60D+TSV	EC2T60D	10.00	9.20	57,500	16.8	A2TXV02
	E(U,C,H)1P62D+TXV	E(U,C)2T62C	10.00	9.35	58,500	17.1	A2TXV02

** Orifice or TXV field supplied

Accessories

Kit Number	Description	Used with
31J21	Crankcase Heater	All
45F08	Compressor Low Ambient Cut-Out	All
47J27	Compressor Time-Off Control	All
53J40	Compressor Sound Cover	HS29A-036
93G35	Freezestat - 3/8 in. tubing	All
50A93	Freezestat - 5/8 in. tubing	All
17L73	Hail Guards	All
94J46	High Pressure Switch Kit	All
84M23	Loss of Charge Kit	All
24H77	Low Ambient Kit (TXV only)	All
69J06	Mounting Base	All
94J45	Unit Stand-Off Kit	All

Installation Clearances - In.



NOTES:

Service clearance of 30 in. must be maintained on one of the sides adjacent to the control box.

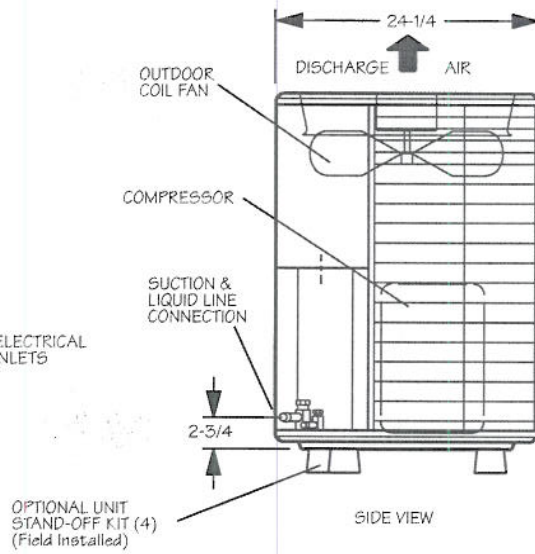
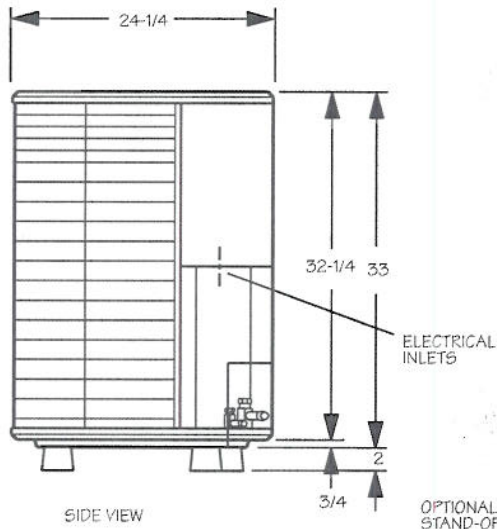
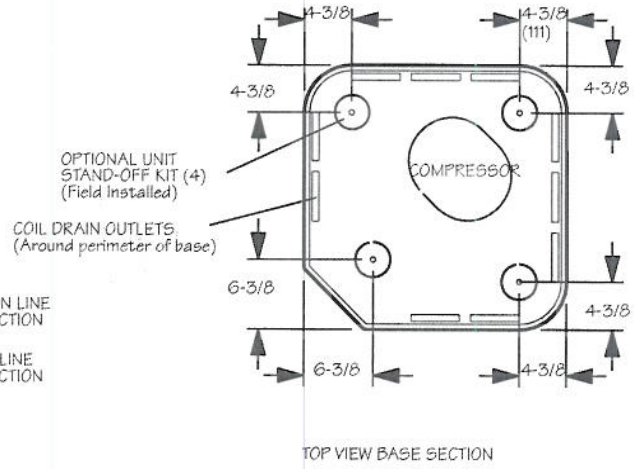
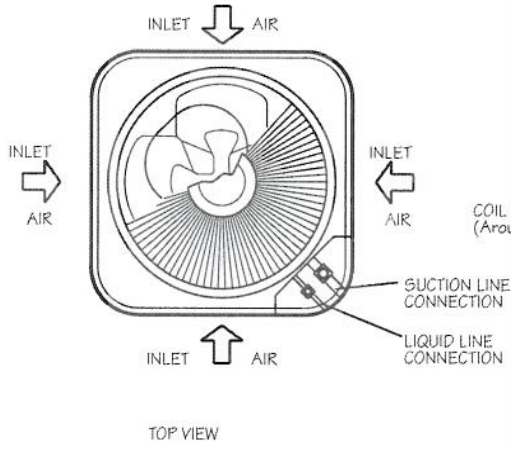
Clearance to one of the other three sides must be 36 in.

Clearance to one of the remaining two sides may be 12 in. and the final side may be 6 in.

A clearance of 24 in. must be maintained between two units.

48 in. clearance required for top of unit.

Dimensions - In.





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