

SPECIFICATIONS

MODEL	VHA09K	VHA09R	VHA12K	VHA12R	VHA18K	VHA18R	VHA24K	VHA24R								
COOLING DATA																
TOTAL COOLING CAP.	9300	9300	11500	11500	18400	18400	22500	22500								
SENSIBLE COOL CAP.	7440	7440	9085	9085	13430	13430	15750	15750								
POWER (W)	845	845	1045	1045	1670	1670	2045	2045								
EER	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0								
HEATER SIZE (kW)	2.5/3.4/5.0	2.5/3.4/5.0	2.5/3.4/5.0	2.5/3.4/5.0	2.5/3.4/5.0	2.5/3.4/5.0	2.5/3.4/5.0/7.5/10.0	2.5/3.4/5.0/7.5/10.0								
HEAT PUMP DATA																
REVERSE HEATING BTU	8300	8300	10600	10600	16700	16700	19500	19500								
COP @ 47F	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3								
HEATING POWER (W)	730	730	940	940	1480	1480	1732	1732								
HEATING CURRENT (A)	3.6	3.1	4.5	3.7	7.0	6.1	9.2	9.2								
ELECTRICAL DATA																
VOLTAGE (1 PHASE, 60 HZ)	208-230	265	208-230	265	208-230	265	208-230	265								
VOLT RANGE	197-253	239-292	197-253	239-292	197-253	239-292	197-253	239-292								
COOLING CURRENT (A)	4.1	3.5	4.9	4.0	7.9	7.0	10.5	10.5								
AMPS L.R	21.0	21.0	23.0	23.0	37.0	37.0	44.0	44.0								
INDOOR MOTOR (HP)	1/4	1/4	1/4	1/4	1/4	1/4	1/5	1/5								
INDOOR MOTOR (A)	1.2	1.2	1.2	1.2	0.42	0.42	1.4	1.4								
OUTDOOR MOTOR (HP)	—	—	—	—	1/4	1/4	1/4	1/4								
OUTDOOR MOTOR (A)	—	—	—	—	1.6	1.6	1.7	1.7								
PHYSICAL																
DIMENSIONS (W x D x H)	23" x 23" x 32"	23" x 23" x 32"	23" x 23" x 32"	23" x 23" x 32"	23" x 23" x 47"	23" x 23" x 47"	23" x 23" x 52"	23" x 23" x 52"								
NET WEIGHT (LBS)	142	144	147	149	190	192	225	227								
SHIPPING WEIGHT (LBS)	164	166	169	171	216	218	251	253								
TEST SETTING	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW								
R410A CHARGE (OZ)	38.0	38.0	42.1	42.1	58.5	58.5	62	62								
AIRFLOW DATA																
INDOOR CFM	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH
.10" ESP	430	490	430	490	430	490	430	490	630	675	630	675	660	700	660	700
.15" ESP	410	470	410	470	410	470	410	470	595	640	595	640	615	665	615	665
.20" ESP	360	440	360	440	360	440	360	440	550	600	550	600	575	625	575	625
.25" ESP	310	400	310	400	310	400	310	400	505	550	505	550	525	580	525	580
.30" ESP	260	350	260	350	260	350	260	350	455	500	455	500	485	540	485	540
.35" ESP	-	-	-	-	-	-	-	-	400	445	400	445	450	500	450	500
.40" ESP	-	-	-	-	-	-	-	-	345	400	345	400	415	465	415	465
VENT CFM																
UP TO " " CFM	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60

NOTES:

Cooling Standards: 95°F DB/75°F WB outdoor, 80°F DB/67°F WB indoor
 Heating Standards: 47°F DB/43°F WB outdoor, 70°F DB/60°F WB indoor
 Normal Value Wet Coil @ .1" ESP.

Rated CFM at Low Speed: VHA09....430 VHA12....430
 VHA18....600 VHA24....655

Due to continuing research in new energy-saving technology, specifications are subject to change without notice.



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