

Bulldog Hybrid Heat Pump InnKeeper/HomeKeeper Vertical Stack

IKV008-018 ($\frac{3}{4}$ - $1\frac{1}{2}$ Tons)

HKV016-036 ($1\frac{1}{4}$ - 3 Tons)

with 454 B refrigerant



Contained Chassis
No work required in the suite *EVER!*

Features of the Bulldog Vertical Stack Model

IKV008-018/HKV016-036

- Removing the need for studs results in the smallest footprint
- No maintenance required in the suite
- Enhanced IAQ with no standing water and S.S. drain pan
- QuickShip cabinets and risers available
- Fresh air connection directly to the cabinet
- Choice of front panel design available
- Easy to install riser bundles available
- Lowest sound levels in the industry during the heating mode and very quiet in the cooling mode
- Side and rear return air option for both inlet and outlet
- Integral ERV option
- Condensate drain clearly visible
- 100% self contained chassis ensures replacement in minutes and guarantees continued occupant comfort and no maintenance required in the suite

Standard on all Bulldog Units

- Hybrid Heat Pump with no reversing valves
- Hydronic heat
- Unit mounted microprocessor with safeties and diagnostics
- Factory mounted Demand Flow and Auto Flow valves optional
- Exceed ASHRAE 90.1 efficiency rating
- Quiet operation (Fan Coil sound levels in the heating mode)
- Special compressor isolation prevents 90% of vibration transmission
- Stainless Steel drain pan
- 454 B refrigerant
- Optimum efficiency at 2 USgpm/ton



IKV/HKV Heating and Cooling Capacities



Bulldog Hybrid Performance Data (English (I-P) Units) - 3 gpm/ton							
Model with ECM Motor	Refrigerant	Airflow (SCFM)		Water Flow	Water Loop Heat Pump		
		Cooling	Heating		Cooling 86F EWT		Heating 120F EWT
				(GPM)	Capacity (BTU/h)	EER	Capacity (BTU/h)
IKV008	R-454B	240	240	2.0	10101	15.9	12261
IKV010	R-454B	300	300	2.5	10222	16.1	13678
IKV012	R-454B	360	360	3.0	11709	15.0	15419
IKV015	R-454B	450	450	3.8	14672	15.4	18505
IKV018	R-454B	540	540	4.5	18057	14.1	21061
HKV016	R-454B	500	500	4.0	15995	17.8	23163
HKV020	R-454B	600	600	5.0	19758	17.8	26846
HKV024	R-454B	720	720	6.0	24045	16.6	30441
HKV030	R-454B	900	900	7.5	27539	15.5	35636
HKV036	R-454B	1080	1080	9.0	36330	17.5	44813
HKV042	R-454B	1260	1260	10.5	41751	15.8	52262
HKV048	R-454B	1440	1440	12.0	49141	15.2	57412

Cooling capacities based upon 80.6F DB, 66.2F WB entering air temperature.

Heating capacities based upon 68F DB, 59F WB entering air temperature.

All units AHRI/ASHRAE 13256-1 rated on high speed motor TAP.

All ratings based upon operation at lower voltage models.

Bulldog Hybrid Performance Data (English (I-P) Units) - 2 gpm/ton								
Model with ECM Motor	Refrigerant	Airflow (SCFM)		Water Flow	Water Loop Heat Pump			
		Cooling	Heating		(GPM)	Cooling 86F EWT		Heating 120F EWT
						Capacity (BTU/h)	EER	Capacity (BTU/h)
IKV008	R-454B	240	240	1.4	9836	14.9	11079	
IKV010	R-454B	300	300	1.7	9949	15.0	12359	
IKV012	R-454B	360	360	2.0	11405	14.1	13933	
IKV015	R-454B	450	450	2.5	14291	14.5	16721	
IKV018	R-454B	540	540	3.0	17555	13.3	19031	
HKV016	R-454B	500	500	2.8	15599	16.6	20930	
HKV020	R-454B	600	600	3.5	19289	16.8	24258	
HKV024	R-454B	720	720	4.0	23432	15.7	27507	
HKV030	R-454B	900	900	5.0	26804	14.8	32200	
HKV036	R-454B	1080	1080	6.0	35389	16.9	40493	
HKV042	R-454B	1260	1260	7.0	40604	15.4	47224	
HKV048	R-454B	1440	1440	8.0	47714	14.7	51877	

Cooling capacities based upon 80.6F DB, 66.2F WB entering air temperature.

Heating capacities based upon 68F DB, 59F WB entering air temperature.

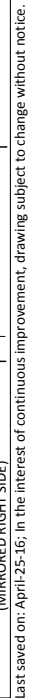
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January 16, 2025



ECN/R #:

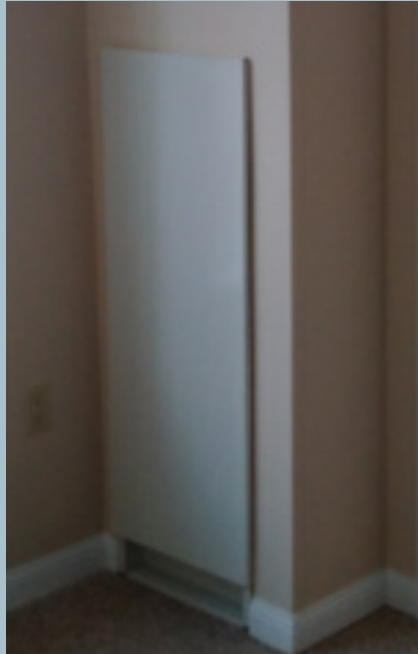


ECN/R #:



Panel Installation

Standard Panel



Optional Panel

