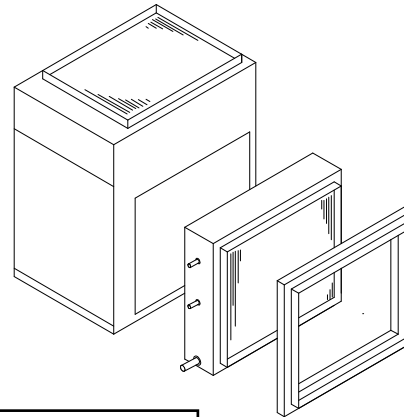


HPAH100/120

Heat pump air handlers with chilled/hot water coil for connection to a heat pump or storage tank.



HPAH30&60

Physical Properties

120 volt, 1 ph., less than 12 amps

Catalogue No.		Cabinet dimensions			Supply air	Return air	Shipping info.	
		w	d	h			weight	Dimensions
HPAH30	fan box	14"	20"	24.3"	12"x16"	14"x18"	70 lb.	15"x23"x27"
	slab coil	5"	23"	18"	-	14"x18"	22 lb.	6"x20"x24"
HPAH63	fan box	22"	25"	31.5"	20"x20"	18"x23"	90 lb.	23"x28"x35"
	slab coil	5"	25"	22"	-	18"x23"	32 lb.	6"x23"x26"
HPAH100/120	Sloped coil	22"	25"	53"	20"x20"	18"x23"	120 lb.	23"x28"x56"

- Energy efficient EC motor on all models.
- Suitable for 2-stage or single stage heat pumps.
- Unit mounts in any direction: up, down, horizontal discharge left or right. (horizontal mount for HPAH100/120 is special order from factory).
- Return air can be mounted on left or right side, bottom, or back of unit. Small dimensions (HPAH30/60) allows ceiling mounting or mounting above a water heater.
- Optional hydronic coil slides out front for easy servicing. (For electric heat, use a duct heater supplied by others)

Unit Specifications: HPAH air handlers

MODEL:	HPAH30	HPAH63	HPAH100	HPAH120
Nominal Airflow (CFM)	800	1200	2100	2400
Max. External Static Press. (in.w.c.)	0.5	0.5	0.5	0.5
Heating Capacity (Btu/hr.) @100F	13,000	27,000	44,000	47,000
Heating Capacity (Btu/hr.) @110F	17,000	36,000	59,000	63,000
Heating Capacity (Btu/hr.) @120F	22,000	45,000	74,000	80,000
Cooling Capacity (Btu/hr.) @35F	23,000	40,000	66,000	70,000
Cooling Capacity (Btu/hr.) @40F	19,000	35,000	58,000	61,000
Cooling Capacity (Btu/hr.) @45F	16,000	30,000	49,000	52,000
Blower Motor Full Load (Amps)	5.5	5.5	10.3	12
Water Flow (usgpm)	3.0	4.8	11	11
Circulator Full Load (Amps)	0.6	0.8	1.2	1.2
Auxiliary Heating Capacity with optional water coil				
Heating Capacity (Btu/h) 140F water	30,000	63,000	63,000	63,000
Heating Capacity (Btu/h) 160F water	37,000	80,000	80,000	80,000
Heating Capacity (Btu/h) 180F water	48,000	99,000	99,000	99,000
Water Flow (usgpm)	3.0	4.8	4.8	4.8
Circulator Full Load (Amps)	0.6	0.8	0.8	0.8

Second stage (high speed) performance shown, first stage is approx. 70%

Options Available to the Installer

- 3 speed choices (when connected to single stage heat pump)
- optional 24vac dehumidistat connections to reduce cooling speed
- speed adjustment to reduce fan speed 10%-15% for fine tuning
- optional fan profile runs for 15 minutes at half speed for reduced fan noise