

HPAS G – Series Commercial Air Source Heat Pump



MODEL		HPAS-030G	HPAS-050G	HPAS-060G	HPAS-080G
HEATING CAPACITY	kW	30	52.2	64.8	78.4
COOLING CAPACITY	kW	24	36.5	44.4	53.4
COP HEATING		3.61	3.53	3.45	3.46
POWER INPUT	kW	8.30	14.78	18.76	22.6
HEAT RECOVERY RATE	lph	880	1,450	1,720	2,290
ELECTRICAL SUPPLY		380/50/3 V/Hz/Ph			
REFRIGERANT		R134a			
COMPRESSOR		Hermetic Scroll Compressor			
No. of compressor		1	2	2	2
EVAPORATOR COIL		Seamless Copper Tube / Aluminium Fin			
CONDENSER COIL		Patented High Efficiency Compact Helical Design Double Wall Type - UL Approved			
FANS		DIDW, Forward Curve			
No.		2	2	2	2
Fan diameter / width	Inch	9 x 9	12 x 12	12 x 12	12 x 12
Air flow	CMH	5,100	7,800	7,800	7,800
Ext. fan static	Inch of W.C.	0.25	0.25	0.25	0.25
Fan steps		3 speeds – off / low / high			
Drive		Direct Drive			
Motor	W	2 x 550	2 x 700	2 x 700	2 x 700
HYDRAULIC CIRCUIT		External Pump			
Water flow rate	lps	1.42	1.97	2.84	3.2
Pressure drop	kPa	20	25	20	30
Pipe Connection	Inch (ID)	1-1/2" (MTP)	1-1/2" (MTP)	2"-1/2" (MTP)	2" (MTP)
DIMENSIONS					
Width	mm	1,250	1,700	1,700	1,700
Depth	mm	1,200	1,200	1,200	1,200
Height	mm	1,476	1,700	1,700	1,700
MAX TEMPERATURE SETTING	Deg C	70	70	70	70
SOUND LEVEL @ 1 METER	dB (A)	64	63	68	71
WEIGHT (DRY)	Kg	350	520	575	600

Remark: 1) Performance and capacity ratings at 30°C ambient air and water inlet/outlet at 55/60°C last heating cycle.
2) Due to continuous improvement, specification may change without prior notice.