

SPECIFICATION

PACKAGED HORIZONTAL UNITS

MODELS	HPC140R3AD HPC140C3AD	HPC160R3AD HPC160C3AD	HPC180R3AD HPC180C3AD	HPV160R3AD HPV160C3AD
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CABINET				
Construction	Powder coated Gal.Steel	Powder coated Gal.Steel	Powder coated Gal.Steel	Powder coated Gal.Steel
Drip Tray	Aluminium	Aluminium	Aluminium	Aluminium
Weight (kg)	2900	2900	3000	3078

COMPRESSOR				
Type	Tandem Scroll	Tandem Scroll	Tandem Scroll	Variable speed scroll
No off	2 + 2 + 2 + 2	2 + 2 + 2 + 2	2 + 2 + 2 + 2	4
Starting	DOL (Optional Soft Start)	DOL (Optional Soft Start)	DOL (Optional Soft Start)	Soft start std

INDOOR FAN				
Type	EC plug	EC plug	EC plug	EC Plug
No Off	3	3	3	3

INDOOR COIL				
Type	Cu Tube / Al (Coated) Fin	Cu Tube / Al (Coated) Fin	Cu Tube / Al (Coated) Fin	Cu Tube / Al (Coated) Fin
Design Air Flow (l/s)	7000	8000	9000	8000

OUTDOOR FAN				
Type	Sickle Blade Axial	Sickle Blade Axial	Sickle Blade Axial	Sickle Blade Axial
No Off	4	4	4	4

OUTDOOR COIL				
Type	Cu Tube / Al (Coated) Fin	Cu Tube / Al (Coated) Fin	Cu Tube / Al (Coated) Fin	Cu Tube / Al (Coated) Fin

REFRIGERATION				
Refrigerant	R410A	R410A	R410A	R410A
Control(s)	TXV	TXV	TXV	EEV
Charge (kg per stage)	15	15	17	17
Filter/Drier	Std	Std	Std	Std
Accumulator	Std	Std	Std	Std
HP/LP	Non Adjustable Auto Reset	Non Adjustable Auto Reset	Non Adjustable Auto Reset	Non Adjustable Auto Reset

ELECTRICAL				
Supply Volts/Phase/Freq	415 / 3 / 50	415 / 3 / 50	415 / 3 / 50	415 / 3 / 50
Indoor fan FLA/LRA/No of Ph.	5.5 / - / 3	5.5 / - / 3	5.3 / - / 3	5.3 / - / 3
Compressor FLA/LRA/No of Ph.	11.9 / 82.0 / 3	14.5 / 87.0 / 3	17.0 / 110.0 / 3	17.0 / 110.0 / 3
System FLA (incl. ID fan)	127.6	148.4	159.4	159.4
System RLA @ ARI (incl. ID fan)	109.2	130	129.4	129.4

AIR FILTERS				
Fitted	OPTION	OPTION	OPTION	OPTION
No off	-	-	-	-
Dimensions	-	-	-	-

SOUND				
SPL@3M(dB(A))	67	67	67	67
SWL (dB(A))	84	84	84	84