

Technical Specifications – Hydronic Cassette

Model		40HK10	40HK12	40HK15	40HK20	40HK25	40HK32	40HK42	
Nominal Air Volume*	High Speed	m³/s	0.14	0.19	0.24	0.28	0.39	0.56	0.71
	Medium Speed	m³/s	0.12	0.16	0.20	0.24	0.33	0.47	0.60
	Low Speed	m³/s	0.10	0.13	0.17	0.20	0.28	0.40	0.51
Nominal Cooling Capacity*		kW	3.0	3.7	4.5	5.7	7.3	10.4	12.9
			4.0	5.1	6	8.7	12.4	14.3	17.6
Nominal Heating Capacity*									
Power Supply		220-240V / 1 Ph / 50Hz							
Coil Rows	Yes	2	2	2	2	2	2	3	
Nominal Water Flow*	L/hr	516	636	774	960	1250	1787	2219	
Water Pressure Drop	kPa	14.0	15.0	15.0	23.8	27.0	44.0	40.0	
Auxiliary Electrical Heater (Optional)	W	750	750	750	2100	2850	2850	2850	
High Connection	Inlet / Outlet	inch	3/4 G	3/4 G	3/4 G	3/4 G	3/4 G	3/4 G	
Unit Power Input	W	56	70	85	120	150	190	190	
Noise Level	dB (A)	30/33/38	42/39/32	45/42/34	43/41/36	47/43/38	49/45/40	50/46/41	
Unit Weight	Kg	16.5	16.5	16.5	25	30.5	30.5	31.8	
Panel Weight	Kg	2.5	2.5	2.5	6	6	6	6	
Unit Gross Weight	Kg	20	20	20	30	36.2	36.2	37.5	
Panel Gross Weight	Kg	4.2	4.2	4.2	9	9	9	9	
Net Dimension (WxHxD)	cm	69x34x58	58x35x58	58x35x58	84x32x64	84x32x64	84x32x64	84x32x64	
Panel Dimension (WxHxD)	cm	69x34x5	69x34x5	69x34x5	95x45x5	95x45x5	95x45x5	95x45x5	
Packing Dimension (WxHxD)	cm	67x29x67	67x29x67	67x29x67	92x29x60	92x33x60	92x33x60	92x33x60	
Panel Packing Dimension (WxHxD)	cm	72x12x72	72x12x72	72x12x72	103.5x6x103.5	103.5x6x103.5	103.5x6x103.5	103.5x6x103.5	

* Nominal Conditions (Cooling Only) - Cassette entering/leaving water temperature: 7/12°C



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HYDRONIC CASSETTE



Features and Benefits



Auto Fan Mode
Besides providing comfort, it reduces energy bills by reducing the cassette unit fan to automatically change speed. The fan speed changes as per the temperature difference between room temperature and set temperature.



Auto Restart Function
No setting change required while restoring from power cut. The unit starts automatically with all previous settings preserved by the memory function, while restoring from a power failure.



Auto Timer
Adds to user's convenience. It sets auto ON/OFF timer as per user requirement and may also help save energy.



High Performance Condensate Drain Pump
Helps drain out condensate water quickly to outside premises with in-built drain water pump suitable for high lift distance (up to 75 cm).



Hydrophilic Blue Aluminium Fins
No accumulation of condensate water which enhances performance and improves life of the coil.



Fresh Air Renewal
Improves Indoor Air Quality (IAQ). Extracts stale air from the air and helps you stay healthy by allowing fresh air from outside to mix with the supply air in the room.



Features and Benefits



Self Diagnosis
Gives appropriate error codes in case of faults in the unit. Hence ensures quick understanding of problems and saves the unit from any damage.



Easy Installation & Maintenance
Specially designed compact cassette unit with removable grille and fan, makes installation and maintenance easy.



Silent Operation
Unit is engineered to provide quiet and comfortable ambience.



Dry Mode
Improves Indoor Air Quality (IAQ) and provides quick moisture removal in case of humid & sultry surroundings.



Superior Heat Exchange
Enhanced coil heat exchange efficiency, with application of sine wave fin and inner grooved copper tubes.



4-Way Directional Airflow
Motorized louvers help in uniform cooling with 4-way directional flow.



R51E



Available with Cassette model: 40PK10/12/16

R05/BGE



Available with Cassette model: 40PK25/32/42

Cordless Remote Controller

- Features:
- LCD display
 - Decrease temperature button
 - Increase temperature button
 - ON/OFF button
 - Mode selection button
 - Economical Fanning button
 - Reset button
 - Lock button
 - Sleep button
 - Louver control button
 - Auto ON/OFF timer