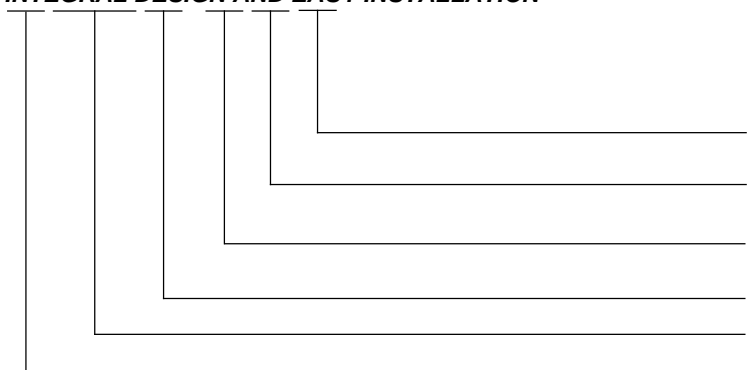


Rooftop Packaged Unit

FEATURES

INTEGRAL DESIGN AND EASY INSTALLATION



NOMENCLATURE

H DX 012 H C Z

Z: Integrated type; F: Split type
 Refrigerant Type
 --: R22; A: R410a; C: R407c
 C: Cooling only
 H: Heat pump
 Model (usRT)
 DX: Air to air direct expansion
 HYC series product

The package rooftop has a integral design. It is supplied as a complete package ready for operation, with no extra controls or other items to be installed. The units have a single power point entry with simple connections. Quick start-up is assured once installation is completed, as each rooftop unit is manufactured in an ISO9001:2000 listed facility to guarantee quality. All units are tested at the factory to provide reliable start up.

HIGHLY QUALITY COMPONENTS AND RELIABLE PERFORMANCE

All series rooftop packaged units use high-efficiency scroll compressor and high quality world known brand cooling parts, which ensures units' reliable performance.

STANDARD FEATURES

- Easily accessible system components
- Factory micro-programmed LED controller
- Heavy duty mounting chassis for unit and with lifting holes
- BMS
- Anti-vibration mounting compressor and centrifugal fan

- Weather-proof, polyester epoxy powder electrostatic paint oven-baked finish for sheet metal and base frame
- Compressor, fan motor inner protect
- Treated anti-corrosion protection for coils (blue fins) for copper/aluminum coils condenser and evaporator

OPTIONAL

- Optional supply/return air configurations, optional bottom supply and return type
- Copper fin condenser and evaporator for area need special anti-corrosion
- Blygold painting for condenser and evaporator for area need special anti-corrosion
- Stainless steel body cover and drain pan
- Economizer with fresh, return air dampers and fresh airhood
- Control device for operation of outdoor units at low ambient temperatures
- BMS devices
- Tropical climate design
- Roof curb
- Pre-filter; secondary filter; hepa filter
- Hot water coil
- Electrical heater



SPECIFICATION

Rooftop packaged unit DX TYPE

Model		003	004	005	006	007	008	010	012	
Nominal cooling capacity	kW	10.1	14.2	17.4	20.2	24.4	29.2	34.8	41.2	
Nominal heating capacity	kW	10.4	15.0	18.0	20.8	24.8	30.4	36.0	42.5	
Rated power input	kW	3.49	5.11	5.83	7.23	8.35	10.33	12.27	13.52	
Power supply	/	380~415V / 3Ph / 50Hz								
Compressor	Quantity	Nr.	1	1	1	2	2	2	2	
	Input power	kW	2.69	4.04	4.66	5.38	6.5	8.08	9.32	10.58
	Input current	Amps	5.00	7.11	8.33	10	12.38	14.22	16.66	20.18
	Type	/	Scroll							
Evaporator section	Fan quantity	Nr.	1	1	1	1	1	1	1	
	Air flow	m3/h	1900	2800	3140	4150	4500	5500	6900	7500
	Fan type	/	Centrifugal fan							
	Drive type	/	Direct drive/belt drive							
	ESP	Pa	150	150	180	150	180	180	200	200
Condensor section	Fan quantity	/	1	1	1	1	1	1	2	2
	Fan type	/	Axial fan							
Unit dimension	Length	mm	1340	1583	1583	1921	1921	2073	2300	2533
	Width	mm	991	991	991	1397	1397	1469	1626	1826
	Height	mm	880	880	880	1078	1078	1001	1102	1167
Net weight	kg	200	210	220	340	360	380	700	750	
Sound pressure levels	dB(A)	65	65	65	65	67	68	68	68	

The performance values refer to the following conditions:

- Cooling: room air temperature 27.0°C DB RH 50%, ambient air temperature 35°C.
- Heating: room air temperature 20.0°C DB, ambient air temperature 7°C DB / 6°C WB.
- HYC reserve the right to make changes for above parameters without prior notice.

SPECIFICATION

Rooftop packaged unit DX TYPE

Model		015	020	025	030	035	040	045	055	070	
Nominal cooling capacity	kW	52.4	71.0	86.0	102.0	124.0	140.4	158.0	188.0	240.0	
Nominal heating capacity	kW	53.2	73.0	87.0	103.2	128.0	144.0	162.0	192.0	248.0	
Rated power input	kW	19.04	25.26	30.4	34.5	45.8	50.52	55.4	70.4	86.2	
Power supply	/	380~415V / 3Ph / 50Hz									
Compressor	Quantity	Nr.	2	2	2	2	4	4	4	4	
	Input power	kW	13.74	18.26	20.7	24.7	32.24	36.52	41.4	49.4	65.4
	Input current	Amps	25.8	32.56	38.04	49.8	59.28	65.16	76.08	99.6	110.96
	Type	/	Scroll								
Evaporator section	Fan quantity	Nr.	1	1	1	1	1	1	1	1	
	Air flow	m3/h	10000	14000	15000	16000	23200	26000	29500	32000	47000
	Fan type	/	Centrifugal fan								
	Drive type	/	Belt drive/direct drive								
	ESP	Pa	220	250	250	250	320	320	360	360	420
Condensor section	Fan quantity	/	2	2	2	2	4	4	4	4	
	Fan type	/	Axial fan								
Unit dimension	Length	mm	2533	3400	3684	3790	5100	5800	5800	5800	5800
	Width	mm	1820	2200	2200	2220	2239	2239	2239	2255	2235
	Height	mm	1417	1590	1590	1614	1668	1728	1728	2028	2028
Net weight	kg	840	1240	1300	1356	1720	1900	2000	2200	2300	
Sound pressure levels	dB(A)	69	70	70	70	78	78	81	81	84	

The performance values refer to the following conditions:

- Cooling: room air temperature 27.0°C DB RH 50%, ambient air temperature 35°C.
- Heating: room air temperature 20.0°C DB, ambient air temperature 7°C DB / 6°C WB.
- HYC reserve the right to make changes for above parameters without prior notice.