

Description

The **EN10DX** is a compact, close coupled direct expansion system that utilises electronically controlled scroll compressor technology allowing the **EN10DX** to deliver impressive cooling duties from a space saving package. The system can provide an impressive 9kW of cooling from a 10U of rack space.

Application

The **EN10DX** is ideal for small communication rooms and small data centres including single rack applications. As a self-contained DX system, it does not require a chilled water supply to operate.



Air Handling Unit Specification

Fans		
Quantity	No.	1
Nominal Airflow	m3/h	2112
Sound Level	dB(A)	63
Max Air Flow	m3/h	2400
Electrical Characteristics	V/Ph/Hz	230/1/50
Max Fan Motor Current (each)	A	1.2
Max Fan Motor Power (each)	W	0.28
Absorbed Power	kW	0.3
Cooling Coil		
Rows	No.	3
Face Area	m ²	0.246
Tubes/Fins	Tubes	
Refrigerant	R407c	
Refrigerant Connections		
Liquid Line	1/2"	
Suction Line	7/8"	
Condensate Pump (Optional)	6mm PE Hose	
Weights and Dimensions		
Unit Packed Shipping Weight	kg	42 (approx)
Unit Weight	kg	35 (approx)
Unit Dimensions (H x W x D)	mm	445 x 439 x 906
Unit Packed Dimensions (H x W x D)	mm	500 x 500 x 1000

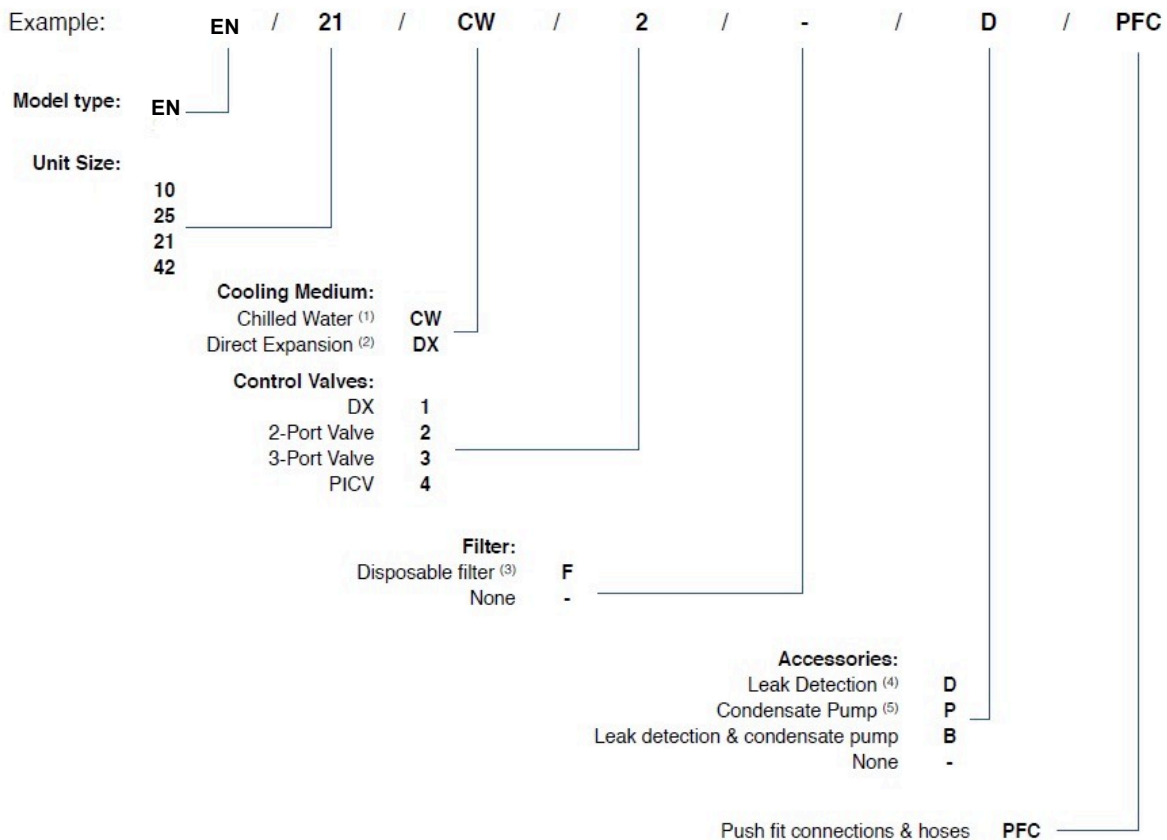
Condensing Unit Specification

Fans		
Quantity	No.	1
Nominal Airflow	m ³ /h	5596
Sound Level	dB(A) @ 10m	38
Electrical Characteristics		
Unit FLA	A	10
Unit LRA	A	50
Weights and Dimensions		
Unit dimensions (H x W x D)	mm	989 x 1368 x 547
Unit packed dimensions (H x W x D)	mm	1000 x 1500 x 600
Feet Centres	mm	1250
Weight	kg	105
Packed weight	kg	110

Nominal Performance Data

Return Air Temperature (°C)	% Fan Speed	Air Volume (m³/hr)	Fan Abs'd Power (kW)	Cooling Capacity (kW)	Supply Air Temp. (°C)
35	80	2112	0.28	9.0	22.2
	70	1848	0.23	8.0	21.5
	60	1584	0.20	7.4	20.7
	50	1320	0.18	6.58	19.4

Nomenclature



Notes

1. CW available on EN21 and EN42
2. DX available on EN10 and EN21; includes in-rack cooler and matching air cooled condenser
3. Washable filter, grade EU4
4. Leak detection standard on DX units, optional on CW units
5. Condensate pump on DX units, optional on CW units

Specification

For full specification and performance details please refer to Technical Data Manual and Installation & Operating Manual