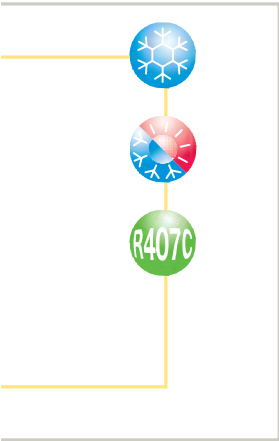


Split systems

Scroll compressors, axial fans
19-31 kW*

TTA/TWA + MWD



MWD



TTA/TWA

Customer benefits

- Flexibility: customized system to fit the application exact requirements especially for new or existing light commercial buildings

Main features - TTA/TWA outdoor unit

- Highly reliable Scroll compressor
- Robust and compact structure
- Disconnect switch
- Black epoxy-coated aluminium fins for aggressive atmosphere
- Electrostatic paint finish

Main features - MWD indoor unit

- High external static pressure
- Adjustable airflow
- Cleanable filters
- Removable external electrical panel

Options

- Low ambient operation

Accessories - TTA/TWA outdoor unit

- High and low pressure gauges

Accessories - MWD indoor unit

- Electric heater (additional casing)
- Hot water coil (additional casing)
- Circular duct adapter plenum
- EU2 filter box
- EU4 filter box
- Diffusers

Control

- Digital programmable thermostats with 24 hour timer or non-programmable thermostats
- Compatible with Trane Tracker™ light commercial building supervisor and Trane VariTrac™ variable air volume system

General data



System Performances

Unit Size		075/075	100/100	120/125
Cooling Capacity TTA + MWD (1)(3)	(kW)	19.3	26.8	31.4
Power Input TTA + MWD	(kW)	7.9	10.2	13.7
Cooling Capacity TWA + MWD (1)(3)	(kW)	18.8	26.3	30.7
Cooling mode power input TWA + MWD	(kW)	7.8	10.1	13.6
Heating Capacity TWA + MWD (2)(3)	(kW)	21.4	28.0	36.5
Heating mode power input TWA + MWD	(kW)	8.2	9.4	15.0
Main Power supply	(V/Ph/Hz)	400/3/50	400/3/50	400/3/50

TTA/TWA

Unit Size		075	100	120
Sound Power Level	(dB(A))	76	78	82
Starting Amps	(A)	101	133	142
Compressor Type		Scroll	Scroll	Scroll
Airflow (3) (4)	(m ³ /h)	9300	12000	17000
Length (uncrated)	(mm)	1060	1060	1260
Width (uncrated)	(mm)	950	950	1050
Height (uncrated)	(mm)	1230	1230	1230
Weight (uncrated)	(kg)	185	205	221
Refrigerant Connections		Brazed	Brazed	Brazed
Suction line	(inches)	1"1/8	1"3/8	1"3/8
Liquid line	(inches)	1/2"	1/2"	1/2"

MWD

Unit Size		075	100	125
Nominal airflow	(m ³ /h)	3000	4500	4500
External static pressure MWD (3)(4)	(Pa)	214	240	240
Sound power level (5)	(dB(A))	62	62	62
Length (uncrated)	(mm)	970	1095	1095
Width (uncrated)	(mm)	1290	1290	1290
Height (uncrated)	(mm)	450	655	655
Weight (uncrated)	(kg)	76	118	118

(1) At 27°C db /19°C wb indoor and 35°C outdoor

(2) At 20°C indoor and 7°C db/6°C wb

(3) At nominal airflow

(4) High fan speed

(5) At maximum airflow and 0 static pressure