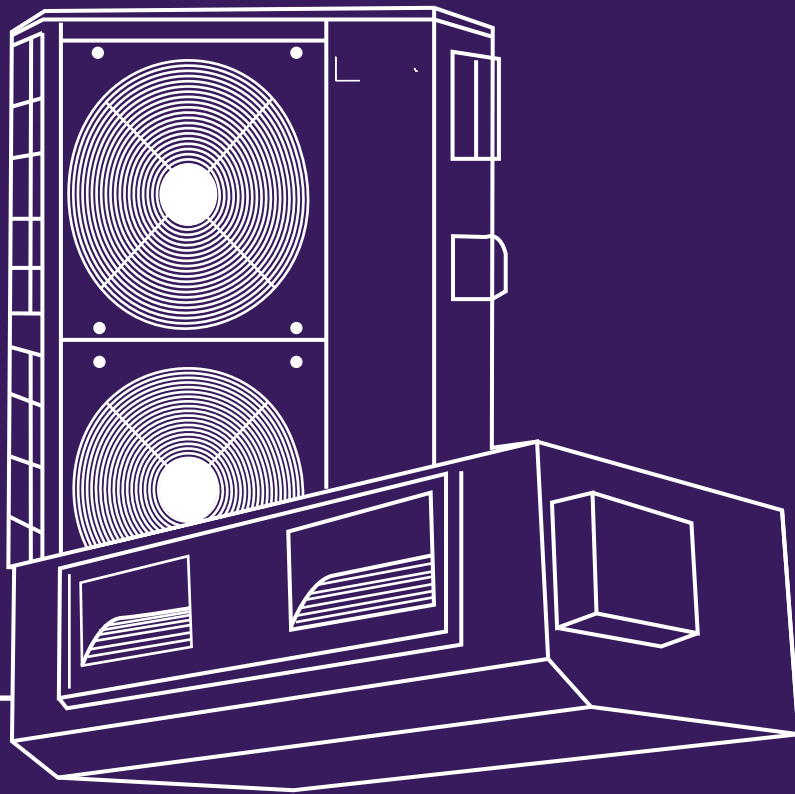
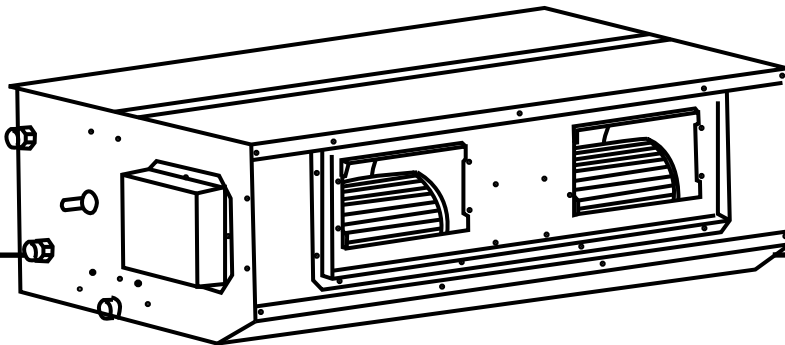


C o o l i n g a s v a s t a s c o m f o r t



Duct Split

- Heating & Cooling in One System.
- Concealed indoor unit (hidden in false ceilings).
- Distributes air evenly across all rooms via ducts.
- Indoor unit operates silently.
- Cost-effective operation and best efficiency.



DESCRIPTION

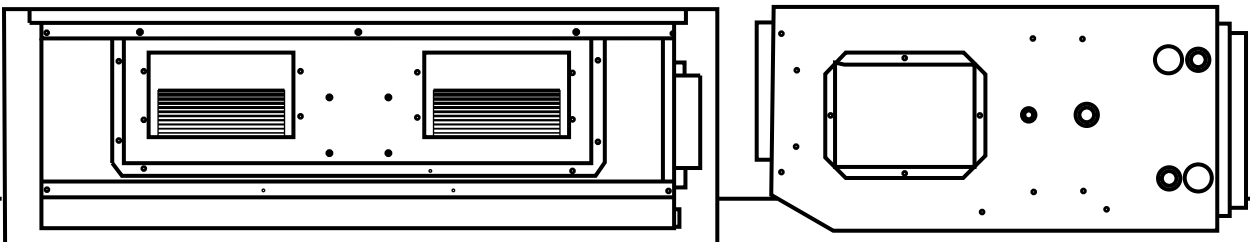
Duct Split:

- EDI – Indoor unit.
- EDO – Outdoor unit.

TYPE OF INDOOR UNIT

EDI Horizontal Duct:

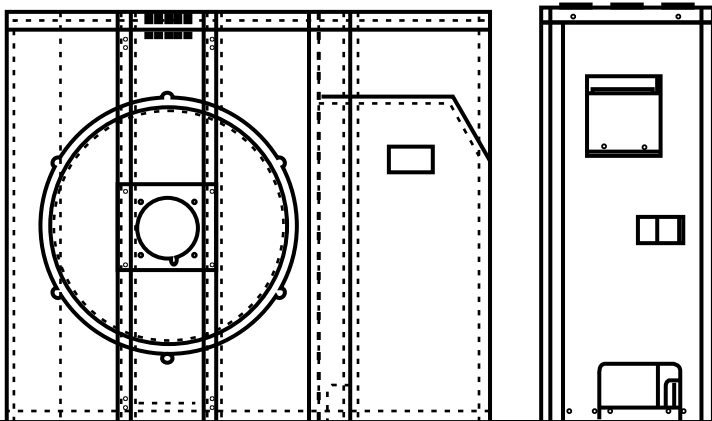
- Capacity range 5–16.3 kW.
- Air flow capacity 600–2000 CFM.
- External static pressure 65–110 Pa.
- Fan quantity 2 Nr.
- Capability to add a hot water coil.
- The unit is equipped with a forward multi-vane low-noise centrifugal fan for superior airflow efficiency and quiet operation.
- Engineered to reduce sound levels, ensuring quiet comfort in residential and commercial spaces.



TYPE OF OUTDOOR UNIT

EDO

- COP 3.48–3.4 w/w.
- Condenser equipped with blue fin.
- Compressor Rotary & Scroll type.
- Fan quantity number 1&2 Nr.
- Fan type Axial.



General features

- High-efficiency Exon duct splits with modern and optimized design.
- Capability to connect fresh air duct using a plenum.
- Minimal noise level and low device height.
- Utilizes coils made of copper tubing with appropriate thickness and aluminum sinusoidal wave fins to enhance efficiency and heat transfer.
- Equipped with washable and anti-fungal G3 filter – option to supply G4 fiber filters.
- Ability to return air from the back or bottom of the device using a plenum.
- Flexibility to change the connection side of the DX coil and hot water piping from left to right on-site.
- Suitable for various spaces including residential, office, commercial, and etc.
- Body constructed from high-strength galvanized steel, coated with electrostatic powder paint.
- Easy access to internal components for servicing and cleaning.
- Equipped with a touch wall-mounted thermostat.
- Equipped with Antifreeze High & Low pressure sensor for device safety.

MODEL		Unit	Indoor Unit						
			EDI18	EDI24	EDI30	EDI36	EDI42	EDI48	EDI60
Air Flow Volume	M3/h		1020	1360	1700	2040	2380	2720	3400
	CFM		600	800	1000	1200	1400	1600	2000
External Static Pressure	Pa		65	70	85	85	90	110	110
Capacity	Cooling total	Kw	5	6.6	8	9.3	11.1	13.1	16.3
	Cooling Sensible	Kw	3.4	4.5	5.5	6.5	7.6	8.9	11.0
Heating	Kw		7.3	9.8	12.3	14.5	17.7	20.4	25
Rows of Cooling/Heating	Nr		3						
HeatingWaterFlowVolume	GPM		3	3.5	4.5	5.2	6.5	7.2	9
HeatingWaterPressureDrop	M.water		0.5	0.7	0.7	0.8	1.1	1.5	1.7
Fan Type	Type		Forward multi vane low noise centrifugal fan						
Fan Quantity	Nr		2						
Power Supply	V-Ph-Hz		220V-1ph-550Hz						
TotalSystemPowerInput	A		1.4	1.4	1.5	1.9	2.1	2.3	2.6
Air Filter Type	Type		Anti-dust Washable Air Filter						
Sound Pressure Level	aB(A)		42	44	46	46	48	49	50
Weight	kg		25	32	35	40	41	50	55
Dimensions(LxWxH)	mm		850×650×280	1050×650×280	1050×650×330	1200×650×330	1200×700×380	1400×700×380	1500×700×430
Pipe Connection Size	Inlet/outletWater	inch	3/4	3/4	3/4	3/4	1	1	1
	Refrigerant	inch	1/4-1/2	3/8-5/8	3/8-5/8	3/8-3/4	3/8-3/4	3/8-3/4	3/8-3/4
	Drain	mm	21	21	21	21	21	21	21

. Cooling capacities are based on entering air temperature of 80°F DB / 67°F WB.
 . Heating capacities are based on entering air temperature of 70°F DB at fan high speed.

MODEL		Unit	Out door unit						
			EDO18	EDO24	EDO30	EDO36	EDO42	EDO48	EDO60
Power Supply		V-Ph-Hz	220-1-50	220-1-50	220-1-50	220-1-50	380-3-50	380-3-50	380-3-50
Rating Current		A	9.73	11.5	13.2	13.6	6.2	7.7	8.4
Total System Power Input		Kw	2	2.4	2.9	3.1	3.2	3.8	5.2
COP		W/W	3.48	3.67	3.68	3.73	3.2	3.3	3.4
Maximum piping length	Total	M	25	30	30	30	35	35	35
	Vertical		12	15	15	15	15	15	15
CompressorType		Type	Rotary-Scroll	Rotary-Scroll	Rotary-Scroll	Rotary-Scroll	Scroll	Scroll	Scroll
Fan Type		Type	Axial						
Fan Quantity		Nr	1	1	1	1	2	2	2
Refrigerant change		kg	2	2.5	2.9	3.2	3.7	4.3	5
Sound Pressure Level		dB(A)	54	54	56	57	58	60	61
Weight		kg	60	6	75	75	105	110	125
Dimensions(LxWxH)		mm	950x340x600	950x340x700	950x340x800	950x340x900	950x390x1200	1130x390x1280	1130x390x1430
Pipe Connection Size	Gas	inch	1/2	5/8	5/8	3/4	3/4	3/4	3/4
	Liquid	inch	1/4	3/8	3/8	3/8	3/8	3/8	3/8

· Cooling capacities are based on entering air temperature of 80°F DB / 67°F WB.
 · Heating capacities are based on entering air temperature of 70°F DB at fan high speed.