



OIL INJECTED SCREW AIR COMPRESSOR (B & D Series)

TPC-2024/V03



About Us

TRYCOMP is part of a worldwide organization with over 50 years of experience.

TRYCOMP an engineering and production company that determines the needs of the end user and offers the most accurate recipe, cooperates with brands of international quality that have proven their worth and lead the compressed air sector throughout its production.

TRYCOMP realizes all the projects it has signed under the guidance of half a century of experience, with the dynamism of its innovative and young staff. The basis of competence the process from the beginning to the end of TRYCOMP®'s projects is the harmony of this experience and dynamism. As TRYCOMP®, the idea of always seeing ourselves as the "end user's solution partner" forms the basis of satisfaction in our after-sales services.

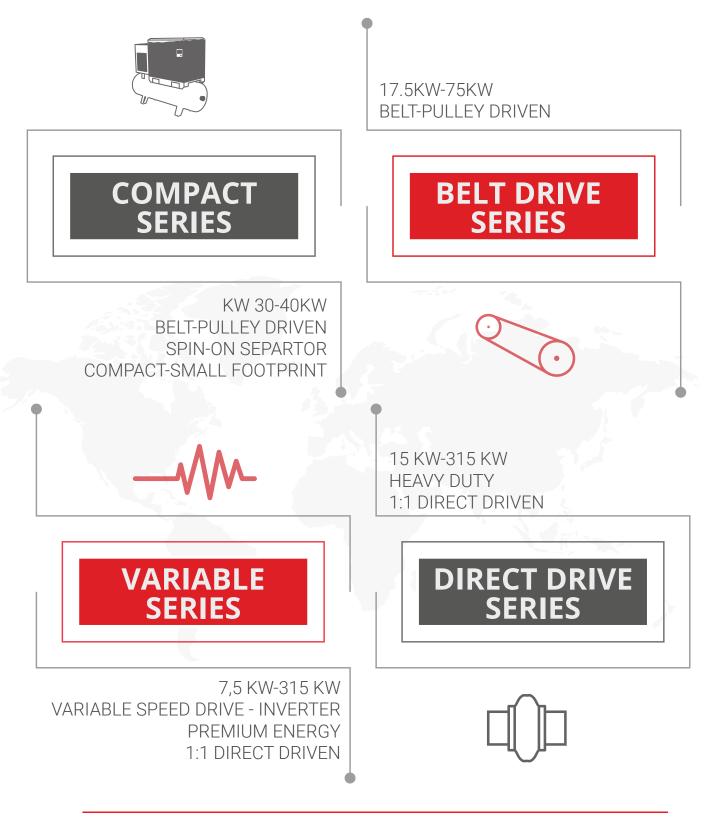
TRYCOMP produces its designs with the latest technology, high performance even under difficult conditions, the most efficient use of resources and sustainability principles.

Production center of innovative and smart solutions for TRYCOMP compressed air systems...













Belt-Drive Screw Air Compressor (B Series)

High Efficiency, Long Life Time, Trustworthy...

TRYCOMP BELT DRIVE SERIES has been designed to meet the compressed air demand of medium and big size enterprises.

BELT DRIVE SERIES have each parts manufactured and assembled according to the international quality standards are designed based on quality, efficiency, sturdiness, power, compactness, easy to install and to service. Its durable design allows the production continues in toughest conditions without any interruption.

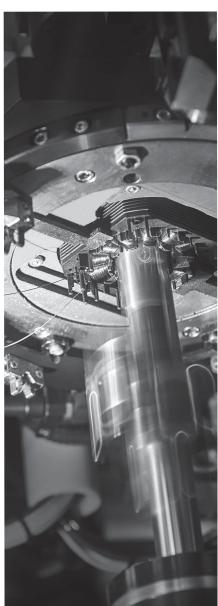
Options

Water-cooled

- -20°C Cold Start
- Water Separator
- Food Grade Oil
- Different mains voltages
- Integrated Energy Recovery System

Standard Equipment

- Efficient screw element
- 380V/50Hz/3Ph, IP55 protection
- Belt-Pulley Drive
- Poly V Belt with a lifetime of 25.000 hours
- Acoustic canopy and rigid chassis
- Oil carry over less than 3 mg/m3) due to special design of vessel and air/oil separator
- 3 micron Dry air filter
- Electro-pneumatic load/unload controlled inlet valve
- Drive system with Star Delta connection
- PLC controller
- Plate & bar type radiator







Belt-Drive Screw Air Compressor (B Series)





Model	Power kW-Hp		Free Air Delivery*m³/min			Tank	Connection	Dimensions	Weight
Meder			7.5 BAR 10 BAR		13 BAR	TOTIK	Size R	LxWxH mm	Kg
TRY3B	3	4	0,45	0,35	-	-	1/2"	900x1000x750	105
TRY4B	4	5,5	0,58	0,46	0,57	-	1/2"	900x1000x750	115
TRY5.5B	5.5	7,5	0,8	0,68	-	-	1/2"	900x1000x750	130
TRY7.5B	7.5	10	1,2	0,92	0,72	-	3/4"	1000x800x1080	190
TRY11B	11	15	1,8	1,4	1,1	-	3/4"	1000x800x1080	210
TRY15B	15	20	2,25	1,9	1,6	-	3/4"	1000x800x1080	260
TRY16B	15B	20	2,6	2,1	1,85	-	3/4"	1000x800x1080	490
TRY18.5B	18.5	25	3,1	2,6	2,2	-	3/4"	1100x900x1250	510
TRY22B	22	30	3,7	3,2	2,7	-	3/4"	1100x900x1250	525
TRY30B	30	40	5,2	4,4	3,75	-	יין	1400x1000x1350	600
TRY37B	37	50	6,4	5,2	4,3	-	1 1/2"	1400x1000x1350	760
TRY45B	45	60	7,2	6,3	5,6	-	1 1/2"	1750x1100x1700	900
TRY55B	55	75	9,6	8,2	6,9	-	1 1/2"	1750x1100x1700	1050
TRY75B	75	100	12,8	10,7	8,8	-	2"	1750x1400x1950	1600

* Free Air Delivery (FAD), According to ISO 1217:2009, Annex C.

Absolute Pressure 1 bar, 0% Relative Humidity, 20 C Ambient Temperature

** Sound Pressure Level: According to ISO 2151 and ISO 9614/2 with tolerance +- 3 db(A)

Our company as TRYCOMP, reserves the right to make changes at anytime without any prior notice.





Screw Air Compressor (Compact BC Series)



Model	Model Power kW-Hp		Free Air Delivery*m ³ /min			Tank	Connection	Dimensions	Weight
Model			7.5 BAR	10 BAR	10 BAR 13 BAR		Size R	LxWxH mm	Kg
TRY3BC	3	4	0,45	0,35	-	3001.	1/2"	1850X800X1600	145
TRY4BC	4	5,5	0,58	0,46	0.41	3001.	1/2"	1850X800X1600	155
TRY5.5BC	5.5	7,5	0,8	0,68	0.57	3001.	3/4''	1850X800X1600	170
TRY7.5BC	7.5	10	1,2	0,92	0,72	5001.	3/4"	1960X800X1720	240
TRY11BC	11	15	1,8	1,4	1,1	500I,	3/4''	1960X800X1720	260
TRY15BC	15	20	2,25	1,9	1,6	500I,	3/4"	1960X800X1720	290
TRY16BC	15B	20	2,6	2,1	1,85	500I,	3/4"	1960X800X1720	380
TRY18,5BC	18,5	25	3,1	2,6	2,2	500I.	3/4"	1960X800X1720	400
TRY22BC	22	30	3,7	3,2	2,7	500I,	3/4"	1960X800X1720	500

* Free Air Delivery (FAD), According to ISO 1217:2009, Annex C.

Absolute Pressure 1 bar, 0% Relative Humidity, 20 C Ambient Temperature

** Sound Pressure Level: According to ISO 2151 and ISO 9614/2 with tolerance +- 3 db(A)

Our company as TRYCOMP, reserves the right to make changes at anytime without any prior notice.





Screw Air Compressor BCFD Series

(Compact Filter & Dryer)

The BCFD Screw Compressor Series offers high efficiency, long lifespan, and reliability. The TRYCOMP BELT DRIVE SERIES is designed to meet the compressed air demand of large and medium-sized companies. In the belt-driven compressor series, each component is manufactured and assembled according to international quality standards and is evaluated based on quality, efficiency, durability, power, compactness, easy installation, and serviceability. Its robust design allows for continuous production in the toughest conditions without interruption.

- Air delivery (FAD) according to ISO 1217:2009, Annex C. Absolute pressure 1 bar, %0 relative humidity, ambient temperature 20 degrees Celsius.
- Sound pressure level according to ISO 2151 and ISO 2/9614 with a tolerance of +- 3 dB(A).

TRYCOMP reserves the right to make changes at any time without prior notice.

Advantages

- · Water-cooled (MRC 30-15) / Up to -20 degrees Celsius
- Water separator (MRC 30-15)
- · Available without an air tank, with an air tank, and equipped with a dryer
- · Compatible with various network voltages
- Features energy-saving consumption
- Standard Equipment

Features of the components in this series of screw compressors:

- 380V/50Hz/3Ph, equipped with IP55 protection
- Plate and grid radiator
- Features belt and pulley coupling
- · Belt and pulley designed for a lifespan of 25,000 hours
- · Cabin with sound insulation, detachable, and built on a sturdy chassis
- Oil output less than 3 mg per cubic meter due to the unique design of the tank and the air/oil

separator

- 3-micron dry air filter
- Controlled load intake valve
- Pneumatic unload pressure discharge
- Star-delta connection drive system
- PLC controller





Screw Air Compressor BCFD Series



Model	Power		Free Air Delivery*m ³ /min			Tank	Connection	Dimensions	Weight	
Model	kW-Hp		7.5 BAR	10 BAR	13 BAR	тапк	Size R	LxWxH mm	Kg	
TRY3BCFD	3 4		0,45	0,35	-	300I.	1/2"	1850X800X1600	160	
TRY4BCFD	4	5.5	0,58	0,46	0.41	3001.	1/2"	1850X800X1600	170	
TRY5.5BCFD	5.5	7.5	0,8	0,68	0.57	3001.	3/4"	1850X800X1600	190	
TRY7.5BCFD	7.5	10	1,2	0,92	0,72	500I.	3/4"	1960X800X1720	260	
TRY11BCFD	11	15	1,8	1,4	1,1	500I.	3/4"	1960X800X1720	280	
TRY15BCFD	15	20	2,25	1,9	1,6	500I.	3/4"	1960X800X1720	310	
TRY16BCFD	15B	20	2,6	2,1	1,85	500I.	3/4"	1960X800X1720	405	
TRY18.5BCFD	18.5	25	3,1	2,6	2,2	500I.	3/4"	1960X800X1720	430	
TRY22BCFD	22	30	3,7	3,2	2,7	500I.	3/4"∨	1960X800X1720	540	

* Free Air Delivery (FAD), According to ISO 1217:2009, Annex C. Absolute Pressure 1 bar, 0% Relative Humidity, 20 C Ambient Temperature ** Sound Pressure Level: According to ISO 2151 and ISO 9614/2 with tolerance +- 3 db(A) Our company as TRYCOMP reserves the right to make changes at anytime without any prior notice





Direct Drive Screw Air Compressor

Powerful, high-quality; easy to service and repair

With its long-lasting and efficient performance; low energy wastage. The series of direct drive compressors is designed to meet the compressed air demands of large and medium-sized companies. In the direct drive series, each part is produced and assembled according to international quality standards, designed for quality, efficiency, durability, power, compactness, easy installation, and straightforward servicing. Its robust design ensures continuous production in the toughest conditions without interruption.

Options

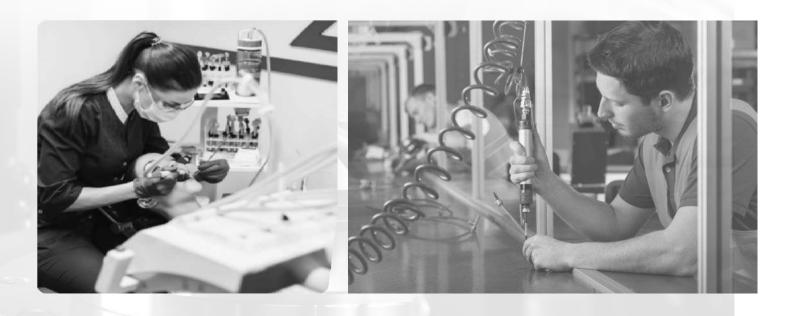
- Water-cooled
- -20°C Cold Start
- Water Separator
- Food Grade Oil
- Different mains voltages
- Integrated Energy Recovery System

Standard Equipment

- · High efficient screw element
- 380V/50HZ/3Ph, P55 protection
- 1:1 Direct Driven (No loss)
- Drive system with Star Delta connection
- · Acoustic canopy and rigid chassis
- Oil carry over less than 3 mg/m3) due to
- especial design of vessel and air/oil separator
- 3 micron Dry air filter
- Electro-pneumatic load/unload controlled inlet valve

A Brand By

- PLC controller
- · Plate & bar type radiator





Direct Drive Screw Air Compressor (D Series)

• Air delivery (FAD) as per ISO 1217:2009, Annex C. Absolute pressure at 1 bar, %0 relative humidity, ambient temperature of 20 degrees Celsius.

• Sound pressure level in accordance with ISO 2151 and ISO 2/9614, with a tolerance of +- 3 dB(A). TRYCOMP reserves the right to make changes at any time without prior notice.



	Power Kw-Hp		Free Air Delivery* m3/min						Weight
Model			7,5 BAR	R 10 BAR 13 BAR		Tank	Connection Size R	Dimensions I mm	Kg
TRY5.5D	5.5	7.5	0/8	0/68		-	1/2"	1200X750X1100	240
TRY7.5D	7.5	10	1/2	0/92	0/72	-	1/2"	1200X750X1100	260
TRY11D	11	15	1/8	1/4	1/1	-	1/2"	1200X750X1100	280
TRY15D	15	20	2/25	1/9	1/6	-	3/4"	1500X850X1240	590
TRY16D	15	20	2/6	2/1	1/85	-	3/4"	1500X850X1240	610
TRY18.5D	18.5	25	3/1	2/6	2/2	-	3/4"	1500X850X1240	630
TRY22D	22	30	3/9	3/4	2/8	-	3/4"	1500X850X1240	690
TRY30D	30	40	5/4	4/9	3/7	-	1"	1900X1050X1440	730
TRY37D	37	50	6/5	5/6	4/9	-	1 1/2"	1900X1050X1440	900
TRY45D	45	60	7/9	7/2	6/3	-	1 1/2"	1900X1050X1440	980
TRY55D	55	75	9/8	9/1	7/3	-	1 1/2"	2400X1350XI500	1350
TRY75D	75	100	13/2	11/8	9	-	2"	2400X1350X1770	1750
TRY90D	90	125	16/4	14/2	11/9	-	2"	2400X1350X1770	2080
TRY10D	110	150	19/5	16/1	13/1	-	2"	2850X1500X1950	2800
TRY132D	132	180	23/2	19/5	16	-	2"	3400X1650X2060	3200
TRY160D	160	220	27/5	24/2	20/7	-	3"	3400X1650X2060	3600
TRY200D	200	270	34/5	30/7	24/5	-	3"	3400X2100X2500	5100
TRY250D	250	340	44	37/5	30/6	-	3"	3400X2100X2500	6000
TRY315D	315	430	54/5	43/7	41/5	-	3"	3400X2100X2500	6800

* Free Air Delivery (FAD), According to ISO 1217:2009, Annex C.

Absolute Pressure 1 bar, 0% Relative Humidity, 20 C Ambient Temperature

** Sound Pressure Level: According to ISO 2151 and ISO 9614/2 with tolerance+- 3 db.(A)

Our company as TRYCOMP, reserves the right to make changes at anytime without any prior notice.





Screw Air Compressor Direct Variable (DVSD SERIES)





Model	Model Power kW-Hp		Free Air Delivery*m³/min			Connection	Dimensions	Weight
Woder			7.5 BAR	10 BAR	13 BAR	Size R	LxWxH mm	Kg
TRY5.5DVSD	5.5	7.5	0,8	0,68	-	1/2"	1200X750X1100	260
TRY7.5DVSD	7.5	10	1,2	0,92	0,72	1/2''	1200X750X1100	280
TRY11DVSD	11	15	1,8	1,4	1,1	1/2''	1200X750X1100	300
TRY15DVSD	15	20	2,25	1,9	1,6	3/4''	1500X850X1240	630
TRY16DVSD	15	20	2,6	2,1	1,85	3/4''	1500X850X1240	640
TRY18.5DVSD	18,5	25	3,1	2,6	2,2	3/4''	1500X850X1240	680
TRY22DVSD	22	30	3,9	3,4	2,8	3/4''	1500X850X1240	740
TRY30DVSD	30	40	5,4	4,9	3,7	יין	1900X1050X1440	780
TRY37DVSD	37	50	6,5	5,6	4,9	1 1/2"	1900X1050X1440	960
TRY45DVSD	45	60	7,9	7,2	6,3	1 1/2"	1900X1050X1440	1030
TRY55DVSD	55	75	9,8	9,1	7,3	1 1/2"	2400X1350X1500	1420
TRY75DVSD	75	100	13,2	11,8	9	2"	2400X1350X1770	1860
TRY90DVSD	90	125	16,4	14,2	11,9	2"	2400X1350X1770	2180
TRY110DVSD	110	150	19,5	16,1	13,1	2"	2850X1500X1950	2900
TRY132DVSD	132	180	23,2	19,5	16	2"	3400X1650X2060	3300
TRY160DVSD	160	220	27,5	24,2	20,7	3"	3400X1650X2060	3800
TRY200DVSD	200	270	34,5	30,7	24,5	3"	3400X2100X2500	5300
TRY250DVSD	250	340	44	37,5	30,6	3"	3400X2100X2500	6300
TRY315DVSD	315	430	54,5	43,7	41,5	3"	3400X2100X2500	7200

* Free Air Delivery (FAD), According to ISO 1217:2009, Annex C. Absolute Pressure 1 bar, 0% Relative Humidity, 20 C Ambient Temperature ** Sound Pressure Level: According to ISO 2151 and ISO 9614/2 with tolerance +- 3 db(A) Our company as TRYCOMP, reserves the right to make changes at anytime without any prior notice.





Variable Speed Screw Air Compressor

Why Choose Variable Speed Compressors?

The most effective way to save energy: Variable speed...

The cost of electrical energy is one of the factors that directly affect the production costs. The operating cost of a compressor over a 5-year period constitutes %70 of the total operations cost for companies. This is why reducing the cost of compressed air systems is a significant focus today.

We offer highly efficient and energy-saving solutions to provide you with the lowest energy costs. The Variable Speed series can save up to %35 in energy consumption.

Advantages of Choosing Variable Speed Compressors:

• **Soft Start-Stop:** During the startup of an electric motor in star-delta, an extra current is drawn. Compared to the star connection phase including all losses and electromechanical risks associated with it, the variable speed system with soft start and the possibility to stop increases the useful life of the compressor and its components.

• **Constant Pressure:** Standard compressors operate in unload mode at the desired pressure and revert to load mode when the pressure drops below a certain level. Consequently, the used air pressure continuously fluctuates between high and low values. Variable speed air compressors remain at the desired constant pressure by adjusting the motor speed.

• **Economical Operation:** Standard compressors continue to operate at an average power consumption of 35 to %50 compared to the load mode, delivering no compressed air but still consuming energy for activation (using electricity, rolling bearings, circulating oil, belt operation, etc.). Variable speed series does not idle within the usage capacity range. All operational parameters remain balanced. The compressor produces only as much as demanded, consuming energy accordingly.

• **Reduced Wear and Tear:** In fixed-speed air compressors, mechanical structure and circuit elements start wearing out during load/unload conditions. In the variable speed model, there's no wear in capacity balance and motor speed adjustment.

• Increased Durability of Pressure Line Components: Since pressure fluctuations are minimized, all parts used in the pressure line (joints, fittings, tanks, and devices using compressed air) have a higher durability.

• **Reactive Power Consumption:** While motors in fixed-speed compressors are operating, they still consume resources with reactive power, which, in addition to active power, must be compensated.

• Inverter Does Not Affect Motor's COS Ø: The inverter does not impact the motor's power factor, which is COS Ø=1.

• **Reduced Reactive Power Cost:** Considering that %40 of the installed power in a company is consumed by electric motors, thanks to variable speed drive, the cost of reactive power paid for is reduced.





Optional Equipment

External Inverter Board

A modular inverter system for "energy saving" for your existing air compressors.

You can save up to %30 on energy consumption. With its modular structure, we can implement a fixed-speed compressor design for your compressor. Your unit will function like variable speed air compressors. Similar benefits (constant pressure, soft start-stop, economical operational conditions, etc.) will be provided.

Energy Recovery System

As a result of compression, air is loaded with potential energy in the compressor. This energy expands at the point of compressed air use and is released by removing heat. You can save up to %94 of the consumed energy. The energy generated in the compressor that can be used as heat (%72 in oil-injected air compressors, %13 in compressed air, up to %9 in electric drive as motor heat loss) can be recovered in a fully closed circuit. Energy losses can be recovered up to %94 of the energy consumed for the entire compressor as heat.

Automatic Drainage System

Automatic electric drainage systems that automatically discharge the water produced without any human intervention. Due to the condensation of a certain amount of moisture in the air, water is discharged from the compressed air system and air tanks. Typically, this should be manually drained every day. The automatic drainage system, in addition to saving energy consumption through sensors, saves you time and activates drainage.

Multiple Control System

With TRYCOMP's multiple control system, the operation of 4 compressors used in the factory with a single unit system is possible. Energy saving, wear and tear equivalent to consecutive operation can be achieved. Compressors can operate rotationally according to changing compressed air needs, preventing production breakdowns while also achieving effective energy savings.

Low-Temperature Start Option

Allows operation at -20 degrees Celsius. In cold weather conditions, against compressor oil freezing, to prevent potential damage to the screw block during startup, and at the same time, a ceramic heating system with a steel body for quick oil circulation loading is available in **TRYCOMP**.





CAS - Capacity Analysis System

A reliable analysis system to determine the compressed air needs in your operation. Mayercomp flow range... It's an advanced compressor monitoring software package that can be used with an automation system. This system measures air flow, temperature, and pressure simultaneously. All data are continuously recorded over 7 days without interruption or with a data logger.

A report on the need and consumption is then provided to the customer.

After-sales Services

Service and Maintenance

Provided by our in-house service team and authorized services. Our experienced service teams are periodically trained in theoretical and practical sessions. Their competencies are continuously measured and developed. Professional, quality, timely service with a reasonable pricing policy in "After-sales Services" is one of our most important advantages. Our main goal in Service; is to exceed our valued customers' expectations.

Original Spare Parts

You can contact our local service center for original spare parts service and benefit from it. By using original spare parts: both your air compressor and your equipment are healthy and guarantee a long life, also you will not experience the high cost of inefficiency of low-quality and unqualified spare parts.

Service Contracts

To ensure effective work after the warranty period, you can benefit from our option through "Service Contracts." This advantage, which combines cost-effective pricing conditions with long-term care, extends the life of your air compressors. It will be in the safe hands of the manufacturer.





TRY-PE VSD SERIES



MODEL	WORKING PRESSURE		FREE AIR DELIVERY		POWER		OUTLET	SOUND LEVEL	DIMENSIONS	WEIGHT
	bar	psig	m³/min	CFM	HP	kW	inch	dB(A)	L x W x H (mm)	(Kg)
	8	116	1.13	40	10	7,5	G 1/2"	63	800 X 700 X 850	
TRY-PE VSD 7,5	10	145	1.06	37			G 1/2"	63		125
	13	188	0.6	21			G 1/2"	63		
	8	116	1.78	63			G 3/4"	64		
TRY-PE VSD 11	10	145	1.57	55	15	11	G 3/4"	64	1050 X 750 X 1040	225
	13	188	1.05	37			G 3/4"	64		
	8	116	2.46	87		15	G 3/4"	65		
TRY-PE VSD 15	10	145	2.11	74	20		G 3/4"	65	1050 X 750 X 1040	240
	13	188	1.60	56			G 3/4"	65		
	8	116	3.75	132	30	22	G 1"	67	1050 X 800 X 950	300
TRY-PE VSD 22	10	145	3.26	115			G 1"	67		
	13	188	2.4	84			G 1"	67		
	8	116	4.72	166	40	30	G 1 1/2"	67	1200 X 900 X 1000	430
TRY-PE VSD 30	10	145	4.14	146			G 1 1/2"	67		
	13	188	2.9	102			G 1 1/2"	67		
	8	116	6.33	223		37	G 1 1/2"	67	1580 X 1160 X 1600	460
TRY-PE VSD 37	10	145	5.65	199	50		G 1 1/2"	67		
	13	188	3.6	127			G 1 1/2"	67		
	8	116	7.3	257			G 2"	67	1580 X 1160 X 1600	840
TRY-PE VSD 45	10	145	6.2	218	60	45	G 2"	67		
	13	188	5.10	180			G 2"	67		
	8	116	9.00	317			G 2"	67		860
TRY-PE VSD 55	10	145	7.60	268	75	55	G 2"	67	1580 X 1160 X 1600	
	13	188	6.20	218			G 2"	67		
	8	116	12.30	433			G 2"	70	1580 X 1160 X 1600	930
TRY-PE VSD 75	10	145	10.50	370	100	75	G 2"	70		
	13	188	9.00	317	•		G 2"	70		

Free Air Delivery Acc to: ISO 1217:2009, Sound Level Acc to: ISO 2151 and 9614

• Stage number: Single • Outlet Air Temperature: Ambient + 15 °C • For different variances, please contact us





Your vision is our commitment.

Reach out to us today, to explore the great possibilities.



Factory: Yukarı Dudullu Mahallesi, Necip Fazıl Bulvarı, Keyap Sitesi D1 Blok No.44/58 PK. 34775 / Ümraniye/İstanbul/TÜRKİYE

> +90 216 540 15 00 - 01- 02 E-mail: info@trycomp.com.tr www.trycomp.com.tr