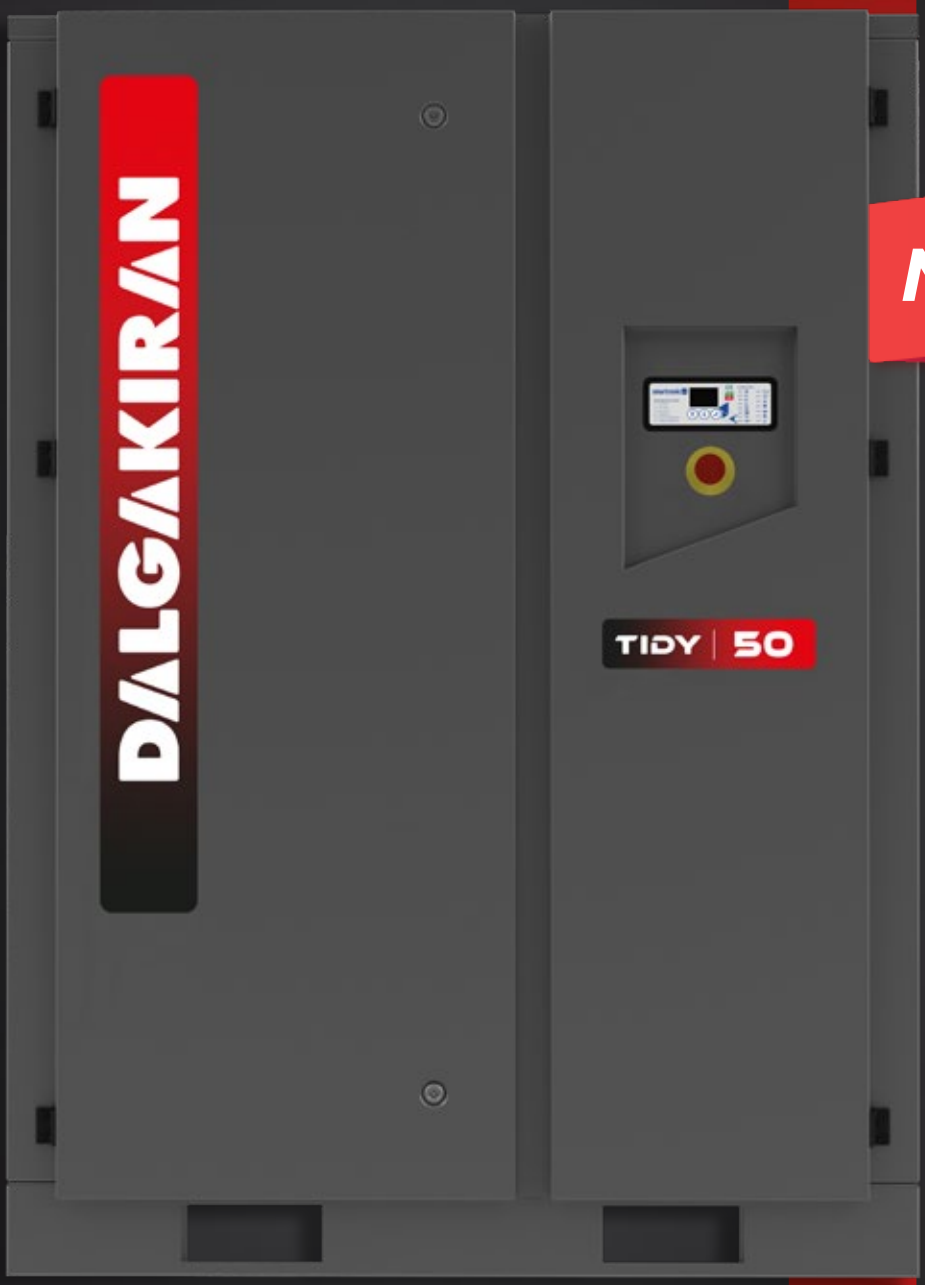
TIDY - DVK

Rotary Screw Air Compressors



NEW

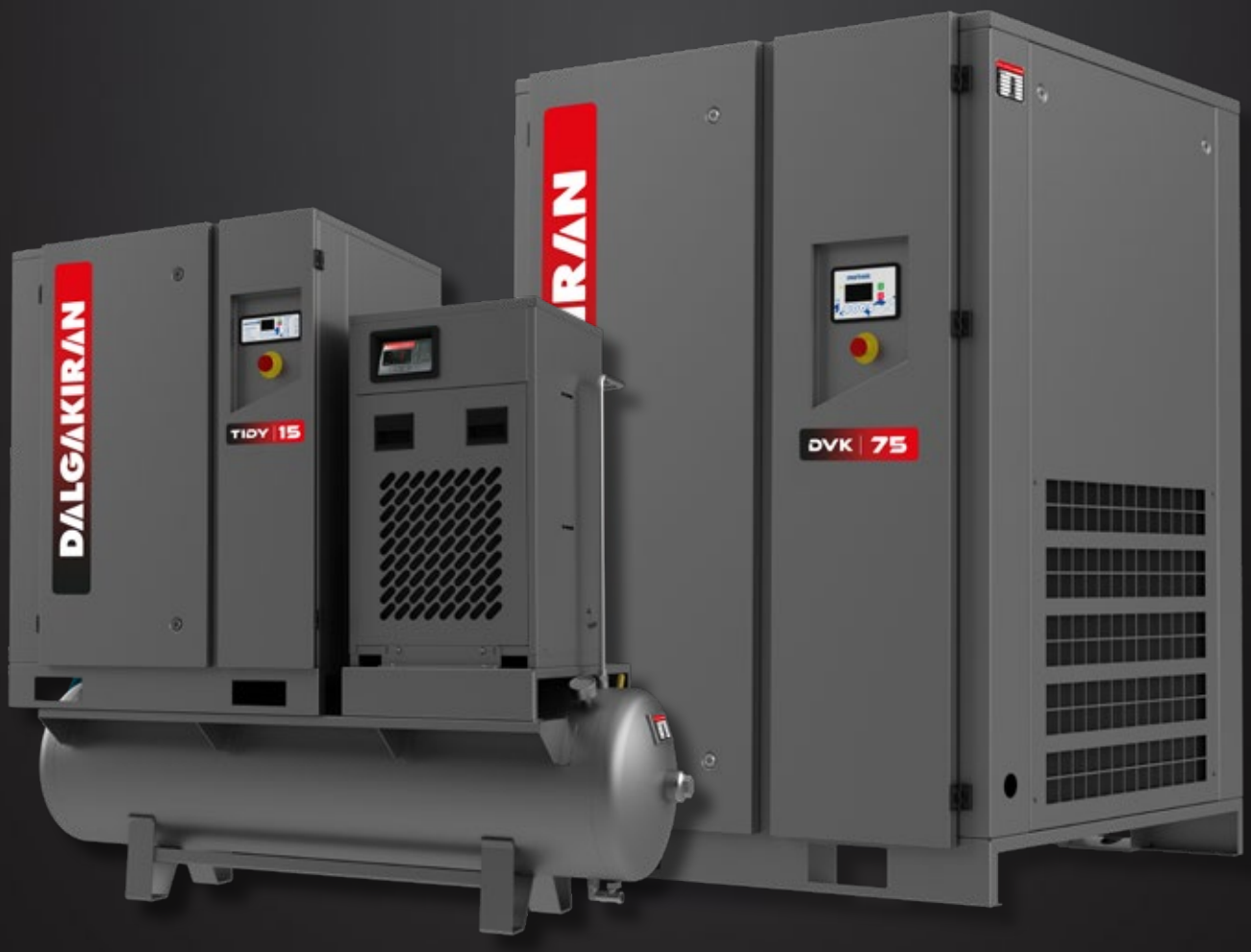
2,2-75 kW

JOURNEY OF AIR

DALGAKIRAN

TIDY - DVK

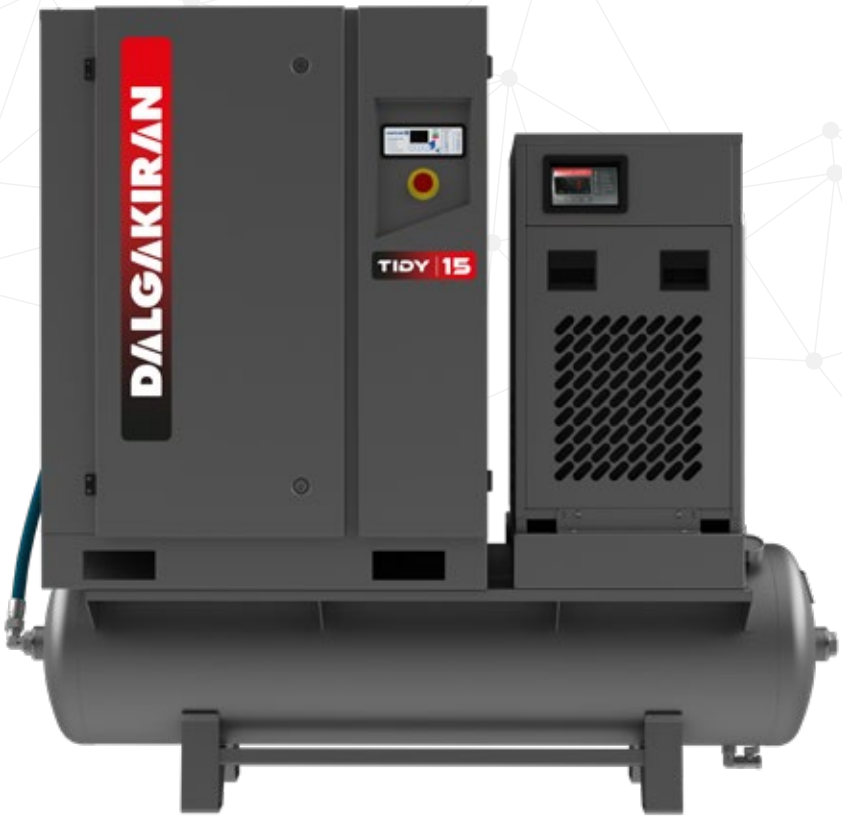
Dalgakıran New TIDY - DVK Series is one of the best in its class due to have the advantage of having a small footprint with its robust and compact design makes you save space and thus investment cost. The new generation compressors guarantee to ensure the high quality compressed air needs for small and medium-sized businesses and workshops.



0,2-12,5 m^3/min

2,2-75 kW

7,5-8,5 10-13 bar

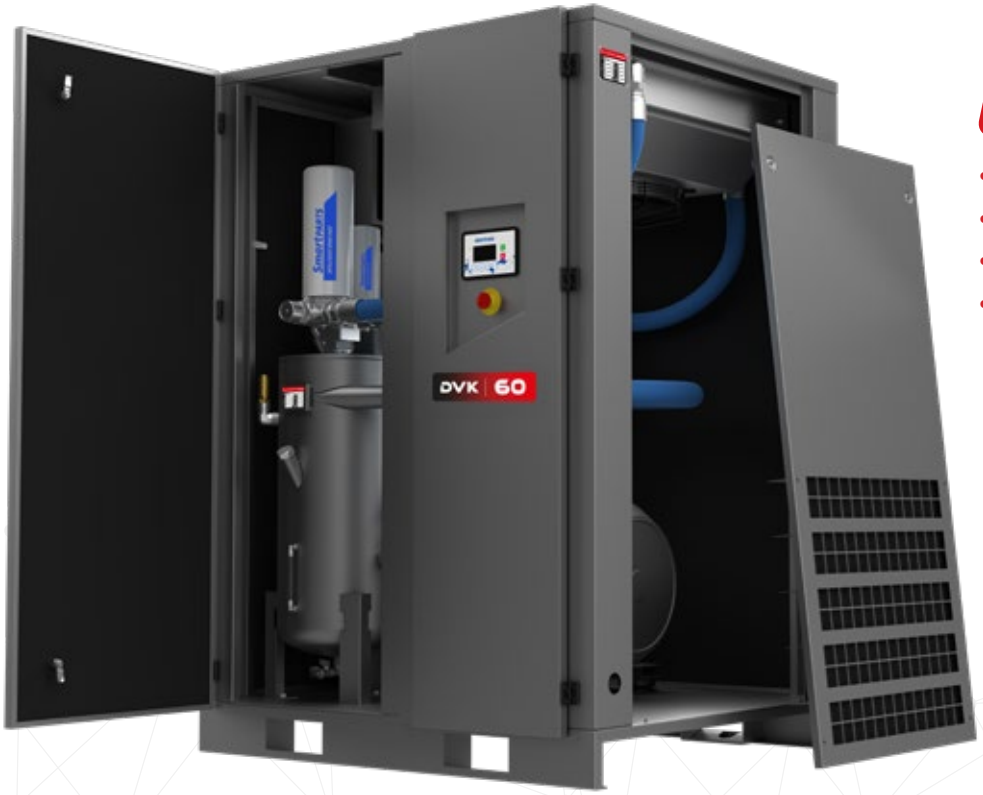


TIDY - DVK SERIES

Oil Injected, Belt Driven, Fixed Speed

Rotary Screw Air Compressors

Compact and robust next gen TIDY - DVK compressors ensure optimum solutions for small and medium-sized businesses and workshops.

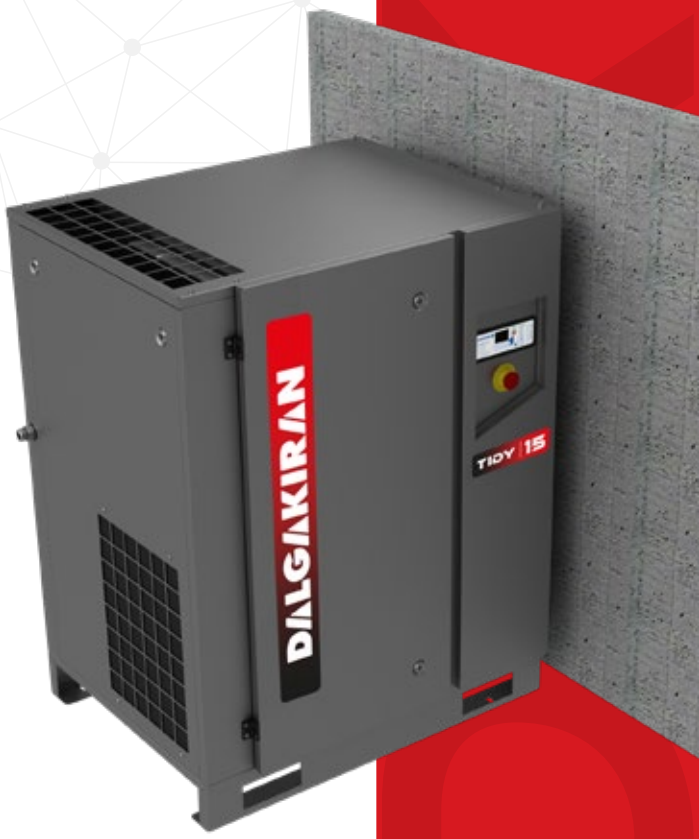


General Features

- Next gen screw block and motor
- Electronic control
- Designed for continuous operation
- Dryer & tank mounted option (2,2-22 kW)

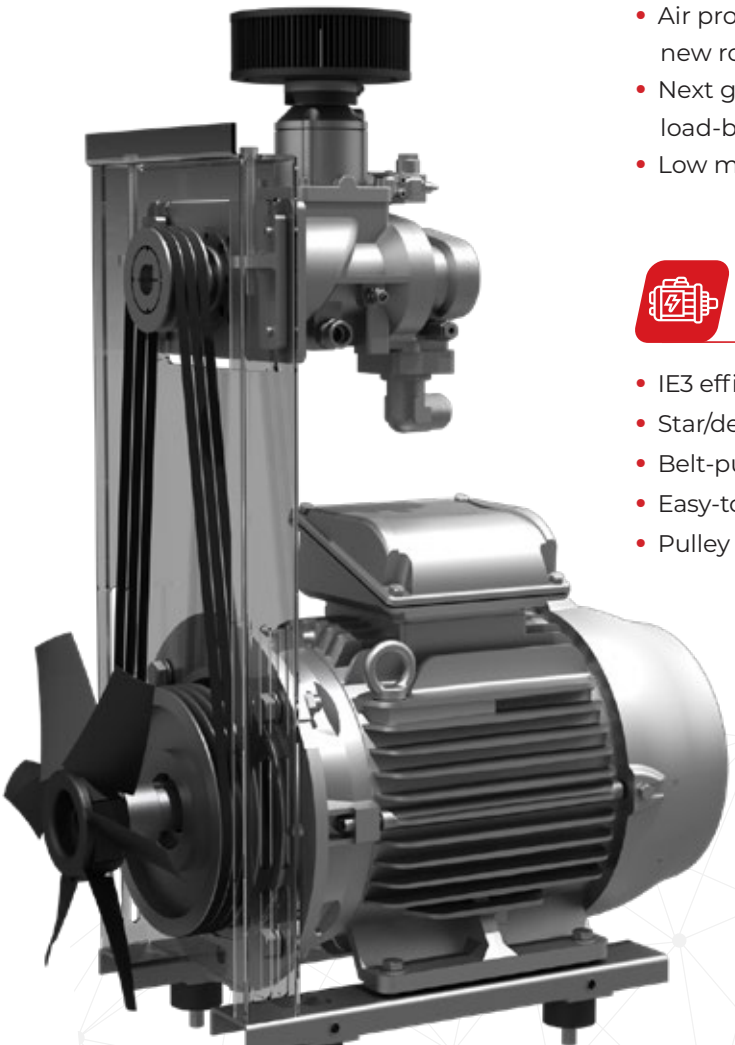
Advantages

- One of the products in its class that takes up the least footprint.
- Blind cover allows you to place it up against the wall. Convenient placement makes for easy servicing, maintenance, and access.
- Optimized intake chamber and insulated cold air intake increase energy efficiency. (30 kW and above)
- Compact design has the compressed air widget and compressor in a single place meets your expectations and demands at the optimal level.
- Efficient motor keeps energy use and costs down.
- High-quality components for a long service life and low maintenance costs.



Screw Block

- Durable screw block provides high-capacity air and is specially selected for each model's capacity requirement
- Operated in high ambient temperatures and offers superior reliability
- Air production with less loss thanks to new rotor profiles
- Next gen bearing design which increased load-bearing capacity
- Low maintenance and replacement costs

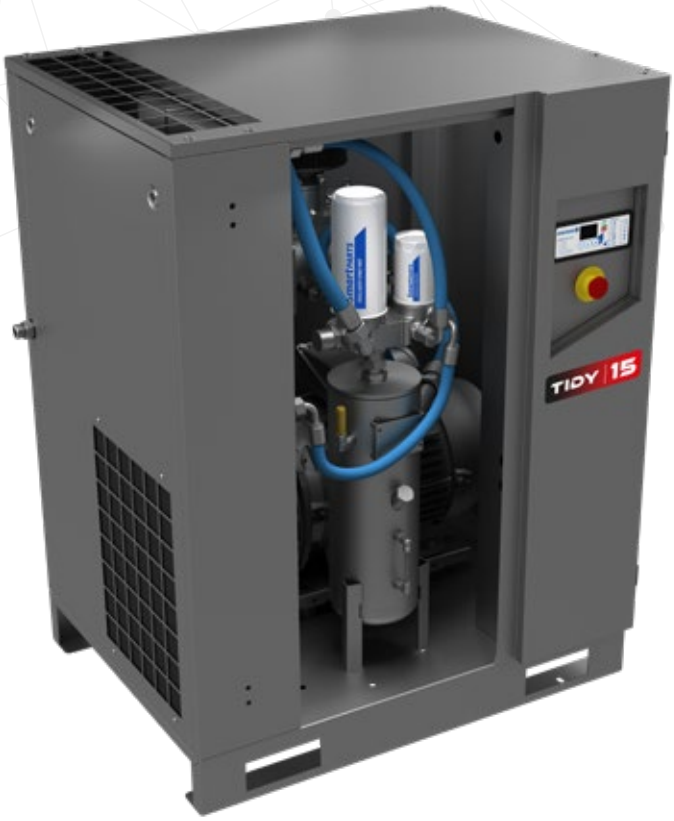


Main Motor and Drive System

- IE3 efficiency-class electric motor
- Star/delta motor starter
- Belt-pulley drive system
- Easy-to-use belt tensioner
- Pulley bushing for easy servicing

Intake System

- Optimized air intake chamber to separate cool air intake and hot air discharge
- Insulated cold air intake for energy efficiency (30 kW and above)
- Optimized noise levels



Air Filter

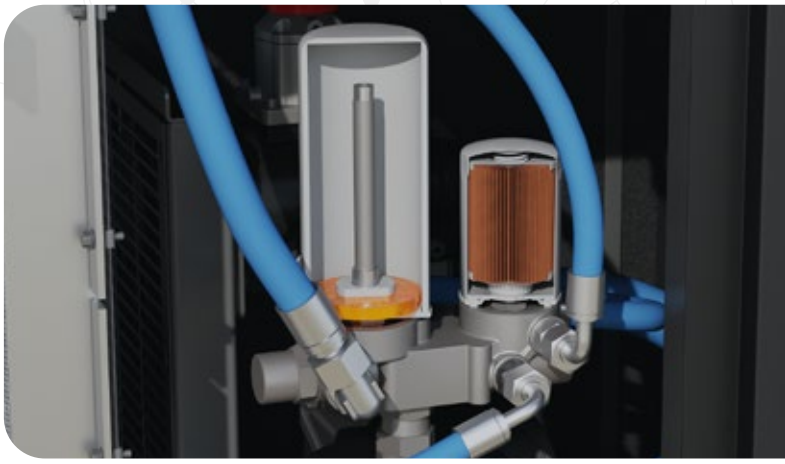
- Two-stage filtration (initial filtration/precision filtration) (18 kW and above)
- 99.9% efficiency in particle separation down to 3 microns
- Low pressure loss
- Easy maintenance
- Long service life

Cooling System

- High efficiency thanks to optimized cooling performance
- Temperature-controlled additional axial fan (30-75 kW)
- Minimum footprint with quiet and effective axial fan coupled directly to the main motor (2,2-22 kW)

Oil Separator

- Longer lasting separators keep maintenance costs down
- Effective separator elements keep the amount of oil in the outlet air low (1-3 mg/m³) for high-quality compressed air

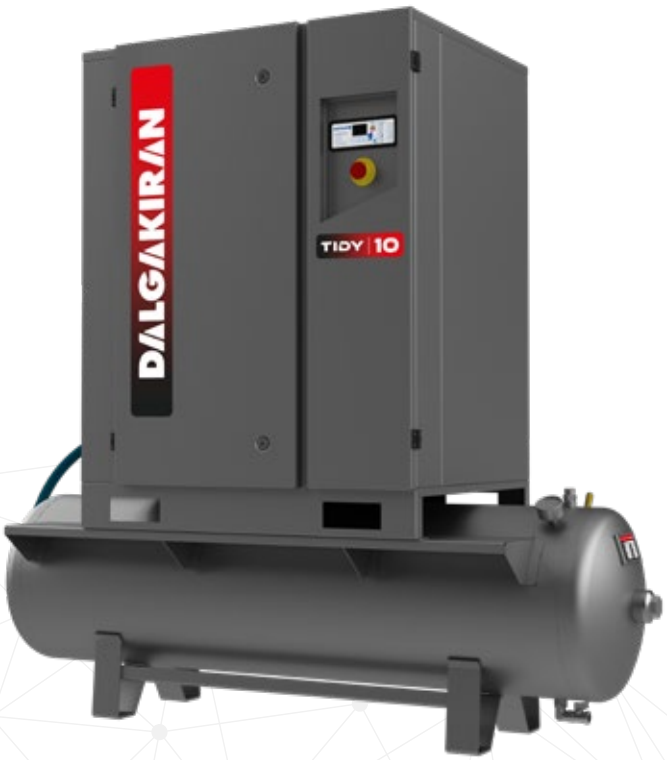


Controller

- Without the need for an external main controller, ability to co-aged work synchronized with Master/Slave for up to two compressors
- Internal ModBus communication
- User-friendly on-screen interface
- Alarm log records last 20 alarms
- Maintenance warnings and log records
- Weekly scheduler for starting/stopping the machine at 3 different time intervals can be individually set for each day of the week (45 kW and above)

Certification

- High-quality components such as electrical materials selected in accordance with IEC and CE standards and a high efficiency, less energy consuming screw block offered as standard.



Model	Pressure		Capacity*		Motor	Connection	Dimensions [Width x Length x Height] (mm)		Weight (kg)		Air Receiver
	bar	psi	m³/min	cfm	kW/HP		Base Mounted	Tank + Dryer	Base Mounted	Tank + Dryer	
TIDY 3	7,5	110	0,3	10,6	2,2/3	G1/2"	757 x 628 x 1057	1830 x 680 x 1557	165	320	250L
	8,5	125	0,28	9,9							
	10	145	0,22	7,6							
	13	190	0,18	6,4						345	
TIDY 4	7,5	110	0,44	15,4	3/4	G1/2"	757 x 628 x 1057	1830 x 680 x 1557	170	325	250L
	8,5	125	0,36	12,7							
	10	145	0,28	9,7							
	13	190	0,20	7,1						350	
TIDY 5	7,5	110	0,54	19,2	4/5,5	G1/2"	757 x 628 x 1057	1830 x 680 x 1557	170	325	250L
	8,5	125	0,5	17,7							
	10	145	0,37	12,9							
	13	190	0,29	10,2						350	
TIDY 7	7,5	110	0,71	25,2	5,5/7,5	G1/2"	785 x 715 x 1106	1880 x 715 x 1606	205	360	250L
	8,5	125	0,66	23,3							
	10	145	0,56	19,8							
	13	190	0,41	14,5						385	
TIDY 10	7,5	110	1,07	37,8	7,5/10	G3/4"	785 x 715 x 1106	1880 x 715 x 1606	230	405	250L
	8,5	125	1	35,3							
	10	145	0,87	30,9							
	13	190	0,64	22,6						430	
TIDY 15	7,5	110	1,65	58,2	11/15	G3/4"	962 x 732 x 1200	1880 x 732 x 1700	295	470	250L
	8,5	125	1,51	53,4							
	10	145	1,35	47,8							
	13	190	1,11	39,2						495	
TIDY 20	7,5	110	2,26	79,9	15/20	G3/4"	962 x 732 x 1200	1880 x 732 x 1700	315	490	250L
	8,5	125	2,18	77							
	10	145	2,05	72,4							
	13	190	1,48	53						515	
TIDY 25	7,5	110	2,92	103	18,5/25	G3/4"	1039 x 948 x 1462	2135 x 1200 x 2010	425	835	2x270L
	8,5	125	2,78	98,2							
	10	145	2,49	87,9							
	13	190	2,07	73,1							
TIDY 30	7,5	110	3,45	122	22/30	G3/4"	1039 x 948 x 1462	2135 x 1200 x 2010	465	900	2x270L
	8,5	125	3,09	112							
	10	145	3,03	107							
	13	190	2,53	89,3							
TIDY 40	7,5	110	5,42	191	30/40	G1 1/4"	1135 x 1035 x 1600	-	665	-	-
	8,5	125	5,11	183							
	10	145	4,73	167							
	13	190	3,91	138							
TIDY 50	7,5	110	6,5	230	37/50	G1 1/4"	1135 x 1035 x 1600	-	725	-	-
	8,5	125	6,17	218							
	10	145	5,37	189							
	13	190	4,41	156							
DVK 60	7,5	110	7,34	259	45/60	G1 1/2"	1345 x 1150 x 1800	-	1030	-	-
	8,5	125	7,02	248							
	10	145	6,75	238							
	13	190	5,23	185							
DVK 75	7,5	110	9,66	341	55/75	G1 1/2"	1345 x 1150 x 1800	-	1130	-	-
	8,5	125	9,2	325							
	10	145	8,46	299							
	13	190	6,8	240							
DVK 100	7,5	110	12,5	441	75/100	G2	1600 x 1191 x 1900	-	1565	-	-
	8,5	125	11,87	419							
	10	145	11,07	391							
	13	190	9,23	326							

- Unit performances measured in reference conditions which are 1 bar absolute air Pressure, %0 relative humidity, 20°C inlet air temperature, 71°C thermostatic valve set temperature and use of Smartoil.

- Dalgakıran reserves its rights to make changes in its products and specifications without prior notice.

* Refers to free air delivery measured according to ISO 1217:2009, Annex E standard.

Headquarter: Eyup Sultan Mah. Muminler Cad. No: 70 34885 Sancaktepe / Istanbul /
TurkeyFactory: Makine Ihtisas OSB, Demirciler Mah. 1. Cad. No:1/2, Merkez, Dilovası / Kocaeli / Turkey
Tel: +90 216 311 71 81 **E-mail:** info@dalgakiran.com