

Engine Compressor

PDSF750S/SC PDSH600S

AIRMAN®

New Line-up of

High Pressure (PDSF/PDSH series)

Engine Compressor!

Product variations: Standard Trailer / Aftercooler Trailer

Engine Compressor

Standard Type

PDSF750S-6C6

Aftercooler Type

PDSF750SC-6C6

Standard Type

PDSH600S-6C6

Free air delivery

21.2 m³/min

PDSH600S: 17.0m³/min

Rated operating pressure

1.03 MPa

PDSH600S: 1.7 MPa



PDSH600S



PDSF750S



PDSF750SC
(Aftercooler Type)

Point

High efficiency aftercooler to meet demands of more applications.

※PDSF750SC

Point

The compressor will enter cool down mode prior to shutdown to improve durability.

Point

Cummins QSB6.7 EU stage 3A / GBIII engine.

- **With residual pressure start prevention function** : Safety feature that prevents the system from starting if pressure remains in the tank.
- **Battery switch** : Newly added battery switch improves safety and ease of servicing.
- **Forklift slot** : Easy to carry and transport.

HOKUETSU INDUSTRIES CO., LTD.

■ Specification Table

		PDSF750S-6C6 Trailer	PDSF750SC-6C6 Aftercooler Trailer	PDSH600S-6C6 Trailer
●COMPRESSOR				
Type		Rotary Twin Screw, Single-Stage, Oil-cooled		
Free air delivery	m ³ /min	21.2		17.0
Rated operating pressure	MPa[kgf/cm ²][psi]	1.03[10.5][150]		1.7[17.4][250]
Compressor oil capacity	L	62		63
Discharge Air Temperature*1	℃	—	Atmospheric Temperature+20	—
Air outlet valve		50A×2, 20A×1		50A×1, 20A×2
●ENGINE				
Make/Model		Dongfeng Cummins QSB6.7-C260-III		
Type		Direct-Injection, Turbo-Charged, Intercooled		
Rated output	kW[PS]/min ⁻¹	181[246]/2200		
Engine oil capacity	L	15		
Fuel tank capacity	L	300		
Battery		6-QW-120D×2		
●DIMENSION & WEIGHT				
L×W×H	mm	3400*2(4850)×2150×2130		
Dry (Operating) weight	kg	3040(3380)	3100(3440)	3040(3380)
Tire Size		8.25-16-16PR		
Sound power level in decibels	dB	105		104
Sound pressure level	dB[A]	77		76
Designated emissions regulation		EU Stage3A / GB III		

*1 Reference value. *2 The total length is the value with the drawbar upright.

●Specifications are subject to change without notice.

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SAFETY

- Do not use compressed air for breathing, such as in pneumatic methods or diving operations, or for exhalation system equipment that directly inhales air.
- Operate safely in accordance with operation manual.
- To prevent trouble and accidents, perform daily and preventive maintenance checks without fail.

OUR HEAD OFFICE AND PLANT ARE CERTIFIED TO BOTH ISO 9001 AND ISO 14001.

Niigata plant:
Shimo Aozu, Tsubame-city, Niigata-prefecture, Japan.



ISO90010 : JQA-0581
ISO14001 : JQA-EM4670

HOKUETSU INDUSTRIES CO., LTD.

8th Floor Shinjuku San-Ei Bldg.
22-2 Nishi-Shinjuku 1-Chome, Shinjuku-ku, Tokyo 160-0023 Japan
Tel: 81-3348-7281 Fax: 81-3-3348-7289
E-mail: airman.oversea@airman.co.jp
<https://www.airman.co.jp>



AIRMAN ASIA SDN. BHD.

Suite A-8-2, level 8, Block A, Sky Park @ One City,
Jalan USJ 25/1, 47650 Subang Jaya, Selangor, Malaysia
Tel: 60-3-5036-7228 Fax: 60-3-5036-7226
E-mail: sales@airman-asia.com
<https://airman-asia.com>