Japanese, English, Chinese

Energy-Saving and High-Efficiency are further OPTIMIZED.

High Quality of Environmental Performance and Easy-To-Use is available in the form of Optional Specification



1. High-Grade Option (Available on 30/50/75/100hp•Vplus, M Type)

Upgrade of Easy-To-Use

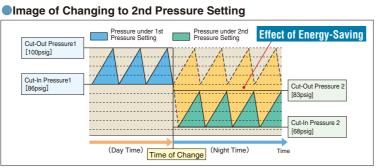
Digital Display of Pressure, Temperature and Current, Various Settings by Display of Characters Information for Maintenance has been enlarged.



Energy-Saving and Labor-Saving

Further Evolution by Loading Automatic Function

Schedule Operation as Standard Equipment. Further, it is possible to achieve optimal operation by changing to 2nd pressure setting to meet the demand of air.



Dual Operation

Alternating or Follow-Up Operation can be set by ONLY Changing Wiring

It is possible for 2 units of HG version (V-M combination, 2 M-type, or 2 Vplus) to switch between alternating operation and follow-up operation by ONLY changing wiring, without an external control panel. If the amount of used air becomes 0, the operation of both 2 units automatically stops. In addition, it is possible to further improve Easy-To-Use by combining with other functions.



Implementation Merit Construction Work Alternate Operation Panel Remodeling Standard Unit M-Typex2 Standard Spec. HG Unit

List of Shutdown Histo

Primary Function

Energy-Saving Operation, Schedule Operation, Alternate or Follow-Up Operation (Parallel or Interval Change-Over), Maintenance Time Notification, Data Memory of Operation and Load, Timely Changing of Pressure Setting etc.

Note:

- 1. HG option is applicable for both HISCREW NEXT series V plus and M Type (30-100hp)
- 2. In case of alternate or follow-up operation, both of the units must be $\mbox{\rm HG}$ option.
- It is necessary to carry out extra wiring work for alternate or follow-up operation.(Prepare the necessary wiring cables in advance, since they are not attached with the unit.)
- 4. The appearance and specifications are subject to change without notification.

Specificat	ion	ination Operation Operation Start/Stop up to 5 set ce Time Notification				
	Item	Condition/Remark				
Function/ Operation	Alternate/Follow-Up Operation					
	V-M Combination Operation					
	Schedule Operation	Start/Stop up to 5 set				
Maintenance Related	Maintenance Time Notification					
	History Memory of Shutdown(Up to 6 Shutdown)					
	History Memory of Alarm(Up to 6 Alarm)					
	Data Memory of Operation(Up to 12 Data)	2 Kinds of Time Setting				
	Data of Load (6 days)					
	Information Display of Characters					
LCD Display	Digital Display of Current					

Multi-Language Available

2.Option for High Ambient Temperature Up to 113°F (Available on 30/50hp Air-cooled Type)

Operation under Ambient Temperature of 113°F, Long Maintenance Cycle

New Developed Structure of Unit with Excellent Cooling Performance
 Mandatory Ventilation of the Inside of the Unit by Cooling Fan

Continuous Operation under Ambient Temperature of 113°F

+___

Long Maintenance Cycle

- Oil Change: 2 years or 12,000hr which comes first
- Capacitor Change: 8 years or 48,000hr which comes first

Same Maintenance Cycles are achieved with the Standard Model.

*Noise level is 5 dB[A] higher than the Standard Model.

Exhaust Air Cooler Cooling Fan DCBL Motor Starter Panel (with DCBL Controller) Exhaust Air Cooling Fan Belt Starter Panel Main Motor

STANDARD SPECIFICATIONS

Model Item		OSP-22VAN	OSP-37VAN	OSP-22M6AN	OSP-37M6AN	
Cooling Me	ethod		Air C	cooled		
Motor Nominal Output		30 hp / 22 kW	50 hp / 37 kW	30 hp / 22 kW	50 hp / 37 kW	
Rated -	Discharge Pressure	102 psig / 0.7 MPa		102 (123) psig / 0.7 (0.85) MPa		
	Discharge Capacity	141 CFM / 4.0 m ³ /min	233 CFM / 6.6 m³/min	138 (120) CFM / 3.9 (3.4) m ³ /min	229 (205) CFM / 6.5 (5.8) m ³ /min	
	Discharge Pressure	87 psig / 0.6 MPa 123 psig / 0.85 MPa	87 psig / 0.6 MPa 123 psig / 0.85 MPa	_	_	
	Discharge Capacity	148 CFM / 4.2 m³/min 124 CFM / 3.5 m³/min	244 CFM / 6.9 m³/min 212 CFM / 6.0 m³/min	_	_	
Working Range of PQ WIDE MODE		87-123 psig / 0.6-0.85 MPa		-		
Suction Pressure/Temperature		Atmospheric Pressure* 32-113°F / 0-45°C				
Temperature of Discharge Air		Ambient Temperature +27°F / +15°C or below				
Driving System		DCBL Direct Driving		V-Belt Drive		
Capacity Control Type		V+I type, V+I+P type		I type, I+P type		
Starter Type		Soft Start		Star-Delta		
Output of Cooling Fan		1 hp / 0.75 kW	2 hp / 1.5 kW	1 hp / 0.75 kW	1 hp / 0.75 kW	
Lubricating Oil		New HISCREW OIL 2000				
Lubricating Oil Filling Amount		2.6 gal / 10 L	4.0 gal / 15 L	2.6 gal / 10 L	4.0 gal / 15 L	
Discharge Air Pipe Diameter		Rc 1·1/2				
External Dimension (W×D×H)		39"×39"×59" / 1,000mm×1,000mm×1,500mn	47"×43"×65" / 1,200mm×1,100mm×1,650mm	39"×39"×59" / 1,000mm×1,000mm×1,500mm	47"×43"×65" / 1,200mm×1,100mm×1,650mm	
Weight		1,014 lb / 460 kg	1,389 lb / 630 kg	1,301 lb / 590 kg	1,830 lb / 830 kg	
Noise Level (4.9ft from the front)		61 dB [A]	65 dB [A]	62 dB [A]	65 dB [A]	
Untoe:						

Notes:

- Capacity is the converted value at its inlet condition. For guaranteed values, contact your nearest dealer or HITACHI local representative offices.
- Noise level is measured value at 4.9ft in front and 3.3ft height in an anechoic room, under full load operation. It may vary in different operation conditions or environments. For V plus type, 3 dB[A] is increased when PQ WIDEMODE is ON.
- Make sure to install an air receiver tank of enough volume.

- 5. Earth leakage circuit breaker is NOT attached. Prepare it in advance.
- 6. Pressure is indicated as the gauge pressure.
- 7. () indicates the values of capacity under different discharge pressure
- 8. Temperature of discharge air may vary in different environments.
- 9. Model with built-in dryer is NOT available.

Calculation Condition: 30hp M-Type with Built-in Dryer, the initial
4. U type control is available as option for M type model.

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