



RETURN BIDS TO:

RETOURNER LES SOUMISSIONS À:

Réception des soumissions - TPSGC / Bid Receiving -
PWGSC

1550 Avenue d'Estimauville

1550 D'Estimauville Avenue

Québec

Québec

G1J 0C7

**SOLICITATION AMENDMENT
MODIFICATION DE L'INVITATION**

The referenced document is hereby revised; unless otherwise
indicated, all other terms and conditions of the Solicitation
remain the same.

Ce document est par la présente révisé; sauf indication contraire,
les modalités de l'invitation demeurent les mêmes.

Comments - Commentaires

Vendor/Firm Name and Address

Raison sociale et adresse du
fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution

TPSGC - PWGSC

601 - 1550 Avenue d'Estimauville

Québec

Québec

G1J 0C7

Title - Sujet Winter work 2019 - CCGS LEIM		
Solicitation No. - N° de l'invitation F3771-18N498/A		Amendment No. - N° modif. 002
Client Reference No. - N° de référence du client F3771-18N498		Date 2018-11-21
GETS Reference No. - N° de référence de SEAG PW-\$QCW-028-17531		
File No. - N° de dossier QCW-8-41166 (028)	CCC No./N° CCC - FMS No./N° VME	
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2018-12-06		Time Zone Fuseau horaire Heure Normale du l'Est HNE
F.O.B. - F.A.B. Specified Herein - Précisé dans les présentes Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input checked="" type="checkbox"/>		
Address Enquiries to: - Adresser toutes questions à: - Simoneau, Steve		Buyer Id - Id de l'acheteur qcw028
Telephone No. - N° de téléphone (418) 649-2816 ()		FAX No. - N° de FAX (418) 648-2209
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:		

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée	Delivery Offered - Livraison proposée
Vendor/Firm Name and Address Raison sociale et adresse du fournisseur/de l'entrepreneur	
Telephone No. - N° de téléphone Facsimile No. - N° de télécopieur	
Name and title of person authorized to sign on behalf of Vendor/Firm (type or print) Nom et titre de la personne autorisée à signer au nom du fournisseur/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)	
Signature	Date

AMENDMENT 002

Included in the present amendment:

1. Modification to the technical specifications
2. Addition of technical documents
3. Revision of Annex J – Pricing data sheets

1. Modification to the technical specifications

G.1.2.2 Reference drawings

G.1.2.2.1 The following drawings are to be considered as reference drawings, as defined in the Drawings section of the General Remarks

INSERT :

Drawing no.	Drawings title	Number of sheets
ISV22-30009RMM13	General arrangement	
ISV22-30400RMM7	Fire safty plan	
ISV22-61850RMM2	120 VAC & 24 VDC distribution plan	
ISV22-80500RMM1	Heating distribution plan	
ISV22-81100RMM6	Machinery space ventilation arrangement	
N/A	Ngcc Leim extincteurs portatifs	
915.5	FIRE DETECTION SYSTEM - Drawing_Binder_25M_(H008)	
915.5	FIRE DETECTION SYSTEM - ISV_IFDS_System Binder_25M_22M_(ISV008,ISV009,ISV010)_2011_08_12_FT	
728	FIRE EXTINGUISHING SYSTEMS, FIXED – SPECIFICATIONS	
N/A	CCR 2015-2794 Appendices	
N/A	Liste des ciccuits électriques du Leim	
N/A	Online electrical distribution	
LEIM-81500RMM16	HVAC System Diagram	
LEIM-81510RMM7	HVAC Ducting Diagram	
2015-03-06	Inventaire des halocarbares	
805-OAS(a)	Chaufferette Ouellette 805	
805-OAS dims	Chaufferette Ouellette 805	
420.1	DECK CRANE V823 45-Use&Maintenance Manual	
420.1	DECK CRANE V823 45-Winch Owner manual	
425.1	A-FRAME GANTRY-Approved Structure Drawings	
425.1	A-FRAME GANTRY-Cylinder Drawings	
430.1	CTD-DAVIT-ISV22-Approved Structural	
430.2	CTD-WINCH-DB-1716-S Owners Manual	

N/A	GLOBAL DAVIT instructions	
N/A	Datasheet-GD RHS13-3.5 Rescue Boat Davit	
425.1.1	A-Frame winchs-owners manual	
425.1.1	A-Frame winchs-Wire rope certification	
425.1.1	A-Frame winchs-Wire rope documentation	

INSERT:

16.3 INSPECTION OF AIR PULSED HEATERS

16.3.A Identification

16.3.A.1 Inspect the 7 X 230V 3000W pulsed air heaters and 2 X 460V 10000W heaters located in the under deck and engine room compartments.

16.3.B References

Equipment information

16.3.B.1.1 Ouellette OAS 805 Series Heaters

Drawings

All drawings are indicated in the General remarks. The following drawings are to be considered as reference drawings, as defined in the Drawings section of the General Remarks.

Numéro de dessin	TITRE DU DESSIN	Nombre de feuilles
805-OAS(a)	N/A	
805-OAS dims	N/A	

16.3.C Statement of work

16.3.C.1 Check the correct operation of appliances, components, thermostats, motors, contactors and draw up a list of defects. Any breakages or failures will be addressed in additional work on a 1379 form.

16.3.C.1 Proof of performance

16.3.C.1 Inspection points

All work must be completed to the satisfaction of the Chief Engineer.

16.3.C.2 Tests and trials

16.3.C.2.1 [N/A]

16.3.C.3 Certification

The Contractor must provide the Chief Engineer with two (2) hard copies of the inspection certificates along with the original. The Contractor shall also send an electronic copy of certificates to the Vessel Maintenance Manager.

16.3.C.4 Documentation

The Contractor shall provide the Chief Engineer with a hard copy of the report, detailing the inspections, modifications and repairs made, prior to acceptance of this item. The Contractor shall also send an electronic copy of the report to the Vessel Maintenance Manager no later than five (5) days after completing the work awarded under the contract.

16.3.C.4 Training

[N/A]

2. Addition of technical documents:

The following technical documents are attached: (see next pages)

- 805-OAS(a) Chaufferette Ouellette 805
- 805-OAS dims Chaufferette Ouellette 805

3. Revision of Annex J – Pricing data sheets

DELETE and **REPLACE** Annex J – Pricing data sheets with the following:

see next pages

ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED

ANNEX J

PRICING DATA SHEETS		
Item	Description – A) SCHEDULED WORK	Firm Price
G.1.0	General Comments (Bidders can enter \$0.00 or indicate 'included' if the fees for this item are distributed in each of the items below. In case the fees are not distributed an amount must be indicated in the price box.)	\$ _____
S.1.0	Services (Bidders can enter \$0.00 or indicate 'included' if the fees for this item are distributed in each of the items below). <div style="text-align: right;">Services: \$ _____</div> S1.11 Project installations (final amount prorated) <div style="text-align: right;">Portable toilet: \$ _____ / day X 30 days = \$ _____</div> <div style="text-align: right;">Construction trailer: \$ _____ / day X 30 days = \$ _____</div>	
	Total for S.1.0	\$ _____
10.0	Safety and Security Equipment (Overheads fees related to this item must be distributed in each sub items.) 10.1 Inspection of portable fire extinguishers Provide a price to inspect all fire extinguishers and renew the certification of all extinguishers whose certification date has expired. Unit prices for additional extinguishers are to be included in section B) Optional Work if added by Canada. <div style="text-align: right;">Mobilization / Demobilization = \$ _____</div> <div style="text-align: right;">Materials, equipment and consumables = \$ _____</div> <div style="text-align: right;">Labour ; \$ _____ /hour X _____ hours = \$ _____</div> Subcontracting (if applicable) <div style="text-align: right;">Mobilization / Demobilization = \$ _____</div> <div style="text-align: right;">Materials, equipment and consumables = \$ _____</div> <div style="text-align: right;">Labour ; \$ _____ /hour X _____ hours = \$ _____</div> <div style="text-align: right;">Total for item 10.1 : _____</div>	\$ _____
	10.2 Fire detection system Provide a price to perform the annual inspection and certification of the fire detection system.. <div style="text-align: right;">Mobilization / Demobilization = \$ _____</div> <div style="text-align: right;">Materials, equipment and consumables = \$ _____</div> <div style="text-align: right;">Labour ; \$ _____ /hour X _____ hours = \$ _____</div> Subcontracting (if applicable) <div style="text-align: right;">Mobilization / Demobilization = \$ _____</div> <div style="text-align: right;">Materials, equipment and consumables = \$ _____</div> <div style="text-align: right;">Labour ; \$ _____ /hour X _____ hours = \$ _____</div> <div style="text-align: right;">Total for item 10.2 : _____</div>	\$ _____

	10.3 Annual inspection of fixed fire suppression system Provide a price to perform maintenance on and certify the fixed fire suppression system Mobilization / Demobilization = \$ _____ Materials, equipment and consumables = \$ _____ Labour ; \$ _____ /hour X _____ hours = \$ _____ Subcontracting (if applicable) Mobilization / Demobilization = \$ _____ Materials, equipment and consumables = \$ _____ Labour ; \$ _____ /hour X _____ hours = \$ _____ Total for item 10.3 : _____		\$ _____	
Total for 10.0 :				
11.0	Hull and Related Structures (excluding sub-items below.)			
	11.1 Modifications of Mooring bollards Provide a price for the work mentioned under articles 11.A.1 and 11.C.1: Mobilization / Demobilization = \$ _____ Materials, equipment and consumables = \$ _____ Labour ; \$ _____ /hour X _____ hours = \$ _____ Subcontracting (if applicable) Mobilization / Demobilization = \$ _____ Materials, equipment and consumables = \$ _____ Labour ; \$ _____ /hour X _____ hours = \$ _____ Welding (final amount pro rated) _____ \$ per feet X 10 feet = \$ _____ Total for item 11.1 _____		\$ _____	
Total for 11.0 :				
14.0	Power Distribution Systems (Overheads fees related to this item must be distributed in each sub items.)			
	14.2 Electrical insulation test Provide a price to conduct insulation tests on the vessel's electrical circuits. Mobilization / Demobilization = \$ _____ Materials, equipment and consumables = \$ _____ Labour ; \$ _____ /hour X _____ hours = \$ _____ Subcontracting (if applicable) Mobilization / Demobilization = \$ _____ Materials, equipment and consumables = \$ _____ Labour ; \$ _____ /hour X _____ hours = \$ _____ Total for 14.0 : _____			\$ _____
16.0	Domestic Systems (Overheads fees related to this item must be distributed in each sub items.)			

	<p>16.1 Cleaning and inspection of central ventilation system Provide a price to conduct a thorough cleaning of the ventilation system.</p> <p>Mobilization / Demobilization = \$ _____ Materials, equipment and consumables = \$ _____ Labour ; \$ _____/hour X _____ hours = \$ _____</p> <p>Subcontracting (if applicable) Mobilization / Demobilization = \$ _____ Materials, equipment and consumables = \$ _____ Labour ; \$ _____/hour X _____ hours = \$ _____</p> <p style="text-align: right;">Total for 16.1</p>	<p>\$ _____</p>	
	<p>16.2 Annual inspection of heating, ventilation, air conditioning and refrigeration systems Provide a price to perform the annual inspection of heating, ventilation, air conditioning, and refrigeration systems.</p> <p>Mobilization / Demobilization = \$ _____ Materials, equipment and consumables = \$ _____ Labour ; \$ _____/hour X _____ hours = \$ _____</p> <p>Subcontracting (if applicable) Mobilization / Demobilization = \$ _____ Materials, equipment and consumables = \$ _____ Labour ; \$ _____/hour X _____ hours = \$ _____</p> <p style="text-align: right;">Total for 16.2</p>	<p>\$ _____</p>	<p>\$</p>
	<p>16.3 Inspection of Air pulsed heaters Provide a price to perform the inspection of the 7 X 230V/3000W pulsed air heaters and 2 X 460V/10000W heaters located in the under deck and engine room compartments.</p> <p>Mobilization / Demobilization = \$ _____ Materials, equipment and consumables = \$ _____ Labour ; \$ _____/hour X _____ hours = \$ _____</p> <p>Subcontracting (if applicable) Mobilization / Demobilization = \$ _____ Materials, equipment and consumables = \$ _____ Labour ; \$ _____/hour X _____ hours = \$ _____</p> <p style="text-align: right;">Total for 16.3</p>	<p>\$ _____</p>	<p>\$</p>
	Total for 16.0 :		
<p>17.0</p>	<p>Deck equipment (Overheads fees related to this item must be distributed in each sub items.)</p>		

Solicitation No – N° de l'invitation
F3771-18N498/A
Client Ref No. – N° de réf. du client
F3771-18N498

Amd. No. – N° de la modif.
002
File No. – N° du dossier
QCW-8-41166

Buyer ID – id de l'acheteur
qcw 028

<p>17.1.B.4 Inspection of the AMCO VEBA Crane</p> <p>Mobilization / Demobilization = \$ _____</p> <p>Materials, equipment and consumables = \$ _____</p> <p>Labour ; \$ _____ /hour X _____ hours = \$ _____</p> <p>Subcontracting (if applicable)</p> <p>Mobilization / Demobilization = \$ _____</p> <p>Materials, equipment and consumables = \$ _____</p> <p>Labour ; \$ _____ /hour X _____ hours = \$ _____</p> <p>Total for 17.1.B.4</p>	<p>\$ _____</p>	
<p>17.1.B.5 Inspection of A Frame and lateral CTD</p> <p>Mobilization / Demobilization = \$ _____</p> <p>Materials, equipment and consumables = \$ _____</p> <p>Labour ; \$ _____ /hour X _____ hours = \$ _____</p> <p>Subcontracting (if applicable)</p> <p>Mobilization / Demobilization = \$ _____</p> <p>Materials, equipment and consumables = \$ _____</p> <p>Labour ; \$ _____ /hour X _____ hours = \$ _____</p> <p>Total for 17.1.B.5</p>	<p>\$ _____</p>	
<p>17.1.B.6 Davit inspection</p> <p>Mobilization / Demobilization = \$ _____</p> <p>Materials, equipment and consumables = \$ _____</p> <p>Labour ; \$ _____ /hour X _____ hours = \$ _____</p> <p>Subcontracting (if applicable)</p> <p>Mobilization / Demobilization = \$ _____</p> <p>Materials, equipment and consumables = \$ _____</p> <p>Labour ; \$ _____ /hour X _____ hours = \$ _____</p> <p>Total for 17.1.B.6</p>	<p>\$ _____</p>	
<p>Total for 17.0</p>		<p>\$ _____</p>
<p>A) KNOWN WORK – TOTAL FIRM PRICE =</p>		<p>\$ _____</p>

Note: PWGSC reserves the right to exercise all the options or partial options. PRICE PER ITEM SHEET		
B) OPTIONAL SCHEDULED WORK		
Item	Description	Firm Price
10.0	FIREFIGHTING SYSTEMS CYLINDERS , non-scheduled as per lists annex, based on due dates provided. CO2 fixe fire extinguishing system, Portable fire extinguishers, Fixed fire extinguishing system (Overheads fees related to this item must be distributed in each sub items.) Price for handling, emptying, refilling reinstallation of cylinders (Final prices to be prorated) Cylinder ABC 5 lbs; _____ \$/cylinder X 1 cylinder = _____ \$ Cylinder ABC 10 lbs; _____ \$/cylinder X 1 cylinder = _____ \$ Cylinder CO ² 5 lbs; _____ \$/cylinder X 1 cylinder = _____ \$ Cylinder CO ² 10 lbs; _____ \$/cylinder X 1 cylinder = _____ \$ Cylinder Type AB 9L; _____ \$/cylinder X 1 cylinder = _____ \$ Cylinder Type K 9L; _____ \$/cylinder X 1 cylinder = _____ \$ <div style="text-align: right;">Total for item 10.0</div>	
		_____ \$
B) OPTIONAL SCHEDULED WORK – TOTAL FIRM PRICE		_____ \$

Note: PWGSC reserves the right to exercise all the options or partial options.

The Contractor grants to Canada the irrevocable option to acquire the goods, services or both described at Annex A of the Contract under the same conditions and at the prices and/or rates stated in the Contract. The option may only be exercised by the Contracting Authority and will be evidenced, for administrative purposes only, through a contract amendment. The Contracting Authority may exercise the option within **10 days** after beginning of work by sending a written notice to the Contractor.

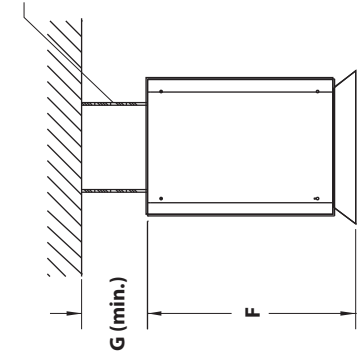
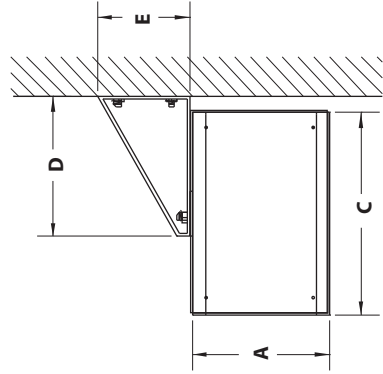
TOTAL (A) SCHEDULED WORK	TOTAL (B) OPTIONAL SCHEDULED WORK	TOTAL KNOWN WORK FIRM PRICE ((A) + (B))
\$ _____	\$ _____	\$ _____

Remark to Bidders:

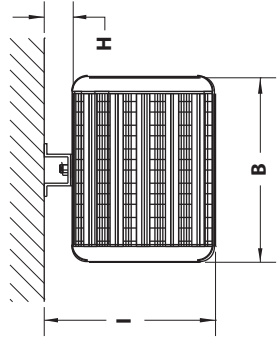
Canada may reject the bid if any of the prices submitted do not reasonably reflect the cost of performing the part of the work to which that price applies.

805 HEATING

SÉRIE
OAS

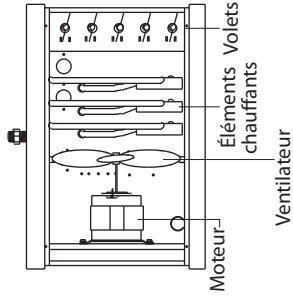


4 tiges filetées
(1/2" - 13 UNC)
(non fournies)



	2 à 10kW		15 à 30kW		40 à 60kW	
	mm	po	mm	po	mm	po
A	305	12	444	17 1/2	585	23
B	419	16 1/2	556	21 7/8	641	25 1/4
C	432	17	572	22 1/2	870	34 1/4
D	357	14 1/16	470	18 1/2	-	-
E	290	11 7/16	407	16	-	-
F	490	19 5/16	630	24 13/16	924	36 3/8
G	305	12	305	12	305	12
H	123	4 7/8	148	5 13/16	305	12
I	428	16 7/8	592	23 5/16	890	35
Poids	kg	lbs	kg	lbs	kg	lbs
	20	45	39	85	39	150

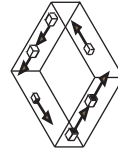
Côté
Moteur placé dans la partie froide



Installation standard



Petit espace



Grand espace



Aérotherme suspendu

**De la chaleur au centre des grands espaces**

L'aérotherme est idéal pour les endroits exigeant un débit d'air important. Il peut s'installer à l'horizontale au mur ou au plafond grâce à ses supports (fournis) ou à la verticale avec 4 tiges filetées (non fournies).

Une variété de commandes sont offertes en trousse ou installées à l'usine.

Une option spécifique est offerte pour permettre l'utilisation de cet appareil dans une exploitation minière.

**Caractéristiques**

Couleur	- Standard : amande.
Finition	- Standard : peinture à la poudre d'époxy/polyester.
Tension	- 208V, 240V, 277V, 347V, 480V, 600V, 1 ou 3 phases.
Construction	- Certains appareils peuvent être convertis de 3 à 1 phase sur place.
	- Construction en acier de calibres 18 et 20.
	- Volets ajustables afin de diriger l'air chaud.
	- Protection thermique à réenclenchement automatique.
Ventilateur	- Moteur monté dans le compartiment froid.
	- Moteur avec protection thermique intégrée.
	- Moteur fermé à roulements à billes lubrifié à vie (sauf 15 à 25kW, 208V/240V).
	- Ventilateur de 58 dBA (2 à 10kW), 67 dBA (15 à 30kW) et 77 dBA (40 à 60kW).
	- Dispositif éliminant la chaleur résiduelle.
Élément	(Tout dispositif de contrôle [thermostat ou relais] doit être connecté au bornier de contrôle de l'appareil.)
	- Élément tubulaire très résistant; acier inoxydable (2 à 10kW), acier avec ailettes (15 à 60kW).
	- Disposition concentrique des éléments.
	- Élément scellé en usine sur demande.
Régulation	- Contacteur intégré standard.
	- Circuit de commande à 240V/208V standard (avec transformateur si nécessaire).
	- Relais 24V avec ou sans transformateur en option.
	- Thermostat intégré en option.
	- Circuit de commande à 120V en option.
Installation	Ouellet recommande l'usage d'un thermostat mural pour un meilleur confort.
	- Montage horizontal au mur ou au plafond avec un des deux supports fournis, permettant de faire pivoter sur 360°*.
	- Montage vertical à l'aide de 4 tiges filetées 1/2 po X 13 UNC (non fournies) (sauf option -MD).
	- Cône diffuseur en option (sauf option -MD).
	- Vaste compartiment des commandes facile d'accès.
	- Hauteur maximale recommandée (horizontale) :
	2 à 10kW : 8 pi (2,4 m); 15 à 30kW : 10 pi (3,0 m); 40 à 60kW : 15 pi (4,5 m).
	- Grillage de protection permettant le montage à une hauteur quelconque (sauf 40 à 60kW).
	- Hauteur minimale de 8 pi (2,4 m) pour les appareils de 40 à 60kW.
	- Température ambiante maximale de fonctionnement : 30 °C (85 °F).
Garantie	- 1 an contre tous vices.
Applications	- Hall d'entrée commercial, entrepôt, cage d'escalier, usine.
	* Montage horizontal à l'aide de 4 crochets pour les 40, 50, et 60kW (plafond seulement).

Modèles

# Produit	Volts	Phase	kW (BTU/hr)	pcm	Hausse de température		HP	Moteur rpm	Volts	Prix
					°C	°F				
OAS02008	208	1	2,0 (6824)	510	7	13	1/30	1550	240/208	713,00
OAS02038	208	3/1 ¹	2,0 (6824)	510	7	13	1/30	1550	240/208	713,00
OAS03008	208	1	3,0 (10236)	510	10	18	1/30	1550	240/208	707,00
OAS03038	208	3/1 ¹	3,0 (10236)	510	10	18	1/30	1550	240/208	707,00
OAS04008	208	1	4,0 (13648)	510	14	25	1/30	1550	240/208	725,00
OAS04038	208	3/1 ¹	4,0 (13648)	510	14	25	1/30	1550	240/208	725,00
OAS05008	208	1	5,0 (17060)	700	13	23	1/30	1550	240/208	835,00
OAS05038	208	3/1 ¹	5,0 (17060)	700	13	23	1/30	1550	240/208	835,00
OAS07538	208	3/1 ¹	7,5 (25590)	700	19	34	1/30	1550	240/208	1202,00
OAS10008	208	1	10,0 (34120)	700	25	45	1/30	1550	240/208	1269,00
OAS10038	208	3	10,0 (34120)	700	25	45	1/30	1550	240/208	1269,00
OAS15038	208	3/1 ¹	15,0 (51180)	1300	20	36	1/8	1550	240/208	1729,00
OAS20038	208	3/1 ¹	20,0 (68240)	1300	27	49	1/8	1550	240/208	1902,00
OAS25038	208	3/1 ¹	25,0 (85300)	1300	34	61	1/8	1550	240/208	2158,00
OAS02000	240	1	2,0 (6824)	510	7	13	1/30	1550	240/208	713,00
OAS03000	240	1	3,0 (10236)	510	10	18	1/30	1550	240/208	707,00
OAS04000	240	1	4,0 (13648)	510	14	25	1/30	1550	240/208	725,00
OAS05000	240	1	5,0 (17060)	700	13	23	1/30	1550	240/208	835,00
OAS07500	240	1	7,5 (25590)	700	19	34	1/30	1550	240/208	1202,00
OAS10000	240	1	10,0 (34120)	700	25	45	1/30	1550	240/208	1269,00
OAS15000	240	1	15,0 (51180)	1300	20	36	1/8	1550	240/208	1729,00
OAS20000	240	1	20,0 (68240)	1300	27	49	1/8	1550	240/208	1902,00
OAS25000	240	1	25,0 (85300)	1300	34	61	1/8	1550	240/208	2158,00
OAS02007	347	1	2,0 (6824)	510	7	13	1/30	1550	240/208	851,00
OAS03007	347	1	3,0 (10236)	510	10	18	1/30	1550	240/208	878,00
OAS04007	347	1	4,0 (13648)	510	14	25	1/30	1550	240/208	900,00
OAS05007	347	1	5,0 (17060)	700	13	23	1/30	1550	240/208	931,00
OAS07507	347	1	7,5 (25590)	700	19	34	1/30	1550	240/208	1360,00
OAS02034	480	3	2,0 (6824)	510	7	13	1/30	1550	240/208	851,00
OAS03034	480	3	3,0 (10236)	510	10	18	1/30	1550	240/208	878,00
OAS04034	480	3	4,0 (13648)	510	14	25	1/30	1550	240/208	900,00
OAS05034	480	3	5,0 (17060)	700	13	23	1/30	1550	240/208	931,00
OAS07534	480	3	7,5 (25590)	700	19	34	1/30	1550	240/208	1360,00
OAS10034	480	3	10,0 (34120)	700	25	45	1/30	1550	240/208	1384,00
OAS15034	480	3	15,0 (51180)	1400	19	34	1/6	1725	480 (1 ph)	1729,00
OAS20034	480	3	20,0 (68240)	1400	25	45	1/6	1725	480 (1 ph)	1902,00
OAS25034	480	3	25,0 (85300)	1400	31	56	1/6	1725	480 (1 ph)	2201,00
OAS30034	480	3	30,0 (102360)	1400	38	68	1/6	1725	480 (1 ph)	2241,00
OAS40034	480	3	40,0 (136480)	2000	35	63	3/4	1140	480 (3 ph)	2955,00
OAS50034	480	3	50,0 (170600)	2000	44	79	3/4	1140	480 (3 ph)	3146,00
OAS60034	480	3	60,0 (204720)	2000	53	95	3/4	1140	480 (3 ph)	3460,00
OAS02006	600	1	2,0 (6824)	510	7	13	1/30	1550	240/208	851,00
OAS02036	600	3	2,0 (6824)	510	7	13	1/30	1550	240/208	851,00
OAS03006	600	1	3,0 (10236)	510	10	18	1/30	1550	240/208	878,00
OAS03036	600	3	3,0 (10236)	510	10	18	1/30	1550	240/208	878,00
OAS04006	600	1	4,0 (13648)	510	14	25	1/30	1550	240/208	900,00
OAS04036	600	3/1 ¹	4,0 (13648)	510	14	25	1/30	1550	240/208	900,00
OAS05006	600	1	5,0 (17060)	700	13	23	1/30	1550	240/208	931,00
OAS05036	600	3/1 ¹	5,0 (17060)	700	13	23	1/30	1550	240/208	931,00
OAS07536	600	3/1 ¹	7,5 (25590)	700	19	34	1/30	1550	240/208	1360,00
OAS10036	600	3/1 ¹	10,0 (34120)	700	25	45	1/30	1550	240/208	1384,00
OAS15036	600	3/1 ¹	15,0 (51180)	1400	19	34	1/3	1725	600 (1 ph)	1729,00
OAS20036	600	3/1 ¹	20,0 (68240)	1400	25	45	1/3	1725	600 (1 ph)	1902,00
OAS25036	600	3/1 ¹	25,0 (85300)	1400	31	56	1/3	1725	600 (1 ph)	2201,00
OAS30036	600	3	30,0 (102360)	1400	38	68	1/3	1725	600 (1 ph)	2241,00
OAS40036 ²	600	3	40,0 (136480)	2000	35	63	3/4	1140	600 (3 ph)	2955,00
OAS50036	600	3	50,0 (170600)	2000	44	79	3/4	1140	600 (3 ph)	3146,00
OAS60036	600	3	60,0 (204720)	2000	53	95	3/4	1140	600 (3 ph)	3460,00

¹ Les modèles portant la mention «3/1» peuvent être convertis de 3 à 1 phase sur place.² Si l'option de contrôle «interrupteur principal» est requis, vous devez commander un OAS-DIS80.

Couleur standard amande.

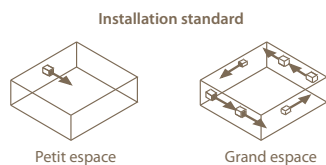
277V disponible sur demande.

Élément scellé en usine sur demande (+23,00\$).

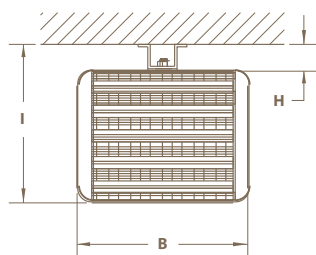
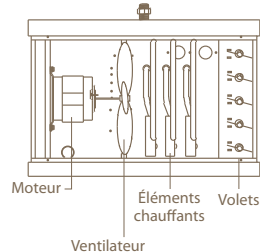
Options

# Produit	Description	Installation en usine	En trousse	Prix
OAS-120	Circuit de commande à 120V	✓	-	94,00
OAS-3P	Contacteur 3 pôles	✓	-	46,00
OAS-CD1	Cône diffuseur, unités de 2 à 10kW	-	✓	88,00
OAS-CD2	Cône diffuseur, unités de 15 à 30kW	-	✓	108,00
OAS-CD3	Cône diffuseur, unités de 40 à 60kW	-	✓	135,00
OAS-CV-277	Interrupteur de ventilateur, avec moteur 240V et 277V	✓	-	44,00
OAS-CV-600	Interrupteur de ventilateur, avec moteur 480V et 600V	✓	-	59,00
OAS-DIS40	Interrupteur principal, 40A	✓	-	103,00
OAS-DIS80	Interrupteur principal, 80A	✓	-	124,00
OAS-DIS100	Interrupteur principal, 100A	✓	-	422,00
OAS-MD ¹	Exploitation minière	✓	-	247,00
OAS-R	Relais 24V, sans transformateur	✓	✓	91,00
OAS-R/CV-240	Relais de ventilateur 240V, pour contrôle à distance et lumière témoin (interrupteur non inclus)	✓	-	62,00
OAS-RT	Relais 24V, avec transformateur	✓	✓	99,00
OAS-T	Thermostat intégré	✓	✓	74,00

¹ Voir les caractéristiques à la page 91.



Côté
Moteur placé dans la partie froide



	2 à 10kW		15 à 30kW		40 à 60kW	
	mm	po	mm	po	mm	po
A	305	12	444	17 1/2	585	23
B	419	16 1/2	556	21 7/8	641	25 1/4
C	432	17	572	22 1/2	870	34 1/4
D	357	14 1/16	470	18 1/2	-	-
E	290	11 7/16	407	16	-	-
F	490	19 5/16	630	24 13/16	974	38 3/8
G	305	12	305	12	305	12
H	123	4 7/8	148	5 13/16	305	12
I	428	16 7/8	592	23 5/16	890	35
Poids	kg	lbs	kg	lbs	kg	lbs
	20	45	39	85	39	150

