Aspen Pumps Apex Way Hailsham East Sussex BN27 3WA
t +44 (0)1323 848842
f +44 (0)1323 848846
www.aspenpumps.com
sales@aspenpumps.com

DATA SHEET: Low Profile Economy Retail Refrigeration Pump

FICHE TECHNIQUE: ERVR Economique petit bac

DATENBLATT: Cold Cabinet Eco Slimline

DATOS TÉCNICOS: Low Profile Economy Retail Refrigeration Bomba

DATI TECNICI: Compact Economy Retail Refrigeration Pompa (C.E.R.R.P.)

EC Declaration of Conformity In accordance with EN ISO 17050-1:2004

We, Aspen Pumps, of Apex Way, Hailsham, East Sussex, BN27 3WA, in accordance with the following Directive(s):

2006/95/EC The Low Voltage Directive

89/336/EEC The Electromagnetic Compatibility Directive and its amending directives

Hereby declare the Aspen Low Profile ERRP has been designed to comply with the relevant sections of the below referenced specifications. The unit complies with all applicable Essential Requirements of the Directives.

BS EN 60335-1 (2002); BS EN 60335-2-40 (2003); BS EN 61000-6-1 (2001); BS EN 61000-6-3 (2001); BS EN 61000-3-2 (2006); BS EN 61000-3-3 (1995)

Signed by: Position: Quality Assurance Manager

CE 07

CE

Manufactured in the UK by ASPEN PUMPS©

www.aspenpumps.com | Designed by Engineers for Engineers

GB

Low Profile Economy Retail Refrigeration Pump

Technical Specification:

- Injection moulded tank/covers
- Tank capacity: 3.5 litres
- Maximum water flow rate: 190 litres per hour
- Maximum recommended head: 21 metres
- Thermally protected Intermittent Duty rated motor
- 230v 50Hz
- 1.6 A max. 30 W max.
- High level safety switch
- Inlet hole in tank cover: 50mmØ
- Outlet hose connection: 10mmØ
- Push-in plug
- Filter to catch debris
- Water temperature: 0°C to 40°C

Dimensions:

Height: 75mm **Width:** 530mm
Depth: 240mm **Weight:** 2.4kg

Electrical Connections:

Brown:	Live
Blue:	Neutral
Green/yellow:	Earth
Black:	N/C
Black:	Common

Description:

The pump is designed to be installed underneath 'island' refrigeration units to collect water during the defrost cycle, where direct drainage is not available. The pump is triggered by a hall-effect float/sensor arrangement and will discharge the water to a maximum height of 21 metres to a suitable drain.

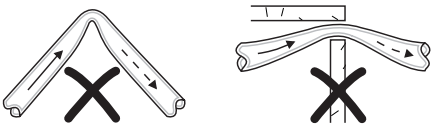
There is a high level safety switch which will either enable the plant to be switched off or sound an alarm in the event of a pump failure.

Installation Notes:

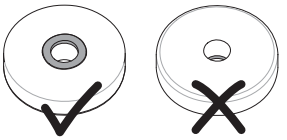
IMPORTANT:
Only one refrigeration unit must drain into this pump.

This pump is designed to sit level on its base.

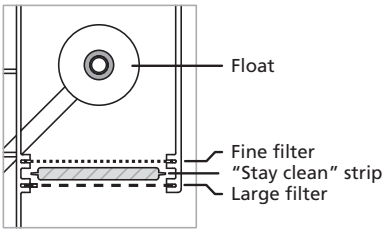
Ensure that there are no kinks or trapped parts in the discharge piping, which must have an internal diameter of 9mm and be secured to the pump outlet with a clamp.

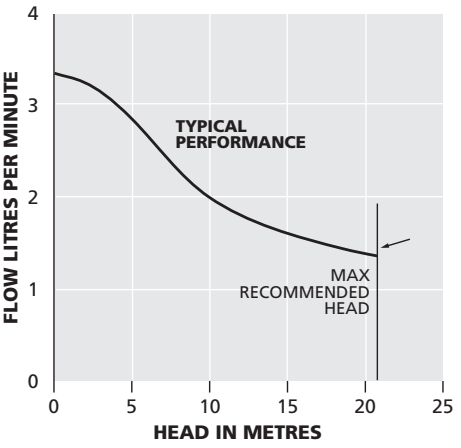


The float must always be located around the float column, with the magnet uppermost:



IMPORTANT: For hygiene and performance, we strongly recommend an anti-bacterial "Stayclean" strip is ALWAYS positioned between the two filters in the tank. The anti-bacterial strip must be BETWEEN the two filters and NOT in the float chamber:



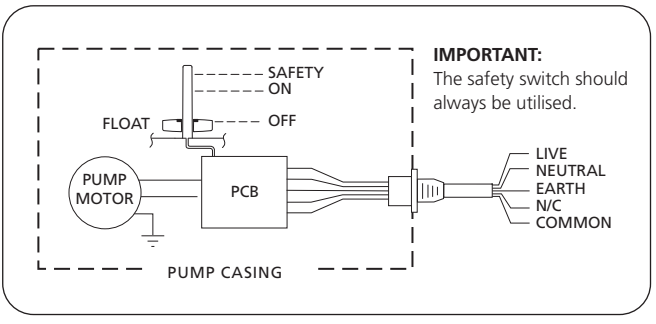


IMPORTANT Service Guide:

Flush the pump through with anti-bacterial wash and clean both filters every 6 months or more often if required, to avoid sludge build up.

Replacement anti-bacterial "Stayclean" strips are available from Aspen Pumps.

N.B. The contractors should satisfy themselves that any chemicals used are compatible with the pump.



F

ERVR Economique petit bac

Caractéristiques techniques:

- Bac et couvercle en PCV
- Capacité du réservoir: 3.5 litres
- Débit maximum de la pompe: 190 litres par heure
- Hauteur de refoulement maximum: 21 mètres
- Moteur protégé par une protection thermique
- 1.6 A max. 30 W max.
- Protection thermique du moteur
- Contact d'alarme
- Orifice sur le dessus du bac: 50 mm Ø
- Refoulement des condensats: 10 mm Ø
- Prise électrique : type informatique
- Température de l'eau : 0° à 40°C

Dimensions:

Hauteur: 75mm **Largeur:** 530mm
Profondeur: 240mm **Poids:** 2.4kg

Connexions électriques:

Marron:	Phase
Bleu:	Neutre
Vert/jaune:	Terre
Noir:	N/C
Noir:	Commun

Description:

L'ERVR économique est destiné à destiné à être installé sous des vitrines réfrigérées et à évacuer les condensats de ces vitrines. Les condensats de cycle de dégivrage peuvent être récupérer grâce au grand volume du bac. La mise en marche et l'arrêt de la pompe se fait grâce au flotteur situé dans le bac de ERVR. La hauteur maximum de relevage est de 21 mètres.

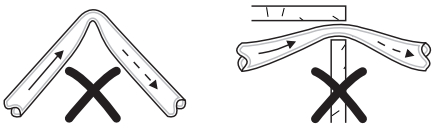
Le niveau haut du flotteur correspond au niveau d'alarme, si le niveau haut est atteint, il est possible de couper l'alimentation électrique de la vitrine ou le déclencher une alarme sonore.

Installations:

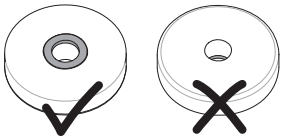
IMPORTANT: La pompe doit récupérer les condensats d'une seule vitrine réfrigérée.

Cette pompe est faite pour être posée a plat sur le sol.

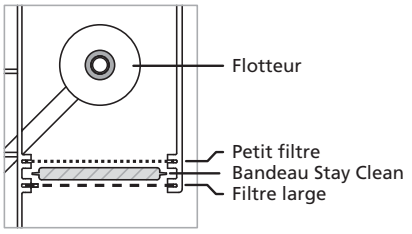
Assurez-vous que la tuyauterie de refoulement ne soit pas pincée ou pliée. La tuyauterie de refoulement doit avoir un diamètre interne de 9mm et être fixée à la sortie de pompe avec une bride.

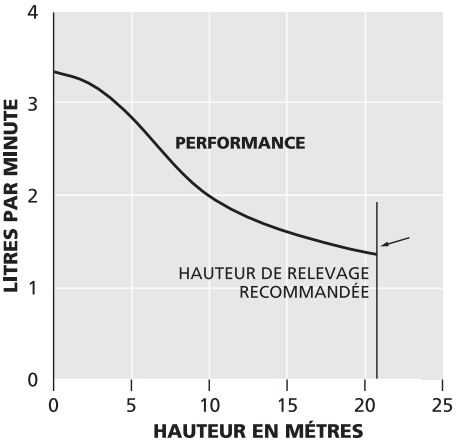


Le flotteur doit toujours être placé sur l'axe de l'électro-aimant, avec l'aimant toujours placé vers le haut.



IMPORTANT: Pour, nous recommandons fortement d'utiliser le bandeau antibactérien "STAYCLEAN". Il doit être placé dans le bac entre les deux filtres. Le bandeau anti-bactérien doit être placé entre les deux filtres et surtout pas dans la zone du flotteur.

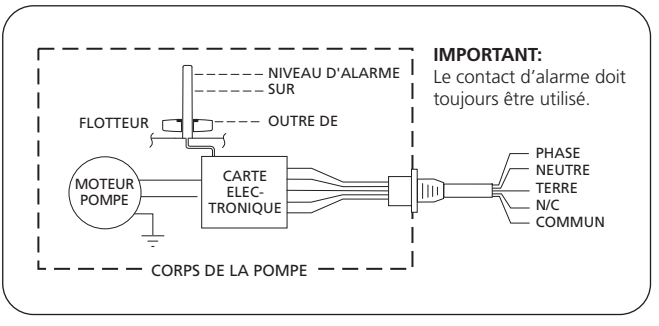




Important Conseils de maintenance:

Nettoyer l'ERVR avec un produit anti-bactérien et nettoyer les deux filtres tous les six mois ou de plus rapproché si besoin. Après le nettoyage des filtres, il est indispensable de changer le BANDEAU STAY CLEAN. Les bandeaux sont disponibles auprès d'ASPEN PUMPS.

NOTA: Il faut s'assurer que les produits chimiques utilisés pour le nettoyage de la pompe sont compatibles avec la pompe.



D

Cold Cabinet Eco Slimline

Technische Spezifikation:

- Tank und Abdeckung aus Kunststoff
- Behälterfassungsvermögen: 3.5 Liter
- Maximale Fördermenge: 190 Liter/h
- Maximale Förderhöhe: 21 Meter
- Thermisch geschützter, periodisch arbeitender Motor
- Max. 1,6 A, Max. 30 W
- Sicherheitsschalter
- Einfüllstutzen: 50 mm Ø
- Druckanschluss: 10 mm Ø
- Netzanschluss per Stecker
- Schmutzfilter
- Zulässige Wassertemperaturen: 0 – 40°C

Abmessungen:

Höhe: 75mm **Breite:** 530mm
Tiefe: 240mm **Gewicht:** 2.4 kg

Elektroanschlüsse:

Braun: Phase
Blau: Null-Leiter
Grün/Gelb: Schutz-Leiter

Sicherheitsschaltung:

Schwarz: Phase
Schwarz: Öffnerkontakt

Beschreibung:

Diese Pumpe ist konstruiert worden, um unterhalb von Kühltheken eingebaut zu werden. Während des Abtau-Prozesses kann sie das Tauwasser aufnehmen, wenn es keinen natürlichen Ablauf gibt. Die Pumpe wird durch eine Hall-Steuerung geschaltet und hat eine maximale Förderhöhe von 21 m.

Sie besitzt einen Sicherheitsschalter der als Öffnerkontakt ausgelegt ist.

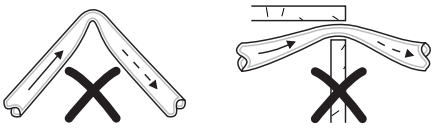
Einbauanweisung:

Wichtig: Sie können nur eine Kühleinheit an diese Pumpe anschließen.

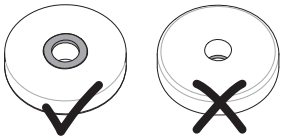
Installieren Sie die Pumpe waagerecht.

Achten Sie darauf, dass der Druckschlauch keine Knicke aufweist oder eingeklemmt ist.

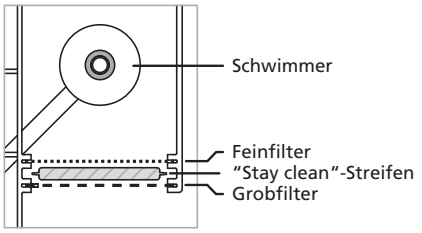
Der Druckschlauch muss einen Innendurchmesser von 9 mm haben und muss fest mit dem Druckanschluss der Pumpe verbunden werden.

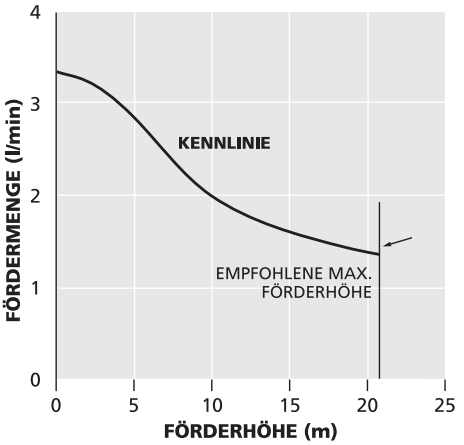


Der Schwimmer muss immer mit dem Magneten nach oben auf der Führungsstange positioniert werden.



Wichtig: Aus Hygiene- und Leistungsgründen empfehlen wir dringend, einen antibakteriellen "Stay clean"-Streifen zu verwenden. Dieser Streifen muss zwischen die beiden Filter und nicht innerhalb der Schwimmerkammer gelegt werden.

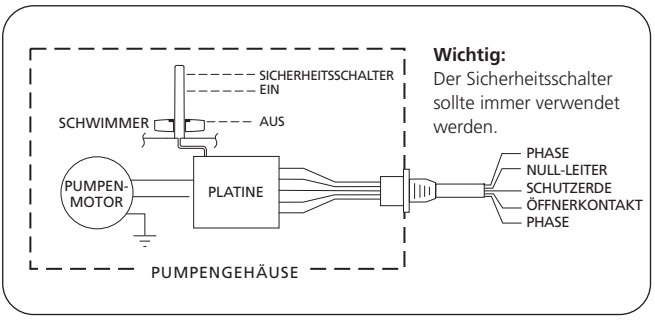




Wichtiger Wartungshinweis:

Spülen Sie die Pumpe alle 6 Monate oder wenn nötig öfter mit antibakteriellem Reinigungsmittel durch, um die Schlammbildung zu verhindern. Ersatz- "Stay clean"-Streifen erhalten Sie von ASPEN.

Bitte beachten Sie: Überzeugen Sie sich, dass alle Chemikalien, die Sie benutzen, die Pumpe nicht angreifen.



Wichtig:
Der Sicherheitsschalter sollte immer verwendet werden.

ES

Low Profile Economy Retail Refrigeration Bomba

Especificaciones Técnicas:

- Depósito y tapa de molde inyectado
- Capacidad del depósito: 3.5 litros
- Caudal máximo de agua: 190 litros por hora
- Máxima altura recomendada: 21 metros
- Motor protegido termicamente
- 1.6 A máx. 30 W máx.
- Microrruptor de seguridad de nivel alto
- Orificio de entrada en la tapa del depósito: 50mm
- Conexión al tubo de salida: 10mm
- Filtro impurezas
- Temperatura del agua: 0°C a 40°C

Dimensiones:

Alto: 75mm **Ancho:** 530mm
Fondo: 240mm **Peso:** 2.4kg

Conexiones eléctricas:

Marrón:	Fase
Azul:	Neutro
Verde/amarillo:	Tierra
Negro:	N/C
Negro:	Común

Descripción:

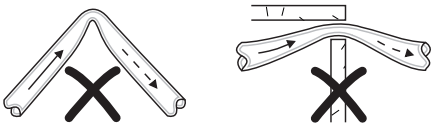
Esta bomba ha sido diseñada para ser instalada debajo de las vitrinas frigoríficas para recoger el agua que se produce durante el ciclo de desescarche, cuando el drenaje directo no es posible. La bomba es accionada por un flotador/sensor a efecto hall y puede evacuar el agua hasta una altura máxima de 21 metros.

Estan provistas de un microrruptor de nivel de seguridad capaz de desconectar la unidad, o de conectar una alarma sonora en el caso de un fallo de la bomba.

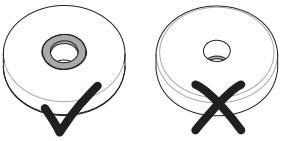
Notas sobre la instalación:

IMPORTANTE: A esta bomba solo debe conectarse una unidad de refrigeración.

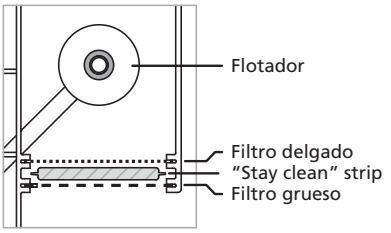
La bomba ha sido diseñada para ser colocada a nivel, sobre su base. Asegurarse de que no hayan dobleces u obstrucciones en el tubo de descarga, el cual debe tener un diametro interno de 9mm y debe de estar asegurado mediante una brida a la salida de la bomba.

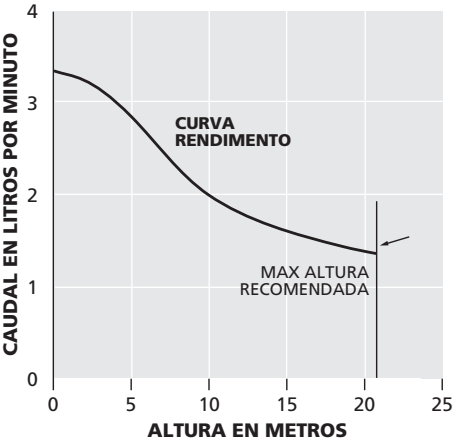


El flotador debe estar siempre colocado alrededor de su eje, con el iman en la parte superior.



IMPORTANTE: Por higiene y por rendimiento recomendamos colocar un antibacterias "Stayclean" entre los dos filtros del depósito. El " Stayclean" debe estar SIEMPRE colocado entre los dos filtros del depósito, y NO en la cámara del flotador.

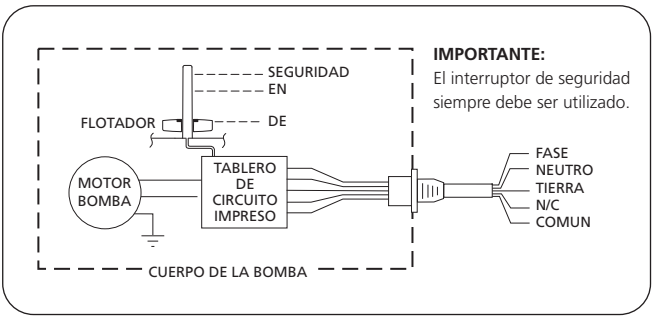




IMPORTANTE Guia de servicio:

Limpiar la bomba con producto antibacterias y los dos filtros cada seis meses, o mas a menudo si es necesario, para evitar la concentración de residuos. Existen tiras anti-bacterianas "strips" Aspen Pumps.

NOTA: Ningún producto químico puede ser utilizado con esta bomba.



I

Compact Economy Retail Refrigeration Pompa (C.E.R.R.P.)

Specifiche Tecniche:

- Vasca di raccolta e coperchio in materiale plastico stampato con processo ad iniezione
- Capacità del serbatoio : 3.5 litri
- Portata massima : 3,3 litri/min (= 190 litri/hr) con prevalenza zero
- Prevalenza massima consigliata : 21 metri
- Motore con funzionamento ad intermittenza dotato di protezione termica
- Alimentazione: 230v 50Hz
- Assorbimento massimo: 1.6 A – 30 W
- Interruttore di sicurezza per alto livello
- Diametro del foro di entrata sul pannello di copertura: 50mm
- Diametro del manicotto di connessione alla tubazione di scarico: 10mm
- Presa ad innesto rapido (alimentazione/cavi allarme)
- Filtro anti-detriti
- Temperatura minima/massima dell'acqua di scarico : 0°C / 40°C

Dimensioni:

Altezza: 75mm **Larghezza:** 530mm
Profondità: 240mm **Peso:** 2.4kg

Collegamenti elettrici:

Marrone:	Fase
Blu:	Neutro
Verde/Giallo:	Terra
Nero:	N/C
Nero:	COMUNE

Descrizione:

La pompa è progettata per essere installata sotto i banchi frigo per raccogliere l'acqua di condensa durante il ciclo di sbrinamento ed evacuarla a distanza, quando non è possibile lo scarico diretto.

La pompa è innescata da un sistema a galleggiante (sensore di livello) con effetto Hall ed è in grado di scaricare l'acqua ad un'altezza massima (prevalenza verticale) di 21 metri.

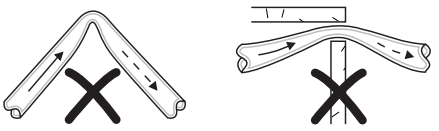
E' inoltre dotata di un interruttore di sicurezza per l'alto livello dell'acqua di scarico, che permette sia l'arresto dell'impianto frigo che l'attivazione di un allarme (non incluso) visivo o sonoro in caso di guasto della pompa.

Note d'installazione:

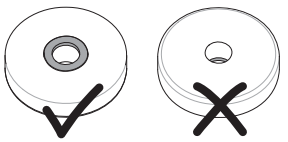
IMPORTANTE: Utilizzare questa pompa per lo scarico di un'unica unità refrigerante.

Questa pompa è progettata per essere installata in piano, sulla propria base.

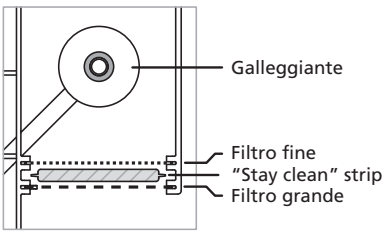
Assicurarsi che non ci siano strozzature della tubazione o residui al suo interno. Il tubo di scarico deve avere un diametro interno di 10 mm ed essere fissata con una fascetta al manicotto di uscita della pompa.

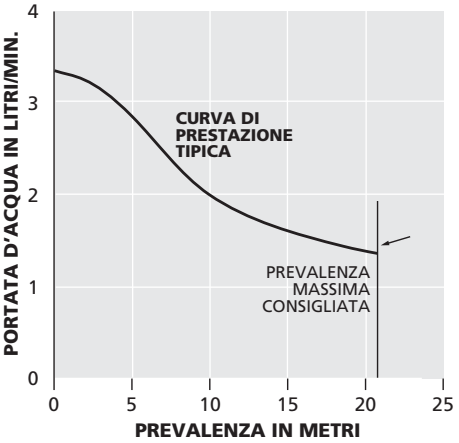


Il galleggiante deve essere sempre posizionato intorno alla colonna di alloggio del galleggiante, con il magnete rivolto verso l'alto.



IMPORTANTE: Per un' accurata igiene e per mantenere le prestazioni, si raccomanda vivamente l'utilizzo di strisce anti-batteriche ("Stay Clean Strip") da posizionarsi SEMPRE fra i due filtri all'interno del serbatoio e MAI nel vano contenete il galleggiante.



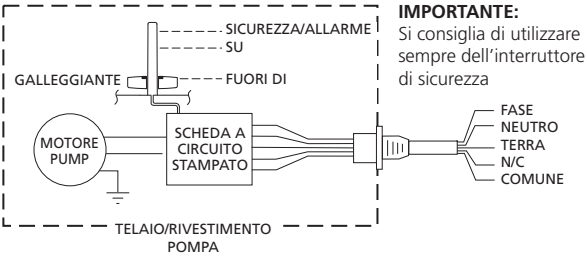


IMPORTANTE Guida alla manutenzione:

Effettuare la pulizia della vasca di contenimento della pompa ogni 6 mesi o più spesso (se richiesto dalle condizioni estreme di lavoro) mediante un ciclo di lavaggio con una soluzione antibatterica ("Drainkleen One Shoot" disponibile su richiesta) e la pulizia di entrambi i filtri, per evitare l'accumulo di residui.

Le strisce anti-batteriche ("Stay Clean Strip") sostitutive sono sempre disponibili su richiesta.

NB: L'utilizzatore deve assicurarsi che tutti i prodotti chimici utilizzati per il ciclo di lavaggio, alternativi a quelli forniti da Aspen, siano compatibili con il funzionamento della pompa.



Part No. 2704 ASPEN-2/08